

2578.3

1. Considered 3-17, 1976
2. Name of Applicant VIRGIL C. RHODY
3. Post Office Address CASTLEWOOD
4. Amount of water claimed 1.95
5. Source of water supply GROUND WATER (110' WELL)
6. Water to be used for IRRIGATION
Acres to be irrigated 135
7. Water to be diverted and used in HAMLIN county
about 2E, 3S miles of CASTLEWOOD.
8. Proof of Publication Received 3-11-76
Not received _____
9. Application Approved _____
Subject to _____
Not Approved _____
Action deferred _____
10. Remarks:

No. 2578-3
 Map No. 1947-3 Water Division No. 3 BIG SIOUX RIVER 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 Virgil C Rhedy
 Postoffice address Castlewood, State So Dakota
- If a corporation show date and place of incorporation _____
2. Method of accomplishing work (contract, employment of others, or by direct labor) Direct labor
3. Name of diversion work Virgil C. Rhedy, Unit No. 3
4. Amount of water claimed (cubic feet per second) 1.95
5. Source of water supply ground water
6. Location of point of diversion 1320' N & 1320' W of the SE CORNER SECTION 7, T14N, R51W
 County Hamlin
7. Annual period or periods during which water is to be used April - October
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 135

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.
<u>SE 1/4 S-7-114N-51W</u>	<u>135</u>		

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 2 years.
11. Choice of newspaper for Notice of Intent to Appropriately Water publication. Watertown Public Opinion, Watertown, S. Dak.
12. Principal Features of the Proposed Water Supply System.

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

Bowl Pump

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

Main line

C. Works proposed to apply water to beneficial use.

Center Pivot

Estimated Total Cost \$ _____

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

STATE OF SOUTH DAKOTA

 County of Hamlin
 I, Virgil C. Rhedy, 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 Virgil C. RhedySubscribed and sworn to before me this 1 day of August, 1947

Notary Public (or other qualified officer)

WATER RIGHT APPLICATION APPROVAL

The Water Rights Commission hereby approves Water Right Application No. 2578-3
VIRGIL C. RHODY CASTLEWOOD
 (Applicant) (Post Office Address)
SOUTH DAKOTA 57223 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 FEBRUARY 26 1976
 Date of return to applicant for correction, amendments or changes required — 19—
 Date of receipt of corrected application FEBRUARY 27 1976
 Approved MARCH 18 1976 Recorded in Book 15 Page 5

WATER RIGHT PERMIT NO. 2578-3

The Water Rights Commission hereby grants and issues this Water Right Permit No. 2578-3 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 FEBRUARY 26 1976
2. The equivalent of at least one-fifth of the work above specified is to be completed on or before SEPTEMBER 18 1978
3. The whole of said work is to be completed on or before MARCH 18 1981
4. The limit of time from proof of beneficial use of water appropriated in accordance herewith is MARCH 18 1983
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 1.95 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 MARCH 18 1983; said water to be used during the following described annual period: APRIL - OCTOBER

Witness my hand this 24TH day of MARCH 1976

WATER RIGHTS COMMISSION

By:

[Signature]
 Chief Engineer, Executive Officer

Certificate of Construction Issued — 19—

Water License Issued — 19—

HURON DRILLING INC. DRILLERS LOG

PAGE NO.

Virgil Rhody
JOB NAME

S.E. 7-114-51 Hamlin Co.	2/4/76
LOCATION	DATE

15
RIG NO.

Lloyd Peterson
FOREMAN Jr.

[illegible]

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

D. Well Information or Estimates

(1) Drill Hole, Diameter _____, Depth _____

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

(3) Perforated Screen

Type _____, Diameter _____, Length _____

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

E. Dugout Information or Estimates

(1) Surface dimensions _____, Depth _____

F. Fill out for Either a Well or a Dugout. *Log will be furnished by driller.*

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

Character of Water bearing materials _____

Depth to top of water bearing material _____

Depth to bottom of water bearing material _____

Thickness of water bearing material _____

Depth to water (ground surface to water level) _____

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

On same owner's property 60 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.

x Angel C. Rhody
Signature of Applicant

CONSERVATION
COMMISSION
FORM W1 #1

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

NAME Virgil C. Rhedy
ADDRESS Castlewood, S.D.
COUNTY Hamlin

LEGAL DESCRIPTION

1. WELL LOCATION: Center - SE $\frac{1}{4}$ - 7 - 114N - 51W.
2. LOCATION OF AREA TO BE IRRIGATED SE $\frac{1}{4}$ S - 7 - 114N - 51W

TYPE OF IRRIGATION

3. GRAVITY _____ TOWLINE _____ CENTER PIVOT ☒ GUN _____
4. CROPS TO BE IRRIGATED corn, alfalfa, small grain

WATER QUALITY

5. SAMPLE NUMBER 76-109
6. SALINITY (EC X 10⁶) 722 - (medium - high)
7. SODIUM (SAR) 0.22 (low)
8. RESIDUAL SODIUM CARBONATE (meq/l.) 0

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

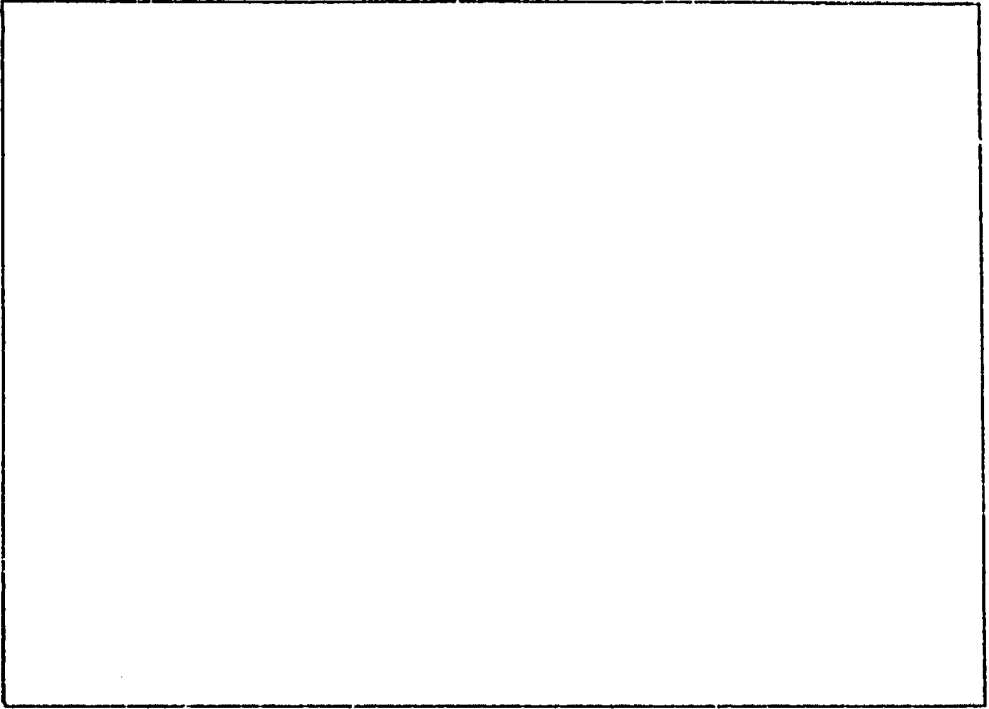
X Virgil C. Rhedy
APPLICANT'S SIGNATURE

SUBSCRIBED AND SWORN BEFORE ME THIS
DAY OF July 19 76.

James H. [illegible]
(TITLE OR SEAL)
Hamlin Conservation District
(SOILS INFORMATION ON REVERSE SIDE)

Albert J. [illegible]
APPROVED/DENIED

MAP



NARRATIVE



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

Submitted by: Virgil C. Ebely Date Rec'd February 17, 1976
 Address Castlerood, SD Sample No. 76-109
Huron Drilling, Inc. Identification 12 Well-
P.O. Box 1422 SD, Sec. 7, T. 114N, R. 51E
Huron, SD 57350

WATER ANALYSIS

Calcium (Ca)	120	ppm*	6.00	me/l**
Magnesium (Mg)	38	ppm	2.12	me/l
Sodium (Na)	11	ppm	0.48	me/l
Potassium (K)	4	ppm	0.09	me/l
Sulfate (SO ₄)	136	ppm	3.82	me/l
Nitrate (as N)		ppm		me/l
Chloride (Cl)	6	ppm	0.15	me/l
Bicarbonate (HCO ₃)	258	ppm	4.86	me/l
Carbonate (CO ₃)		ppm		me/l
Iron (Fe)		ppm		me/l
Fluoride (F)		ppm		g.p.g.***
Hardness (EDTA as CaCO ₃)		ppm		
Alkalinity (Methyl Orange)	244	ppm (as CaCO ₃)		
Alkalinity (Phenolphthalein)	0	ppm (as CaCO ₃)		
Electrical Conductivity	772	micromhos per cm at 25° C.		
Sodium Adsorption Ratio	0.22			
Sodium	32.19	% of cations		
Residual sodium carbonate	0.00	me/l		
pH	7.32			
Others:				

*ppm=parts per million
 **me/l=millequivalents per liter
 ***g.p.g.=grains per gallon

COMMENTS: Total cations 9.69 me/l
 Total anions 7.36 me/l

By: Shirley Mitten

Service Performed

Amount Due

Irrigation Analysis

\$6.00 PAID

Make checks payable to: Water Quality Laboratory

Cut along dotted line and return the lower portion with payment

Sample No. 76-109

Amount Enclosed \$

Signed



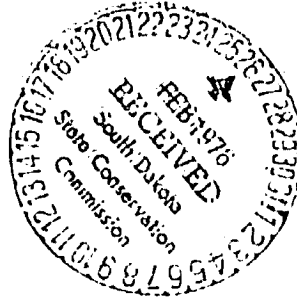
Virgil C. Rhody

SEA 7-114-51

#4-3-15

- | | | |
|---------------------|-------|---|
| <u>2M4G</u>
2-1 | I-2 | Deep, loamy, well drained soils on nearly level uplands. They are fertile with few or no limitations in use.
Barnes Loam 0.5 in. per hr. Intake Family |
| <u>2M4U</u>
2-1 | I-3 | Deep, loamy, moderately well drained soils on nearly level upland slopes and swales that receive beneficial moisture from adjacent slopes. They have thick, very dark surface layers. They are fertile and have few or no limitations for use.
Aastad - Silty 0.5 in. per hr. Intake Family |
| <u>2M4G</u>
4-1 | IIc2 | Deep, loamy, well drained soils on gently undulating (2 to 6 percent) glacial uplands having moderately permeable loam and clay loam subsoils. They are fertile with moderate susceptibility to water erosion and slight wind erosion hazard.
Barnes Loam 0.5 in. per hr. Intake Family |
| <u>3M47Z</u>
2-1 | IIIs3 | Moderately deep, well drained soils with 20 to 40 inches of loamy material over sand and gravel; on nearly level upland slopes. They are fertile but sandy and gravelly subsoils and substrata reduce water storage capacity and rooting depth. Slight wind erosion hazard.
Fordville, Fine, Sandy, Loam
1.0 in. per hr. Intake Family |
| <u>2M4G</u>
8-2 | IIIc1 | Deep, loamy, well drained soils on undulating and sloping (6 to 9 percent slopes) uplands and eroded soils on gently sloping and undulating slopes (2 to 6 percent). They have wind and severe water erosion hazards. Runoff limits available moisture. Mechanical, vegetative, and moisture conservation practices are necessary to maintain productivity and prevent soil loss. |

February 24, 1976



Virgil C. Rhody
Castlewood, SD 57223

Dear Mr. Rhody:

Enclosed please find the original copies of the reports of analysis on water samples #76-109 and 76-110 submitted here about a week ago. You will also please find a receipt for your payment. I am enclosing, in addition, a copy of AES publication #13. On the outside back cover of this circular, you will see that I have plotted the approximate quality of these waters for irrigation purposes by means of a red cross in the chart. They are medium salinity, low sodium waters.

Inasmuch as the land which you propose to irrigate in the northeast quarter and the southeast quarter of section 7 is well drained in almost every delineation, there should be no problem of salt development with the use of this water. Therefore, I am recommending that this permit be approved.

A copy of the letter that I am writing you, and the WI-1 forms, and other application materials, plus copies of the water analyses are being sent to the State Conservation Commission.

Sincerely yours,

L. O. Fine

L. O. Fine
Water Quality Lab

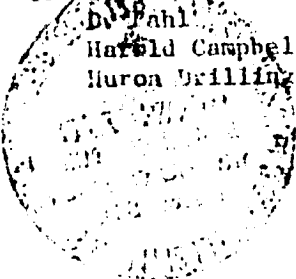
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Enclosures

cc: State Conservation Commission

Dr. Pahl

Harold Campbell, County Extension Agent
Huron Drilling Co.



WATER LICENSE NO. 2578-3

(1) WHEREAS, On the 26th day of February A. D. 19 76
Virgil C Rhody

made Water Right Application No. 2578-3 for a permit to use 1.95 cubic feet per second of the waters
of groundwater (ole well)

County of Hamlin, State of South Dakota, for irrigation

_____ purposes; and
(2) WHEREAS, On the 18th day of March A. D. 19 76
Permit No. 2578-3, with a date of priority of February 26, 1976

was issued to said applicant _____ for the diversion of said water, and provided for the completion of construction of the water
supply system therein described on or before the 13th day of March A. D. 19 81 and for the
application to beneficial use of said water on or before the 18th day of March A. D. 19 93

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 1.95 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 135 acre circle in the SE1/4, Section 7, T114N, R51W

(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 Virgil C Rhody

_____ of Castlewood SD

the holder _____ and owner _____ of said permit No. 2578-3 a water right, dating from February 26, 1976

_____ to use of 1.95 cubic feet per second of the waters

of groundwater (one well)

in the County of Hawlin and State of South Dakota, or so much thereof as may be necessary for the

purposes hereinbelow mentioned, to be diverted at a point 90' south of the center of the SE $\frac{1}{4}$, Section

7, T110N, R51W

and conducted to and upon a 135 acre pipeline in the SE $\frac{1}{4}$, Section 7, T110N, R51W

for the purpose of irrigation

Subject to any limitations listed in Water Right Permit No. 2578-3 and subject to the laws of the State of South Dakota.

WITNESS, My hand and seal of our office at Pierre, South Dakota

this 18th day of August A. D.

Nineteen Hundred and Eighty

WATER MANAGEMENT BOARD

By: John Hatch

Chief Engineer, Executive Officer

JOHN HATCH

Permit No. 2578-3

Water Diversion No. 3 Big Sioux River Water District

CERTIFICATE OF CONSTRUCTION

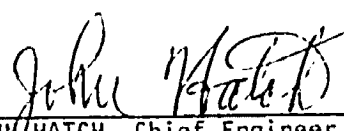
This is to Certify, That Virgil C Rhody

_____ the holder _____
Permit No. 2578-3, issued upon Application No. 2578-3, bearing date of priority of February 26,
1976 authorizing the diversion of 1.95 cu. ft. per second of the waters of _____
groundwater (one well) County of Hamlin, State of South Dakota at _____
a point 90' south of the center of the SE $\frac{1}{4}$, Section 7, T114N, R51W

_____, for irrigation

purposes, has complied with the provisions of the laws of the State of South Dakota relating to proof of
completion of the works of diversion set out and described in said Permit; that said works are found in satisfactory
condition for diverting and conveying to the place of intended use 2.0 cu. ft. per second of water.

Date August 19, 1981



JOHN HATCH, Chief Engineer
Water Rights Division

NO. 2973-3

Publish first publication, on or before March 4, 1976

NOTICE
INTENT TO APPROPRIATE WATER

Pierre, South Dakota 57501

March 1, 1976

Virgil C. Rhody

Notice is hereby given that

whose post office address is Castlewood, 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

1.55 cubic feet of water per second of time from the ground water through the Rhody Unit #3, the point of diversion of which is to be located in the

Center of the SE $\frac{1}{4}$

of Section 11N R114W, Range 51W. Said water to be used for the purpose of providing irrigation on ^{portions of} the following described land:

SE $\frac{1}{4}$, Section 7, T11N, R51W

This application No. 2973-3 will be considered by the Water Rights Commission at their office at Pierre upon the 17th day of March, 1976, at 1:00 P. M. All interested persons may appear and be heard.

WATER RESOURCES COMMISSION

By:

BURTON F. JONES
Water Rights Specialist

BFJ/bw
cc:

Virgil C. Rhody, Castlewood, S.D. 57223

No. 2578-3

PROOF OF PUBLICATION

STATE OF SOUTH DAKOTA)
) ss.
County Codington)

I, John R Lowrie hereby

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

Water was taken from the Watertown Public Opinion

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

city _____ of Watertown

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

Marci. 3, 1976

March 10th, 1976

(Signature)

General Manager

(Title)

March 10, 1976

(Date Signed)

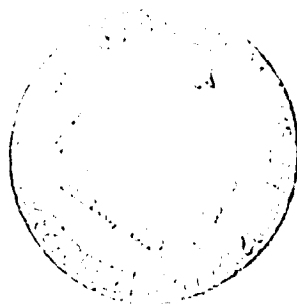
PUBLIC NOTICE

NO. 2578-3
NOTICE INTENT TO
APPROPRIATE WATER
Pierre, South Dakota 57501

Notice is hereby given, that Virgil C. Rhody whose post office address is Castlewood, 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 1.95 cubic feet of water per second of time from ground water through the Rhody Unit No. 3, the point of diversion of which is to be located in the Center of the SE¼ of Section 7, Twp. R114N, Range 51W. Said water to be used for the purpose of providing irrigation on portions of the following described land: SE¼, Section 7, T114N, R51W.

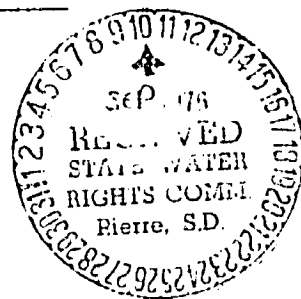
This application No. 2578-3 will be considered by the Water Rights Commission at their office at Pierre upon the 17th day of March, 1976, at 1:00 p.m. All interested persons may appear and be heard.

WATER RESOURCES
COMMISSION 3" 02.25
BURTON F. JONES 82-
Water Rights Specialist 13.50
(March 3, 10, 1976)



Form 10.

No. 2578-3



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

DEPARTMENT OF NATURAL RESOURCE DEVELOPMENT
DIVISION OF WATER RIGHTS
JOE FOSS BUILDING

Post Office Castleton, S.D.
Date Sept. 8, 1976

TO: PIERRE, SOUTH DAKOTA 57501
Water Resources Commission
State Office Building No. 2
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. 2578-3

Water Right Permit No. 2578-3 states that the diversion system is to be constructed by March 18, 1981 and that the water is to be put to beneficial use by March 18, 1983.

The diversion system was completed on July 15, 1976. Applying the water to beneficial use was completed on July 15, 1976.

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.

Fergil C. Kibbey
(Signature)

RECEIPT

WATER RIGHTS COMMISSION
State of South Dakota

No 4 8418

PIERRE, August 10th 19²¹

RECEIVED OF Virgil C. Shady, Saddlebrook, SD 57223
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. <u>2572-2</u>	50.	00
Fee for inspecting Beneficial Use, and issuing Water License No. <u>2572-2</u>		
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 (J. H. H. H. H.)
Chief Engineer, Executive Officer
JONAS HATCH (SE)

7578-3

Virgil & Co.

6-78-78

C.P. Electric

Model 7 625 J. 5160 3327

Model 10000 Serial # 2377-11 1000

Serial

Well 115 ft. Deep Pumping 100 gpm

Has 3000 gpm.

60 HP

Motor U.S. Elec. 11701

10" 10" H. 1326-01-H-517 11215027

Pump America - U.S. Elec.

No. 85 671649

10R4M-6D

Pump 90 ft. 50 gpm C.P. Prod.

8" Electric ground pipe to pump

Permit No. 2578-3Water Division 3 Big Sioux River Water District

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

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

I have this day made a thorough examination of the water use system constructed by VIRGIL C.
RHODY of CASTLEWOOD holder
of Permit No. 2578-3, bearing date of priority of FEBRUARY 26, 1976
authorizing the diversion of 1.95 cu. ft. per second of the waters of GROUNDWATER
for IRRIGATION purposes, in HAMLIN 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:

110' DEEP WELL WITH 16" STEEL CASING - 15' SS SCREEN.
AURORA 8" VERT-LINE PUMP #85671644 10 RHM-60
POWERED BY 60HP US ELECTRIC MOTOR @ 1770 RPM

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

90' BURIED 8" PUC TO PILOT

C. Works used to apply water to beneficial use.

ELECTROGATOR MODEL 2 GES CENTER PILOT SYSTEM
SERIAL #57663322, WITH NELSON #150 END GUN (THIS
SYSTEM ALSO USED ON PERMIT NO 2579-3 - HAS TWO WELLS)

The system is in the following condition: GOOD

The point of diversion is located 90' S OF THE CENTER OF THE
SE⁴, SECTION 7, T114N, R51W

The works are capable of diverting and conveying to the place of use 2.0cu. 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 135 ACRE CIRCLE IN THE
SE⁴, SECTION 7, T114N, R51W

comprising a total of 135 acres of land. = 1.93Date JUNE 10, 1983

[Signature]
(Signature)

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

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

Water Resources Engineer
605 773-3352

March 7, 1984

NOTICE

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

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

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

Water Rights Division
605 773-3352

March 14, 1984

2061-3

2578-3

2579-3

3888-3

4440-3

4682-3

Rhody Brothers
Rt 2, Box 117
Castlewood SD 57223

Dear Sirs:

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 No. 4682-3 and the date hearings are to be held before the Water Management Board to determine any action to be taken concerning this violation. Notice was also sent concerning possible Board action to amend Water Permit Nos. 2061-3, 2578-3, 2579-3 (Virgil Rhody), 3888-3 (V Rhody & Todd Woertink), and 4440-3 (Rhody Brothers) if the questionnaires were not submitted. Our records now show that you have returned these 1983 Irrigation Questionnaires and are no longer in violation.

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:ks

Equal Opportunity Employer

#2578-3
#2579-3

 **Department of
Water & Natural Resources**

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

February 17, 1989

Virgil C. Rhody
RR 2, Box 117
Castlewood, Sd 57223

Dear Mr. Rhody:

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;

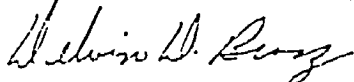


Each of these equipment requirements are discussed more thoroughly in Sections 74:02:09:05 through 74:02:09:10 of the enclosed rules. Appendix A contains diagrams of the arrangements of these anti-pollution devices.

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



2578-3

DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE SOUTH DAKOTA 57501-3181

February 16, 1994

VIRGIL C RHODY
RR #2 BOX 117
CASTLEWOOD SD 57223

NOTICE

RE: Violation of Requirement to Submit 1993 Irrigation Questionnaire

Our records indicate that the 1993 Irrigation Questionnaire has not been submitted for Permit No(s) 2578-3 & 2579-3. The request for the Questionnaire was dated October 18, 1993. The Water Management Board has directed that owners of water permits who have not submitted the 1993 Irrigation Questionnaire be given notice of hearing to determine if any Board action is to be taken concerning the violation.

The hearing will be held at 8:45 am, April 6, 1994, at the Golden Hills Resort, 900 Miners Ave, Lead, SD, and will be conducted pursuant to SDCL 46-1-12, 46-1-14, 46-2-9, 46-2-11 and 46-2-17. These are contested case hearings pursuant to SDCL 1-26. Following the hearing, the Water Management Board can:

1. Amend Permit No(s) 2578-3 & 2579-3 to require the Irrigation Water Use Questionnaire to be submitted each year;
2. Postpone any action; or
3. Take no action.

The hearing 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(are) received in this office on/or before April 1, 1994, your name will be deleted from the Board agenda.

Very truly yours,

Ron Duvall, Natural Resources Engineer IV
Water Rights Division
605 773-3352



2578-3

DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE SOUTH DAKOTA 57501-3181

March 3, 1994

Virgil Rhody
Rhody Brothers
RR #2 Box 117
Castlewood, SD 57223

RE: Irrigation Questionnaires for Water Permit Nos. 2578-3, 2579-3, 3888-3, 4440-3 and
4682-3

Dear Mr. Rhody:

I am writing to acknowledge receipt of your 1993 irrigation questionnaires. You may disregard the February 16, 1994, Notice of Violation of Water Permits and the 1993 irrigation Questionnaire Requirements.

The questionnaires were received in our office prior to the Water Management Board meeting and your name has been deleted from the agenda.

If you have any questions, please contact me.

Sincerely,

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



2578-3
DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

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

November 30, 1999

Clarice Rhody
RR 2 Box 117
Castlewood, SD 57223

RE: Water Right Nos. 2061-3, 2578-3, 2579-3, 4440-3 & 4682-3

Dear Mrs. Rhody:

Thank you for sending in your 1999 irrigation questionnaires. In response to your questions on how to transfer the water rights, I am enclosing partially completed "Notice of Transfer of Ownership" forms for use filing ownership changes.

You are correct about Water Right No. 2579-3 needing to be transferred to your name. Please review the enclosed form pertaining to No. 2579-3 and complete as needed. The form will need to be signed in the presence of a notary public and returned to our office with a required filing fee of \$2.50. The check or money order can be made payable to the "Water Rights Program."

The remaining water rights will need to be transferred after the land is sold on December 4th. The process is the same for transferring the water rights to new owners. They will need to complete the transfer of ownership form and return it along with a filing fee of \$2.50 (for each water right). You can go ahead and give the forms to the new owner(s) once the land is sold. They are responsible for signing the forms and following up on the transfers.

Thank you for getting in touch with me regarding the ownership changes. If I can answer any questions for you about the water rights or completion of the transfer forms, please let me know.

Sincerely,

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

enclosures

NOTICE OF TRANSFER OF OWNERSHIP

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

No. 2578-3



Date: 3/28/00

I/We request that Water Right No. 2578-3

formerly owned by: Virgil C Rhody

be transferred to: (name & address) Emily H. Hanson 7208 E. Evergreen Blvd
Vancouver Wash 98661 Telephone No. 206 573 3818

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

135 acres - SE 1/4 Section 7, T114N, R51W

I/We understand that the validity of Water Right No. 2578-3 has not been determined by this transfer action. If I/We have any questions on validity, I/We understand that only the Water Management Board has the authority to determine if a water permit/right is valid (see note).

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

A fee of Two Dollars and Fifty Cents (\$2.50) is required to cover the filing fees as required under SDCL 46-2-13. This form must be signed by the new owner.

STATE OF SOUTH DAKOTA

County of _____

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

[Signature]
(Signed)

Subscribed and sworn to before me this 25 day of March, 2000.

[Signature]
(Notary Public)
Notary Public, South Carolina, State at Large
My Commission Expires Nov. 22, 2006

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

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

RECEIPT

Water Rights Program

South Dakota Department of Environment and Natural Resources

N^o 416459

Pierre, _____ April 3, 2000

RECEIVED OF Randy H. Hanson, 2208 E. Evergreen Blvd., Vancouver, WA 98661
the following amount in fees for services rendered as provided for by law:

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

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

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

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

Fee for Filing Transfer Form Water Right No. 2578-3

Fee for Filing Extension Request _____

Fee for _____

2 50

(Any Other Work Provided by Law)

Total

2 50

By

Chief Engineer

Harold E. [Signature]



2578-3

DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

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

April 6, 2000

2578-3

4440-3

4682-3

Randy H Hanson
2208 E Evergreen Blvd
Vancouver, WA 98661

Dear Mr. Hanson:

Thank you for following up on the ownership changes for Water Right Nos. 2578-3, 4440-3 and 4682-3. The transfers have been completed and the water rights are now listed in your name.

Enclosed are your Receipt Nos. 416459, 416460 and 416461 in the amount \$2.50 each. I am sending a copy of the receipts and the transfer forms to Les Hanson for his files. It is my understanding that he operates the systems for you.

If you have any questions concerning the transfers or the water rights, please get in touch with me.

Sincerely,

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

enclosures

c: Les Hanson

Prepared by Dick Fadgen, Beadle Co., Extension Agent Virgil C. Rhody, Unit No. 3

Dick Fadgen

SE $\frac{1}{4}$ Section 7

T-114N

R-51W

X-Proposed Well
Location

135 ft. GP

X CP
① 410 91' S of CP

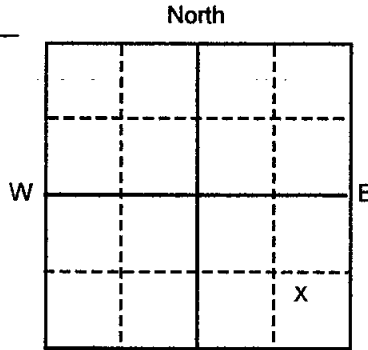
Return to
Map Cabinet

SOUTH DAKOTA WATER WELL COMPLETION REPORT

11-02

Location SE ¼ SE ¼ Sec 7 Twp 114N Rg 51WWell Owner: RANDY HANSONCounty HAMLIN

Business Name: _____

Address: 16 WEST McELHANEY RDCity, State, Zip: TAYLOR SCPlease mark well
location with an "X"

Well Completion Date

August 17, 2015

1 Mile

Distance to nearest potential pollution source (septic tank, abandoned well, feed lot, etc.)?
ft. from _____ (identify source)

PROPOSED USE:

☐ Domestic/Stock ☐ Municipal ☐ Business ☐ Test holes
☒ Irrigation ☐ Industrial ☐ Institutional ☐ Monitoring well

METHOD OF DRILLING:

DIRECT ROTARY

CASING DATA:

☐ Steel ☒ Plastic ☐ Other

If other describe _____

PIPEWEIGHT	DIAMETER	FROM	TO	HOLE DIAMETER
40.0 LB/FT	16.00 IN	0.0 FT	89.0 FT	24.00 IN
LB/FT	IN	FT	FT	IN
LB/FT	IN	FT	FT	IN

GROUTING DATA:

Grout Type	No. of Sacks	Grout Weight	From	To
GRTWELDF	33	54.0 Lb/gal	0.0 Ft	85.0 Ft
		Lb/gal	Ft	Ft

Describe grouting procedure

PRESSURE PULL

SCREEN:

☐ Perforated pipe ☒ Manufactured
Diameter 16.00 Inches Length 20.0 FeetMaterial STAINLESS STEELSlot Size .060 Set From 98.0 Feet to 118.0 Feet

Other information _____

WAS A PACKER OR SEAL USED?

☐ Yes ☒ No

If so, what material? _____

Describe packer(s) and location _____

DISINFECTION: Was well disinfected upon completion?

☐ Yes, How? _____

☐ No, Why Not? _____
Lab to which water
quality sample sent for analysis

WELL LOG:

FORMATION	DEPTH	
	FROM	TO
YELLOW CLAY	1	38
BLUE CLAY	38	48
YELLOW GRVL TIGHT MIX ROCKY	48	56
BLUE CLAY	56	84
YELLOW GRAVEL TIGHT	84	86
BLUE CLAY	86	89
GREY MED-COURSE	89	118

STATIC WATER LEVEL 60.0 FEET

If flowing: closed in pressure _____ PSI

GPM flow _____ through _____ Inch pipe

Controlled by ☐ Valve ☐ Reducers ☐ Other _____

Reduced flow rate _____ GPM

Can well be completely shut in?

WELL TEST DATA:

☒ Pumped Describe: SUBMERSIBLE
☐ Bailed

☐ Other

Pumping Level Below Land Surface

86.0 Ft. After 4.0 Hrs. pumped 1,300.0 GPM

_____ Ft. After _____ Hrs. pumped _____ GPM

If pump installed, pump rate: _____ GPM

REMARKS

RECEIVED

FEB 01 2016

WATER RIGHTS
PROGRAMBIG PUMP: BOOKINGS NRThis well was drilled under license # 689 and this report is true and accurate.Drilling firm: KAISER WELL DRILLING INC

Signature of License Representative: _____

Signature of Well Owner or Equitable Property Holder: _____

Date: _____