

Order 6-5-75
C/I

4-3-80

58' deep well - 20" POUROUS CONCRETE CASING

Franklin's Motor 10" Pump - 3 Stage 12M Stroke

Serial KZV 2.07753-10

Powered by REULAND 75 HP Elec Pump

20' 10" Maximum to

11 Acres Valley Station Line CP

with Meter #100 and gun

Water Right Number 2234-3

1. Considered MAY 21, 1975
2. Name of Applicant LARRY HANSEN
3. Post Office Address HURLEY
4. Amount of Water claimed 2.2
5. Source of Water supply GROUND WATER 80' WELL
6. Water to be used for IRRIGATION

Acres to be irrigated 160

7. Water to be diverted and used in TURNER County
about 1.5 ~~mi~~ miles of HURLEY

8. Proof of Publication

Received 5.16.75

Not Received _____

9. Application

Approved _____

ERROR - ADVERTISED

Subject to _____

AS SEC 25 - INSTEAD
OF SEC 35

Not Approved _____

Action Deferred _____

10. Remarks:

No. 2234-3Map No. 1628-3 Water Division No. 3 VERMILLION RIVER District
(Blanks to be Filled by the Engineer for the W. F. C.)

APPLICATION FOR PERMIT

MAR 18 1975
1.06

To Appropriate Water within the State of South Dakota

(NOTE--Draw a line through items not applicable)

1. Name of Applicant LARRY HANSON
 Postoffice address BR. Hurley State S. DAK.
 If a corporation show date and place of incorporation _____

2. Method of accomplishing work (contract, employment of others, or by direct labor) CONTRACT3. Name of diversion work LARRY HANSON IRRIGATION PROJECT #24. Amount of water claimed (cubic feet per second) 2.25. Source of water supply WELL6. Location of point of diversion center NW 1/4 Sec 35 T 99 R. 53County Turner7. Annual period or periods during which water is to be used April - Nov8. Use to be made of water, (irrigation, industrial, municipal, commercial, recreation, etc.) irrigation9. For irrigation use, _____ Total number of acres to be irrigated 160

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.
NW 1/4 NW 1/4 Sec. 35 T 99 R. 53	40
SW 1/4 NW 1/4 Sec. 35 T 99 R. 53	40
SE 1/4 NW 1/4 Sec. 35 T 99 R. 53	40
NE 1/4 NW 1/4 Sec. 35 T 99 R. 53	40

Land Description	No. Acres Irr.

Attach sheet if more space is needed

10. Time required to complete construction of water supply system 5 years. Additional time required to complete application of water to the proposed beneficial use 3 years.

11. Choice of newspaper for Notice of Intent to Appropriate Water publication _____

12. Principal Features of the Proposed Water Supply System.

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

WELL

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

well pump & pipe

C. Works proposed to apply water to beneficial use.

center pivotEstimated Total Cost \$ 40,000.00

Attachments: Attach Form 2A if diversion from a well or dugout, or if storage of water, is proposed. Attach map.
 (See instructions concerning preparation.)

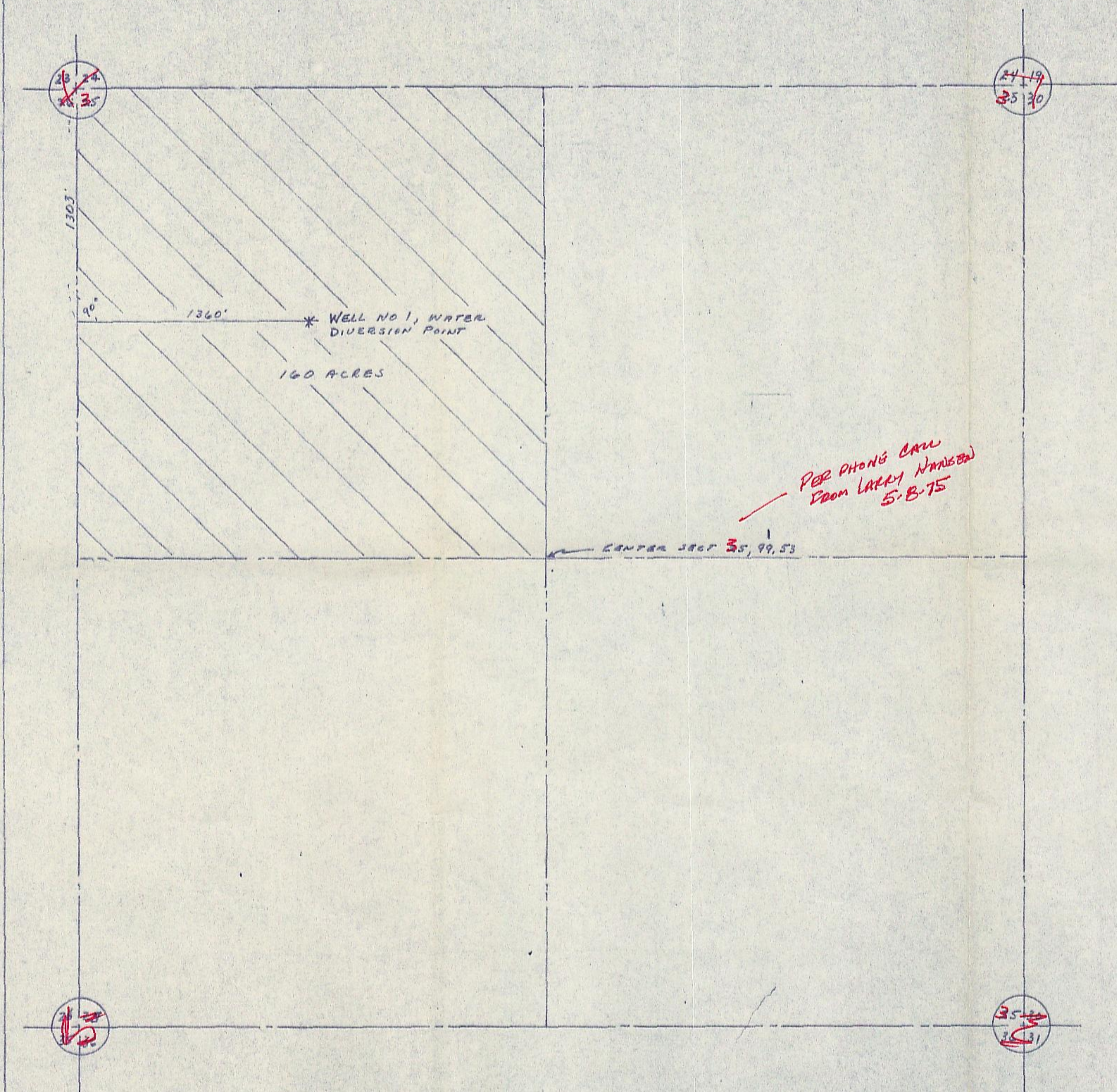
STATE OF SOUTH DAKOTA

County of _____

I, _____ the applicant, certify that I have read the foregoing application and have examined the attached map and that the matters therein stated are true and that I intend, and am able to complete the necessary construction.

Subscribed and sworn to before me this 4-7-75 day of APRIL 1975

Notary Public (or other qualified officer)



AREA BY LEGAL SUBDIVISION
160 ACRES NW 1/4 SECTION 35, T. 99N, R. 53W 5TH PM.

SURVEYOR'S CERTIFICATE

STATE OF SOUTH DAKOTA) ss
COUNTY OF MINNEAPPA)

I, HARLAN W. MEYER, A REGISTERED LAND SURVEYOR
IN AND FOR THE STATE OF SOUTH DAKOTA, DO HEREBY
CERTIFY THAT AT THE REQUEST OF LARRY HANSEN,
SOLE OWNER, I HAVE SHOWN THE LAND PROPOSED TO BE IRRIGATED
WITHIN HIS OWNERSHIP BOUNDARIES ON APRIL 16, 1975 FOR WHICH
APPLICATION FOR APPROPRIATIVE WATER RIGHT IS MADE AND
THIS MAP IS A TRUE REPRESENTATION OF THE SAME.
WITNESS MY HAND AND SEAL THIS 16TH DAY OF APRIL 1975

Harlan W. Meyer
REG. L.S. #495



HURLEY S. DICK

LARRY HANSEN IRRIGATION PROJECT #1
SHOWS AREA TO BE IRRIGATED & WELL DIVERSION POINT
FOR PERMIT TO APPROPRIATE WATER

OWNER LARRY HANSEN
SURVEYOR HARLAN W. MEYER
APRIL 1975

~~MAP NO. 1000-1~~ APPL NO 2234-3

WATER RIGHT APPLICATION APPROVAL

The Water Resources Commission hereby approves Water Right Application No. 2234-3
LARRY HANSEN R.R. HURLEY
 (Applicant) (Post Office Address)
SOUTH DAKOTA 57036 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 MARCH 18, 19 75
 Date of return to applicant for correction, amendments or changes required _____, 19 ____
 Date of receipt of corrected application _____, 19 ____
 Approved MAY 22, 19 75, Recorded in Book 13 Page 282

WATER RIGHT PERMIT NO. 2234-3

The Water Resources Commission hereby grants and issues this Water Right Permit No. 2234-3 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 18, 19 75
2. The equivalent of at least one-fifth of the work above specified is to be completed on or before NOVEMBER 22, 19 77
3. The whole of said work is to be completed on or before MAY 22, 19 80
4. The limit of time from proof of beneficial use of water appropriated in accordance herewith is MAY 22, 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 2.2 cubic feet per second; neither shall it exceed the capacity of the above described water supply system, nor shall it exceed the amount of water needed for beneficial use 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 MAY 22, 19 83; said water to be used during the following described annual period: APRIL - NOVEMBER

Witness my hand this 28th day of MAY, 19 75

WATER RESOURCES COMMISSION

By:

Vern W. Butler
 Acting Chief Engineer, Executive Officer

Certificate of Construction Issued

September 23, 19 81

Water License Issued

September 23, 19 81

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

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

D. Well Information or Estimates

- (1) Drill Hole, Diameter 24", Depth 80'
- (2) Casing, Type STEEL (wood, concrete, steel, etc) Diameter 16" Thickness 1/4"
- (3) Perforated Screen.
Type STEEL, Diameter 16", Length 40'
- (4) Gravel Pack, Thickness 6", Length of gravel pack 40'

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 _____

0-25'

25-80 SAND & Gravel

Depth to top of water bearing material 25'

Depth to bottom of water bearing material 80'

Thickness of water bearing material 65'

Depth to water (ground surface to water level) 16'

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

On same owner's property None rds. On property owned by others 100 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.

Larry E. Hansen
Signature of Applicant

2234-3

(1) WELL CONSTRUCTION

Location of well _____ 1/4 _____ 1/4 NW Section 35 Township 9N Range 53

Well owner Garry Hansen Hurley, SD 57636
(Home) (Address)

Date well drilling completed 6/11/75 Purpose of well Irrigation
(domestic, irrigation, municipal, industrial, other)

[illegible]

Depth to top of water producing aquifer 32 ft.
Depth to static water level 16 ft.
Name of producing aquifer (if known) 9MALL ft.
Total depth of drill hole 58 ft.
Depth to bottom of casing 58 ft.

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

0-30 22" OD Kelly Concrete

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

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

30-58 22" OD. Kelly Concrete

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

Empire Drilling Co.
Name of Drilling Contractor

PUMP INSTALLATION
Company name and size of pump Fairbanks - Morse HP 75
Type of pump turbine Capacity of installed pump ~~1000~~ 900 G.P.M.
Depth of pump placement 40 ft., Date of pump installation 7/7/75

WATER SURFACE MEASURING TUBE
On some wells an air-tight water surface measuring tube is required: See Section 46.408 of Chapter 46.4, MINIMUM WELL CONSTRUCTION STANDARDS.
tube when installed _____ ft., tube diameter _____,

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

Name of Pump Installation Contractor _____



March 11, 1975

Mr. Larry E. Hansen
Hurley, S.D. 57036

Dear Mr. Hansen:

Enclosed please find the original copy of the report of analysis for your water sample submitted here February 28. This is yours to keep. Also enclosed you will find a copy of Extension Circular 654 with the approximate quality of your irrigation water denoted by an encircled red cross on the outside back cover. Please note the contents of this circular.

Your water is satisfactory for the kind of soils which you indicate. It is moderately high in total salts, but low in sodium, so there should be no problem of sodium-caused dispersion of clays or colloids, but there may be a tendency for salts to accumulate in the root zone occasionally. However if you will take the trouble to irrigate the soil thoroughly in the very late fall or early spring, so that there is a good chance of leaching by natural rainfall, the salt problem should never become serious.

A copy of this letter, the WI-1 form, and a copy of the water analysis are being forwarded to the State Conservation Commission. I wish you the best of success in your irrigation venture.

Sincerely yours,

L. O. Fine

L. O. Fine
Water Quality Lab

LOF:MRE

Enclosures

cc: State Conservation Commission
Merlin Platz, Turner County Agent
Darrel Pahl

Conservation
Commission
Form WI #1

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

FOR COMMISSION USE ONLY

Irrigation System: _____

Water Quality: _____

Soils Capability: _____

Approved: _____

Disapproved: _____

NAME: Larry E. Hansen

ADDRESS: Hurley, S. Dak. 57036

COUNTY: Turner

LEGAL DESCRIPTION

1. WELL LOCATION: Center of the NW 1/4 35-99-53
2. AREA TO BE IRRIGATED: NW 1/4 35-99-53 Approximately 160 ac.

TYPE OF IRRIGATION

3. GRAVITY SPRINKLER (Indicate Type): Center Pivot
4. CROPS TO BE IRRIGATED: Corn, Soybeans, and Alfalfa

LAND CAPABILITY FOR IRRIGATION

5. PERCENTAGE OF SLOPE: Average 2%
6. PHYSICAL SOILS CLASSIFICATION FOR IRRIGATION: Moderately deep, well drained soils with 29-40 inches of loamy material over sand and gravel on nearly level (0-2%) upland slopes. 3M47Z - Capability Unit IIs3

WATER QUALITY (TO BE COMPLETED BY COMMISSION)

7. SAMPLE NO.: 75-124
8. SALINITY: EC = 166 μ (high)
9. SODIUM: SAR = 0.52 (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

J. W. Rezek, DC, SCS, Parker, S. Dak. 57053

and:

J. W. Rezek

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

James E. Dieffen

Subscribed and sworn before me this

24 day of Feb. 1975.

James E. Dieffen

Notary Public

(Title)

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

Submitted by: Larry E. Hansen
 Address: Hurley, SD 57036

Date Rec'd February 28, 1975
 Sample No. 75-124
 Identification Well-
NE 1/4, Sec. 35, T 99N, R 53W

WATER ANALYSIS

Calcium (Ca)	190	ppm*	9.50	me/l**
Magnesium (Mg)	110	ppm	9.02	me/l
Sodium (Na)	36	ppm	1.57	me/l
Potassium (K)	21	ppm	0.55	me/l
Sulfate (SO ₄)	724	ppm	15.06	me/l
Nitrate (as N)		ppm		me/l
Chloride (Cl)	22	ppm	0.63	me/l
Bicarbonate (HCO ₃)	249	ppm	4.08	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)	204	ppm (as CaCO ₃)		
Alkalinity (Phenolphthalein)	0	ppm (as CaCO ₃)		
Electrical Conductivity	1664	micromhos per cm at 25° C.		
Sodium Adsorption Ratio	0.52			
Sodium	7.60	% of cations		
Residual sodium carbonate	0.00	me/l		
pH	7.65			
Others:				

*ppm=parts per million
 **me/l=milliequivalents per liter

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

COMMENTS: Total cations 20.64 me/l
 Total anions 19.77 me/l

By: Shirley Mitten

Service Performed	Amount Due
Irrigation analysis	\$6.00
Make checks payable to: Water Quality Laboratory	
Cut along dotted line and return the lower portion with payment	
Sample No. <u>75-124</u>	Amount Enclosed \$
	Signed

Permit No. 2234-3

Water Diversion No. 3 Vermillion River Water District
10170102

CERTIFICATE OF CONSTRUCTION

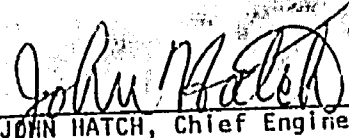
This is to Certify, That Larry Hansen

_____ the holder _____ of
Permit No. 2234-3, issued upon Application No. 2234-3, bearing date of priority of March 18, 1975
_____ authorizing the diversion of 2.2 cu. ft. per second of the waters of _____
groundwater (one well) County of Turner, State of South Dakota, in
the approximate center of the NW 1/4, Section 35-T99N-R53W

_____, for irrigation

_____, for _____ 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 2.0 cu. ft. per second of water.

Date September 22, 1981


JOHN HATCH, Chief Engineer
Water Rights Division

WATER LICENSE NO. 2234-3

(1) WHEREAS, On the 18th day of March A. D. 19 75
Larry Hansen

made Water Right Application No. 2234-3 for a permit to use 2.2 cubic feet per second of the waters
 of groundwater (one well)

County of Turner, State of South Dakota, for irrigation

purposes; and
 (2) WHEREAS, On the 22nd day of May A. D. 19 75

Permit No. 2234-3, with a date of priority of March 18, 1975

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 22nd day of May A. D. 19 80 and for the
 application to beneficial use of said water on or before the 22nd day of May 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 1.89 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,
to irrigate a 132 acre circle in the NW $\frac{1}{4}$ of Section 35 - T99N - R53W

(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 Larry Hansen

of Harley, SD

the holder _____ and owner _____ of said permit No. _____ a water right, dating from March 18, 1975
to use of 1.89 cubic feet per second of the waters
of groundwater (one well)

in the County of Turner and State of South Dakota, or so much thereof as may be necessary for the
purposes hereinbelow mentioned, to be diverted XX in the approximate center of the NW $\frac{1}{4}$, Section 35 -
T99N - R53W

and conducted to and upon _____
a 132 acre circle in the NW $\frac{1}{4}$,
Section 35 - T99N - R53W

for the purpose of irrigation

Subject to any limitations listed in Water Right Permit No. 2224-3 and subject to the laws of the State of South Dakota.

WITNESS, My hand and seal of our office at Pierre, South Dakota
this 22nd day of September A. D.
Nineteen Hundred and Eighty-one

WATER MANAGEMENT BOARD

By:

John Hatch
Chief Engineer, Executive Officer JOHN HATCH

2234-3

Publish first publication, on or before May 8, 1975

NOTICE
INTENT TO APPROPRIATE WATER

Pierre, South Dakota 57501

April 28, 1975

Notice is hereby given that Larry Hansen whose post office address is Hurley, 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

2.2 cubic feet of water per second of time from the ground water through the Hansen Irrigation Project #2, the point of diversion of which is to be located in the

Center of the NW 1/4

of Section 25, Twp. 99N, Range 53W. Said water to be used for the purpose

of providing irrigation on the following described land:

NW 1/4, Section 25, 199N, R53W

This application No. 2234-3

will be considered by the Water Resources Commission at their office at Pierre upon the 21st day of May, 1975, at 2:30 P.M. All interested persons may appear and be heard.

WATER RESOURCES COMMISSION

By:

BURTON F. JONES
Water Rights Specialist

BFJ/bv

cc: Mr. Larry Hansen, R.R., Hurley, S.D. 57036

No. 2234-3

PROOF OF PUBLICATION

STATE OF SOUTH DAKOTA)
County Turner) ss.

I, James E. Wipf hereby

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

Water was taken from the Hurley Leader

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

town of Hurley

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

May 8, 1975

May 15, 1975

James E. Wipf
(Signature)

Publisher
(Title)

5-15-75
(Date Signed)

—Thursday, May 15th, 1975—

No. 2234-3

NOTICE

INTENT TO APPROPRIATE
WATER

Pierre, South Dakota 57501
April 23, 1975
Notice is hereby given that
Larry Hansen whose post office
address is Hurley, South Dakota,
has made an application in ac-
cordance with the provisions of
the water laws of South Dakota
for a permit to appropriate for
beneficial use 2.2 cubic feet of
water per second of time from
ground water through the Han-
sen Irrigation Project No. 2, the
point of diversion of which is to
be located in the Center of the
NW 1/4 of Section 35, Twp. 99N,
Range 53W. Said water to be used
for the purpose of providing ir-
rigation on the following des-
cribed land:

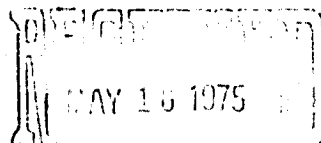
NW 1/4, Section 35, T99N,
R53W.

This application No. 2234-3 will
be considered by the Water Re-
sources Commission at their of-
fice at Pierre upon the 21st day
of May, 1975, at 2:30 P.M. All in-
terested persons may appear and
be heard.

—WATER RESOURCES COM-
MISSION.

By: BURTON F. JONES,
Water Rights Specialist
Publish: May 8, 15, 1975.

*Carl E. Stuber
Notary Public
Pierre Co. S.D.*



STATE WATER RIGHTS COMMISSION
PIERRE, S. DAKOTA

RECEIPT

WATER RIGHTS COMMISSION

State of South Dakota

No 4 8463

PIERRE,

September 17, 1981

RECEIVED OF Hansen Farms, RR 1, Hurley, SD 57036

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

Fee for Application for Permit to Appropriate Water No. _____ (examination, processing, recording and filing) _____		
Fee for Inspecting Construction, and Issuing Cert. of Construction No. 2234-3	50.00	
Fee for inspecting Beneficial Use, and Issuing Water License No. 2234-3		
Fee for Issuing Location Certificate-Dry Draw, No. _____		
Fee for filing _____		
Fee for certified copy of _____		
Fee for Print copy of map _____		
Fee for Certifying _____		
Fee for _____		
(any other work as provided by law)		
TOTAL	50.00	

WATER RIGHTS COMMISSION

By

Chief Engineer, Executive Officer

JOHN PATCH / (b)

Permit No. 2234-3Water Division 3 VERMILLION RIVER Water District

REPORT OF EXAMINATION OF WORKS AND/OR APPLICATION OF WATER TO BENEFICIAL USE

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

I have this day made a thorough examination of the water use system constructed by LARRYHANSEN of HURLEY holderof Permit No. 2234-3, bearing date of priority of MARCH 18, 1975authorizing the diversion of 2.2 cu. ft. per second of the waters of GROUNDWATERfor IRRIGATION purposes, in TURNER 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:

58' DEEP WELL WITH 20" "KOLLY" CONCRETE CASING
FAIRBANKS MORSE 10" PUMP 3 STAGE 12M BOWLS SER. NO. K2W207758-10
POWERED BY REULAND 75HP ELECTRIC MOTOR

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

20' OF 10" MAINLINE TO CENTER OF PIVOT

C. Works used to apply water to beneficial use.

11 TOWER VALLEY WATER DRIVE CENTER PIVOT WITH
NELSON #100 END GUN

The system is in the following condition: GOODThe point of diversion is located CENTER OF THE NW⁴ SECTION 35, T99N, R53WThe works are capable of diverting and conveying to the place of use 2.0 (900 GPM)cu. ft. per second of water which is to be used for IRRIGATION

Water has been put to beneficial use to the maximum extent as follows:

FOR IRRIGATING A 132 ACRE CIRCLE IN THE NW⁴
SECTION 35, T99N, R53W

comprising a total of 132 acres of land. = 1.84Date SEPTEMBER 3, 1980

[Signature]
(Signature)

**South Dakota Department of
Water & Natural Resources**
 Joe Foss Building
 623 East Capitol
 Pierre, South Dakota 57501-3181
 Water Resources Engineer
 605 773-3352

March 7, 1984

N O T I C E

Dear Sir:

The Water Management Board has directed that all owners of Water Permits not in compliance with the requirement:

"All irrigation Permit owners.....shall submit the Irrigation Questionnaire mailed to them each year by the Chief Engineer."

be notified of this requirement.

Our records show we have not received the 1983 Irrigation Questionnaire for your Permit. The questionnaire was requested:

- 1) November, 1983 initial request
- 2) December, 1983 followup request

Owners of Water Permits not in compliance with the annual Irrigation Questionnaire requirement are being given until April 2, 1984 to submit the 1983 questionnaire. The Board will consider disciplinary action April 25, 1984 including amending those permits for which the 1983 questionnaire has not been received by April 2 with the following qualification:

"This Permit amended April 25, 1984 is subject to the Irrigation Questionnaire being submitted each year."

Amendment of a Permit will mean that a Permit can be suspended for up to one year for continued violation of the Irrigation Questionnaire requirement.

The hearing before the Water Management Board April 25, 1984 will be at 10:45 am, Room 216, Joe Foss Building, Pierre SD. The amendment may be made pursuant to SDCL 46-1-14.

Enclosed is an additional questionnaire. Please advise if you have any questions, or you do not believe our records are correct.

Very truly yours,

John Hatch

JOHN HATCH, Chief Engineer
 Water Rights Division

enclosure

Equal Opportunity Employer

121-3A
289-3
2234-3
2506-3
3411-3
3944-3
3945-3
4736-3
4572-3

April 2, 1984

Larry Hansen
Bar K Cattle Co., Inc.
RR#1, Box 5
Hurley, South Dakota 57036

Dear Mr. Hansen:

This letter will acknowledge receipt of and thank you for the return of your 1983 Irrigation Questionnaires. A notice was sent to you March 7, 1984 regarding the Irrigation Questionnaire submittal violation of Permit Nos. 4736-3 and 4572-2 and the date hearings were to be held before the Water Management Board to determine any action to be taken concerning the violation. Notice was also sent to you concerning possible Board Action to amend Water Permit Nos. 121-3A, 289-3, 2234-3, 2506-3, 3411-3, 3944-3 and 3945-3 if the questionnaires were not received. Our records now show that you have returned your 1983 Irrigation Questionnaires and are no longer in violation of your permits.

Please disregard the notices sent to you dated March 7, 1984. Your name has been deleted from the agenda pertaining to these Hearings.

If you have any questions, please contact us.

Very truly yours,

John Hatch, Chief Engineer
Water Rights Division

JH:GM:ms

Equal Opportunity Employer



Department of Water & Natural Resources

Joe Foss Building
523 East Capitol
Pierre, South Dakota 57501

Division of Water Rights
605 773-3352

No. 2234-3
4572-3
4736-3

February 7, 1986

Bar K Cattle Company
Rural Route 1, Box 5
Hurley, South Dakota 57036

Dear Sir:

Please find enclosed ^{copies} ~~a copy of~~ Notice of Transfer of Water Permit forms. These forms must be signed by the owner before a notary and returned to this office with a filing fee of \$2.50 for each transfer, total of \$7.50. for each, total of \$7.50

Upon receipt of the enclosed form and the \$2.50 filing fee/the permits will be transferred to the proper name. South Dakota Water Law 46-5-30.3 requires Notice of any sale, grant, lease, conveyance or other transfer of a Water Permit or Water Right to appropriate water to be filed with this office within ninety days.

Please advise if you have any questions.

Sincerely,

Maxine Stirling
Staff Assistant

ms/
Enc.

DWNR-820A-8/83

NO. 2234-3

NOTICE OF TRANSFER OF WATER PERMIT

TO: Water Rights
Foss Building
Pierre, SD 57501

Date: 3-18-86

This is to notify you that the title to the lands described as follows:

132 Acres - NW $\frac{1}{4}$ Section 35-T99N-R53W

formerly owned by Larry Hansen, RR 1, Box 5 Hurley, SD 57036

has been transferred to 2234-3 Bar K Cattle Co., Inc. RR#1 Box #5 Hurley, SD 5

together with any rights to the beneficial use of water thereon as evidenced by

Water Right Permit No. 2234-3 as provided for in SDCL 46-5-32 and 46-5-33.

You are therefore hereby requested to file this "Notice of Transfer of Water Permit" in its appropriate file at the Div. of Water Rights, Water Management Board as evidence of the change of ownership.

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

STATE OF SOUTH DAKOTA)
County of Turner) ss.

I, Larry E. Hansen being first duly sworn on my oath depose and say:
That my relation to the above described undertaking is that of Owner, that I have read
the above foregoing statement, and I know of my own personal knowledge that the infor-
mation herein stated is true.

Nancy E. Lancelotti
(Signed)

Subscribed and sworn to before me this 18 day of March, 19 86

Theressa J. Berens
(Notary Public)

NOTARY PUBLIC
Marianna J. Berens
My commission expires
September 16, 1990

RECEIPT

Division of Water Rights

South Dakota Department of Water and Natural Resources

410368

Pierre, _____ March 19 _____, 19 86

RECEIVED OF Bar K Cattle Co., Inc. Route 1, Box 5, Hurley, SD 57036

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 <u>2254-3</u>	2	50
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	2 50

By John Hatch
Chief Engineer JOHN HATCH (MS)

SOUTH

Dakota Department of
Water & Natural Resources

Joe Foss Building

Water Rights Division

Pierre, South Dakota 57501

Phone (605) 773-3352

March 24, 1986

Bar K Cattle Co., Inc.
RR 1, Box 5
Hurley, South Dakota 57036

Dear Sir:

Enclosed is receipt Nos. 410367 & 410368 in the amount of \$2.50 each which you paid for transfer of Water Right Nos. 4572-3 and 2234-3.

Our records now show Bar K Cattle Co. as the owner of these Water Rights.

Sincerely,

Maxine Stirling
Staff Assistant

ms/
Elc 2

WNR-821-7/79

Receipt & Notice of filing of Transfer of Water Right

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

HO 2234-3 & 4572-3

Joe Foss Building
523 East Capitol
Pierre, South Dakota 57501

Division of Water Rights
605 773-3352

July 15, 1986

Bar K Cattle Company, Inc.
Rt 1, Box 5
Hurley SD 57036

Dear Sir:

Please find enclosed a copy of a Notice of Transfer of Water Permit form. This form must be signed by the owner before a notary and returned to this office with a filing fee of \$2.50. (\$5.00 total).

Upon receipt of the enclosed form and the \$2.50 filing fee the permit will be transferred to the proper name. South Dakota Water Law 46-5-30.3 requires Notice of any sale, grant, lease, conveyance or other transfer of a Water Permit or Water Right to appropriate water to be filed with this office within ninety days.

Please advise if you have any questions.

Sincerely,

Karen Schlaak

KAREN SCHLAACK
Admini. rative Aide

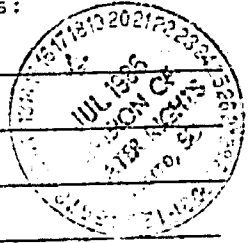
NOTICE OF TRANSFER OF WATER PERMIT

TO: Water Rights
Foss Building
Pierre, SD 57501

Date: 7/16/86

This is to notify you that the title to the lands described as follows:

NW 4 Section 35, T99N, R53W



formerly owned by Bar K Cattle Company Inc.

has been transferred to Prudential Insurance Company
(please include complete mailing address)
together with any rights to the beneficial use of water thereon as evidenced by

Water Right Permit No. 2234-3 as provided for in SDCL 46-5-32 and 46-5-33.

You are therefore hereby requested to file this "Notice of Transfer of Water Permit" in its appropriate file at the Div. of Water Rights, Water Management Board as evidence of the change of ownership.

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

STATE OF SOUTH DAKOTA)
County of Turner) ss.

I, Bar K Cattle Co., Inc. being first duly sworn on my oath depose and say: That my relation to the above described undertaking is that of Owner, that I have read the above foregoing statement, and I know of my own personal knowledge that the information herein stated is true.

Bar K Cattle Co.
Robert K. K. P.
(Signed)

Subscribed and sworn to before me this 16th Day of July, 19 86

Marianna J. Berens
(Notary Public)

NOTARY PUBLIC
Marianna J. Berens
My commission expires
September 16, 1990

RECEIPT

410493

Division of Water Rights

South Dakota Department of Water and Natural Resources

Pierre, July 17, 1985

RECEIVED OF Bar K Cattle Co., Inc., RR 1, Box 5, Hurley, SD 57036

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 2234-3

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

2 50

2 50

By

John Hatch
Chief Engineer

JOHN HATCH/GIS

SOUTH DAKOTA
Department of
Water & Natural Resources

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

WATER RIGHTS DIVISION
(605) 773-3352

No. 2234-3
4572-3

July 18, 1986

Prudential Insurance Company of America
1431 Opus Place, Suite 665
Downers Grove, Illinois 60515

Dear Sir:

Enclosed are receipt Nos. 410492 and 410493 in the amount of \$2.50 each, which was paid for transfer of Water Right Nos. 4572-3 and 2234-3.

Our records now show Prudential Insurance Company of America as the owner of these Water Rights.

Sincerely,

Maxine Stirling
Secretary

ms/
Enc.

SOUTH DAKOTA
Department of
Water & Natural Resources
Joa Foss Building
523 East Capitol
Pierre, South Dakota 57501
Division of Water Rights
605 773-3352

No. 2234-3

December 3, 1987

Glyndon Knutson
RR 2, Box 14
Centerville, South Dakota 57014

Dear Mr. Knutson:

Please find enclosed a copy of a Notice of Transfer of Water Permit form. This form must be signed by the owner before a notary and returned to this office with a filing fee of \$2.50.

Upon receipt of the enclosed form and the \$2.50 filing fee the permit will be transferred to the proper name. South Dakota Water Law 46-5-30.3 requires Notice of any sale, grant, lease, conveyance or other transfer of a Water Permit or Water Right to appropriate water to be filed with this office within ninety days.

Please advise if you have any questions.

Sincerely,

Maxine Stirling
Secretary

ms/
Enc.

NOTICE OF TRANSFER OF WATER PERMIT

TO: Water Rights
Foss Building
Pierre, SD 57501

Date: 12-9-87

This is to notify you that the title to the lands described as follows:

132 Acres - NW 1/4 Section 35, T99N, R53W

formerly owned by Prudential Insurance Co. of American

has been transferred to Glyndon Knutson, RR 2, Box 14, Centerville, SD 57014

(please include complete mailing address)
together with any rights to the beneficial use of water thereon as evidenced by

Water Right Permit No. 2234-3 as provided for in SDCL 46-5-32 and 46-5-33.

You are therefore hereby requested to file this "Notice of Transfer of Water Permit" in its appropriate file at the Div. of Water Rights, Water Management Board as evidence of the change of ownership.

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

STATE OF SOUTH DAKOTA)
County of Clay) ss.

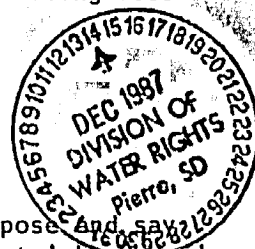
I, Glyndon Knutson being first duly sworn on my oath depose and say that my relation to the above described undertaking is that of Owner, that I have read the above foregoing statement, and I know of my own personal knowledge that the information herein stated is true.

Glyndon Knutson
(Signed)

Subscribed and sworn to before me this 9th Day of December, 1987

Marlene O. Omondson
(Notary Public)

11-15-95



RECEIPT

Division of Water Rights

South Dakota Department of Water and Natural Resources

411024

Pierre, December 14, 197

RECEIVED OF Glyndon Knutson, RR 2, Box 14, Centerville, SD 57014

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 2234-3 _____

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

2 50

0 50

By

Chief Engineer

JOHN HATCH

175

**Department of
Water & Natural Resources**

Joe Foss Building
Pierre, South Dakota 57501

Water Rights Division

Phone (605) 773-3352

December 22, 1987

Glyndon Knutson
RR 2, Box 14
Centerville, South Dakota 57014

Dear Mr. Knutson:

Enclosed is receipt No. 411094 in the amount of \$ 2.50 which you
paid for transfer of Water Right No. 2234-3.

Our records now show you as the owner of this Water Right.

Sincerely,

Maxine Stirling
Secretary

ms/
Enc.

WNR-821-7/79
Receipt & Notice of filing of Transfer of Water Right

#3234-3
#3974-3



Department of Water & Natural Resources

Foss Building
East Capitol
Pierre, South Dakota 57501-3181

February 17, 1989

Glyndon Knutson
RR 2, Box 14
Centerville, SD 57014

Dear Mr. Knutson:

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;

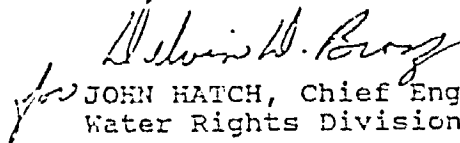


Each of these equipment requirements are discussed more thoroughly in sections 74:02:09:05 through 74:02:09:10 of the enclosed rules. Appendix A contains diagrams of the arrangements of these anti-pollution devices.

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,


for JOHN HATCH, Chief Engineer
Water Rights Division

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

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

February 9, 1990

GLYNDON KNUTSON
RR #2 BOX 14
CENTERVILLE, SD 57014

NOTICE

RE: Violation of Requirement to Submit 1989 Irrigation Questionnaire

Our records indicate that the 1989 Irrigation Questionnaire has not been submitted for Permit No(s). 2234-3, 3994-3. The request for the Questionnaire was dated October 13, 1989. The Water Management Board had directed that owners of water permits who have not submitted 1989 Irrigation Questionnaire 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 8:30 am, March 7, 1990 at the Howard Johnson's, Jefferson-Roosevelt Room, I-90 at LaCrosse, Rapid City SD.

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

1. Amend Permit No(s). 2234-3, 3994-3 to require the Irrigation Water Use Questionnaire to be submitted each year;
2. Postpone any action;
3. Take no action.

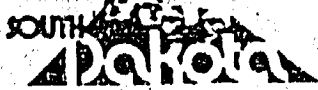
The hearing(s) is an adversary proceeding. The permit owner has the right to be present or to be represented by a lawyer. These and other due process rights will be forfeited if they are not exercised. Decisions of the Board may be appealed to the Circuit Court and the State Supreme Court as provided by law.

If the questionnaire(s) is received in this office before the March 7th hearing date, your name will be deleted from the agenda for the hearing.

Very truly yours,



JOHN HATCH, Chief Engineer
Water Rights Division
665 773-3352



Department of Water & Natural Resources

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

February 23, 1990

2234-3
3994-3

Glydon Knutson
RR 2, Box 14
Centerville SD 57014

Dear Mr. Knutson:

I am writing to acknowledge receipt of your 1989 irrigation questionnaire for Water Permit Nos. 2234-3 and 3994-3. You may disregard the February 9, 1990 Notice of failure to submit the 1989 irrigation questionnaire. Your questionnaire was received prior to the March Water Management Board meeting and your name was deleted from the agenda pertaining to the hearing.

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

Sincerely,

Bon Duvall /ks

RON DUVALL
Natural Resources Engineer
Water Rights Division

Gronlund, Eric

From: kknittel@gwtc.net
Sent: Friday, August 15, 2014 10:30 AM
To: Gronlund, Eric
Subject: Water on road

Yesterday about noon there was a center pivot spraying on the road it's at
T98N R53W
Sec 10 se 1/4 on hwy 19
Later that night around 1:00am there were two more spraying on the road
T99N R53W
Sec 35 nw1/4 on hwy 19
Sec 15 nw1/4 on hwy 19

Kelly Knittel
605-929-6340



DEPARTMENT OF ENVIRONMENT
and NATURAL RESOURCES

JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE, SOUTH DAKOTA 57501-3182
denr.sd.gov



No. 2234-3

August 15, 2014

Glyndon Knutson
45979 SD Hwy 46
Centerville SD 57014

Dear Mr. Knutson:

The irrigation season is in full swing. This has led to the Department of Environment and Natural Resources (DENR) fielding inquiries regarding end gun overspray on to roads. DENR recently distributed the attached press release to the media.

DENR received an inquiry alleging the irrigation system located in the NW 1/4 Section 35-T99N-R53W had irrigation water from the end gun hitting Highway 19. The water right for this system is held in your name under Water Right No. 2234-3.

It is common for center pivots to have stops which can be engaged to shut off the operation of the end gun when the pivot nears a road. Please take steps to insure end gun stops are functioning properly so there is not direct overspray on to the road.

A water right holder is not allowed to operate an irrigation system in violation of state water law, which includes unauthorized end gun overspray upon land not authorized by the water right. Continued overspray can result in DENR taking enforcement action.

If you don't believe your irrigation system is causing the overspray, or if you have any questions, please contact me at (605) 773-3352 or by email at eric.gronlund@state.sd.us.

Thank you for your cooperation,

Eric Gronlund
Water Rights Program, DENR
605 773-3352

enclosure

DENR Reminds Irrigators to Avoid Overspray

FOR IMMEDIATE RELEASE: Thursday, July 24, 2014

FOR MORE INFORMATION: Kim Smith, (605) 773-3152

PIERRE, S.D. – The Department of Environment and Natural Resources (DENR) reminds irrigators to check their center pivots to ensure they are operating properly and are adjusted to spray only upon land authorized for irrigation by their water permit.

“It is important that irrigators do everything they can to avoid overspraying onto nearby roads or neighboring properties,” said DENR Secretary Steve Pirner. “Irrigation overspray can damage roadways, lead to unsafe driving conditions and impact neighbors.”

A water right holder is not allowed to waste water or operate an irrigation system in violation of state water law, which includes spraying water on land not covered by the water permit. Irrigation systems and especially end guns must be constantly monitored to make sure they are not applying water where it is not allowed. Irrigators who fail to prevent overspray can be subject to fines or required to appear before the Water Management Board for possible suspension of their right to irrigate. South Dakota has nearly 5,300 active irrigation permits authorizing irrigation of up to 879,000 acres.