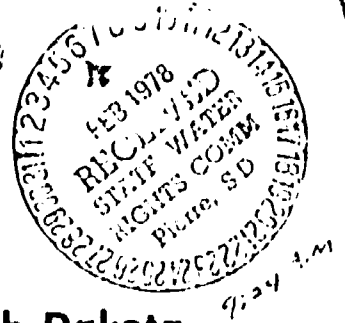


Water Right Number 4223-3

1. Considered MARCH 28, 1978
2. Name of Applicant DONALD J. FLADMARK
3. Post Office Address SIOUX FALLS, S.D.
4. Amount of water claimed 1.43
5. Source of water supply 2-- 32' DEEP WELLS
6. Water to be used for IRRIGATION
- Acres to be irrigated 100.0
7. Water to be diverted and used in MINNEHAHA County
about 8 1/2 Miles WEST of BALTIC
8. Proof of Publication Received 3-16-78
Not received _____
9. Application Approved 3-28-79
Subject to WI
Not approved _____
Action deferred _____

10. Remarks:

No. 4223-3Map No. 3444-3 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 Donald J. Fladmark
 Postoffice address Rt 3 Sioux Falls SD, State S-D 57101 57018

If a corporation show date and place of incorporation _____

2. Method of accomplishing work (contract, employment of others, or by direct labor) Contract & Direct Labor3. Name of diversion work Fladmark Irrigation Project #14. Amount of water claimed (cubic feet per second) 1.435. Source of water supply 2 nearly identical wells6. Location of point of diversion Well #1 - 1120' N 83° W of SE corner Sec 6-103-50
Well #2 - 1110' N 120° W of NE corner Sec 7-103-50County Minnehaha7. Annual period or periods during which water is to be used April through October8. Use to be made of water, (irrigation, industrial, municipal, commercial, recreation, etc.) Irrigation9. For irrigation use, Total number of acres to be irrigated 100

List below each forty acre subdivision, or lot, or fraction thereof and show number of acres to be irrigated in each.

Land Description	No. Acres Irr.	Land Description	No. Acres Irr.
SE ¹ of SE ¹ Sec 6-103-50	38		
NE ¹ of NE ¹ Sec 7-103-50	35		
SE ¹ of NE ¹ Sec 7-103-50	27		

Attach sheet if more space is needed

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

11. Choice of newspaper for Notice of Intent to Appropriate Water publication Sioux Falls Argus Leader

12. Principal Features of the Proposed Water Supply System.

A. Works proposed to divert water from its natural source. 2 wells with deep well electrically driven pumpsB. Works proposed to transport water to place of use. closed conduitC. Works proposed to apply water to beneficial use. Hose pull big gunEstimated Total Cost \$ 50,000

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 Brookings) ss.I, Donald Fladmark, 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 constructionSigned Donald FladmarkSubscribed and sworn to before me this 12 day of Jan 1978John W. Williams
Notary Public (or other qualified officer)

WATER RIGHT APPLICATION APPROVAL

The Water Rights Commission hereby approves Water Right Application No. 4223-3

DONALD FLADMARK
(Applicant)

RT 13, SIOUX FALLS Colton
(Post Office Address)

SOUTH DAKOTA 57101 57018 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 adequate domestic wells or in irrigation wells having prior water rights.

Date of first receipt of application FEBRUARY 6, 19 78

Date of return to applicant for correction, amendments or changes required _____, 19 _____

Date of receipt of corrected application _____, 19 _____

Approved MARCH 28, 19 79, Recorded in Book 20 Page 266

WATER RIGHT PERMIT NO. 4223-3

The Water Rights Commission hereby grants and issues this Water Right Permit No. 4223-3 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 6, 19 78
2. The equivalent of at least one-fifth of the work above specified is to be completed on or before SEPT. 28, 19 81
3. The whole of said work is to be completed on or before MARCH 28, 19 81
4. The limit of time from proof of beneficial use of water appropriated in accordance herewith is MARCH 28, 19 87
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 1.43 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, 1 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 28, 19 87; said water to be used during the following described annual period: APRIL - OCTOBER

Witness my hand this 9th day of APRIL, 19 79

WATER RIGHTS COMMISSION

By:

John Hatch
Chief Engineer, Executive Officer

Certificate of Construction Issued NOVEMBER 10, 19 81

Water License Issued NOVEMBER 10, 19 81

IRRIGATION SUPPLIES

- Berkeley Pumps
- F-Z Rain Machines
- Aluminum or Plastic Pipe
- Nelson Volume Guns
- Traveling Gun Hose
- Hygrostatic Center Pivot
- Deep Well Turbine Pumps
- Hot Vulcanized Hose Repair
- Gravel Packed Irrigation Wells
- Test Boring

ED H. LACEY & SONS

Box 796

TRENT, SOUTH DAKOTA 57065

Phone (605) 428-5686 Ed (605) 428-5979 Jim

John:

The following is a log for
Don Thadmark at Lyons.

0-4 Top soil heavy black
4-6 Sandy
6-12 Med coarse gravel some fuzz or silt.
12-26 med coarse gravel ~~or~~ very little fine
26-32 med but clean
32 Clay.

Mike E Lacey

ED H. LACEY & SONS
P.O. Box 796
TRENT, S. DAK. 57065
Phone (605) 428-5686

2 nearly identical wells.

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 2' 11", Depth 32'
- (2) Casing, Type Steel, Diameter 14", Thickness 1/4"
- (3) Perforated Screen.
Type WIRE MESH, Diameter 14", Length 10'
- (4) Gravel Pack, Thickness 4' 5", Length of gravel pack 18'

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 6' to 12' med sand
12' to 26 med sand fairly clean
26-32 med to fine but clean very
little silt. 32' clay

Depth to top of water bearing material 6' to water

Depth to bottom of water bearing material 32' to bottom Blue Clay

Thickness of water bearing material 26'

Depth to water (ground surface to water level) 6'

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

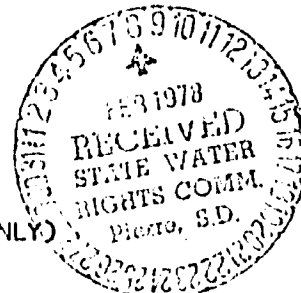
On same owner's property _____ rds. On property owned by others 70 rds.

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.

Donald H. H. H.
Signature of Applicant

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 Donald Fladmark
ADDRESS Rt 3 Sioux Falls
COUNTY Minnehaha

LEGAL DESCRIPTION

1. WELL LOCATION SE¹ of SE⁴ Sec 6 + part of E² of NE¹ 103-50
2. LOCATION OF AREA TO BE IRRIGATED SE¹ of SE⁴ Sec 6 + part of E² of NE¹ Sec 7 103-50

TYPE OF IRRIGATION

3. GRAVITY _____ TOWLINE _____ CENTER PIVOT _____ GUN Hose pull
4. CROPS TO BE IRRIGATED Corn + alfalfa

WATER QUALITY

5. SAMPLE NUMBER 78-039
6. SALINITY (EC X 10⁶) 662 (medium)
7. SODIUM (SAR) 0.25 (low)
8. RESIDUAL SODIUM CARBONATE (meq/l.) 0.00

Adj. SAR = 0.61

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 _____ 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.

Donald Fladmark
APPLICANT'S SIGNATURE

SUBSCRIBED AND SWORN BEFORE ME THIS
19 DAY OF Jan 19 78.

John S. [unclear]
(TITLE OR SEAL)

Albert J. [unclear]
APPROVED/COMMISSIONER

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

Submitted by: Donald Mladnick
Address: Rt. 3
Sioux Falls, SD 57101

Date Rec'd. January 24, 1978
Sample No. 75-039
Identification Cell-
Box, Sec. 6, T. 103N, R. 50W

WATER ANALYSIS

Calcium (Ca)	120	ppm*	6.00	me/l**
Magnesium (Mg)	29	ppm	2.36	me/l
Sodium (Na)	12	ppm	0.52	me/l
Potassium (K)	2	ppm	0.05	me/l
Sulfate (SO ₄)	86	ppm	1.79	me/l
Nitrate (as N)		ppm		me/l
Chloride (Cl)	11	ppm	0.32	me/l
Bicarbonate (HCO ₃)	295	ppm	4.84	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)	242	ppm (as CaCO ₃)		
Alkalinity (Phenolphthalein)	0	ppm (as CaCO ₃)		
Electrical Conductivity	662	micromhos per cm at 25° C.		
Sodium Adsorption Ratio	0.25	Adjusted SAR	0.61	
Sodium	5.82	% of cations		
Residual sodium carbonate	0.00	me/l		
pH	7.82			
Others:				

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

COMMENTS: Total cations 8.93 me/l
Total anions 6.95 me/l

By: Shirley Hittan

- Service Performed

Amount Due

Irrigation analysis

\$15.00 PAID

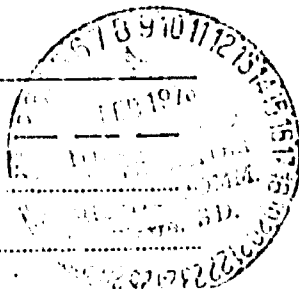
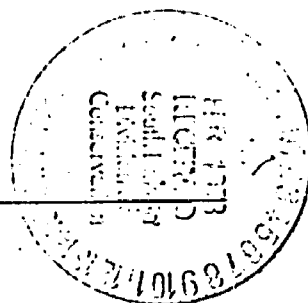
Make checks payable to: Water Quality Laboratory

Cut along dotted line and return the lower portion with payment

Sample No. 75-039

Amount Enclosed \$

Signed



APPLICANT
APPROVAL/FORM
6/77

Department of Agriculture

DIVISION OF CONSERVATION

SIGURD ANDERSON BUILDING, ROOM 322

PIERRE, SOUTH DAKOTA 57501

AC/605 - 224 - 3258

(LETTER OF APPROVAL)

DATED: February 3, 1978

Mr. Donald Fladmark
(Name)

Route #3
(Street or Box No.)

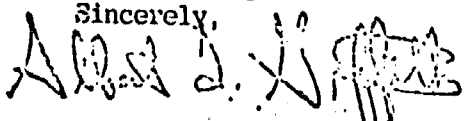
Sioux Falls, South Dakota 57101
(City & State)

LEGAL DESCRIPTION: SE $\frac{1}{4}$ of SE $\frac{1}{4}$ Section 6 and Part of E $\frac{1}{2}$ of NE $\frac{1}{4}$ Section 7-103-50

COUNTY: Minnehaha

This is to notify you that your application for soil/water compatibility
(WI #1) Form) has been approved and forwarded to the Water Rights Commission.

Sincerely,



Albert L. Griffiths, Director
DIVISION OF CONSERVATION

A/



SOUTH DAKOTA DEPARTMENT OF AGRICULTURE
DIVISION OF CONSERVATION

(RECOMMENDED MANAGEMENT)

NAME OF APPLICANT Donald Fladmark, Sioux Falls, South Dakota

RECOMMENDED MANAGEMENT:

1. Water should not be applied more than ~~XXXXXXXXXX~~ times during the irrigation season. According to crop requirements
2. Each uninterrupted application (one rotation of center pivot) should be of at least ~~1-2 inches~~, inches of water. According to crop requirements, also according to fertilizer applications, that you do not want leached away to the underlying sandy materials.
3. ☐ Yes ☐ No Surface drainage suggested
4. ☐ Yes ☐ No Subsurface drainage suggested
5. ☐ Yes ☐ No Specific land areas that ~~XXXXXXXXXX~~ may require additional management is the Hidewood Silty Clay Loam area (which is small)

See Below.

6. ☐ Deep tillage (For the purpose of aiding movement of water through dense subsoils)
7. ☐ Heavy fall application of irrigation water

Even though the Hidewood area is small in comparison to the Fordville Loam, it would perhaps be the most productive if water does not pond. To alleviate ponding possibilities surface drainage should be your first consideration.

Along with surface drainage, you may want to consider moving dirt from the more permeable areas (Fordville) to give you a few more inches of permeable soil over the Hidewood Silty Clay Loam. This would tend to make your two soils more alike in initial intake rates; however, the Fordville will still require more frequent irrigations than the Hidewood.

Soil Conservation Service would advise you on the possibility or feasibility of any dirt moving considerations. Looks like a good little project.

Copy to Applicant - 1
Copies to Water Rights - 2
Copy to File - 1



Permit No. 4223-3

Water Diversion No. 3 Big Sioux River Water District
10170203

CERTIFICATE OF CONSTRUCTION

This is to Certify, That Donald Fladmark

the holder of

Permit No. 4223-3, issued upon Application No. 4223-3, bearing date of priority of February 6, 1978 authorizing the diversion of 1.43 cu. ft. per second of the waters of ground water (one well) County of Minnehaha, State of South Dakota at a point 1250'W & 330'N of the SE corner, Section 6, T103N, R50W (DD)

for irrigation

purpose has been 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 1.11 cu. ft. per second of water.

Date November 10, 1981

John Hatch
JOHN HATCH, Chief Engineer
Water Rights Division

STATE OF SOUTH DAKOTA

WATER LICENSE NO. 4223-3.

(1) WHEREAS, On the 6th day of February A. D. 19 78
Ronald Fladmark

made Water Right Application No. 4223-3 for a permit to use 1.43 cubic feet per second of the waters
of ground water (one well)
County of Minnehaha, State of South Dakota, for irrigation
_____ purposes; and

(2) WHEREAS, On the 28th day of March A. D. 19 79
Permit No. 4223-3, with a date of priority of February 6, 1978

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 28th day of March A. D. 19 84 and for the
application to beneficial use of said water on or before the 28th day of March A. D. 19 87

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 1.11 cubic feet
per second of water for beneficial use and,

(4) WHEREAS, It is hereby certified that the applicant has complied with the provisions of the laws of the State of South Dakota
relating to the application of water to beneficial use of the following extent,

for irrigating the following land all in T103N, R50W,

Section 6 SE $\frac{1}{4}$ SE $\frac{1}{4}$ 33 acres (DD)

Section 7 NE $\frac{1}{4}$ NE $\frac{1}{4}$ 35 acres (AA)

Section SE $\frac{1}{4}$ NE $\frac{1}{4}$ 27 acres (AD)

TOTAL 95 acres

(5) NOW, THEREFORE, By the virtue of the authority vested in us by the laws of the State of South Dakota, We hereby grant and confirm to Donald Fladmark

_____ of Colton, South Dakota

the holder _____ and owner _____ of said permit No. 4223-3 a water right, dating from February 6, 1978

_____ to use of 1.11 cubic feet per second of the waters of ground water (one well)

in the County of Minnehaha and State of South Dakota, or so much thereof as may be necessary for the purposes hereinbelow mentioned, to be diverted at a point 1250'W and 330'N of the SE corner, Section 6, T103N, R50W

and conducted to and upon portions of Section 6 and 7, T103N, R50W more fully described on the face of this License

for the purpose of irrigation

Subject to any limitations listed in Water Right Permit No. 4223-3 and subject to the laws of the State of South Dakota.

WITNESS, My hand and seal of our office at Pierre, South Dakota
this 10th day of November A. D.
Nineteen Hundred and Eighty-one

WATER MANAGEMENT BOARD

By: John Hatch
Chief Engineer, Executive Officer JOHN HATCH

Publish first publication, on or before March 10, 1978

NOTICE OF HEARING ON
APPLICATION TO APPROPRIATE WATER

Pierre, South Dakota 57501

February 13, 1978

Notice is hereby given that Donald J. Fladmark whose post office

address is Sioux Falls, South Dakota, has made an application in accordance with the provisions of SDCL 46-1-1 thru 46-1-8; 46-2-9 thru 46-2-11, 46-2-13; 46-3-1 thru 46-5-8, 46-5-10 thru 46-5-22, 46-5-41, 46-6-3, 46-6-5, 46-6-6.1, 46-6-10, 46-6-14 and Commission Rules ARSD 52:01:01:01 thru 52:01:01:13, for a permit to appropriate for beneficial use 1.43 cubic feet of water per second of time from two groundwater (non wells) through the Fladmark Irrigation Proj. #1 the point of diversion of which is to be located in the SE 1/4 SE 1/4 of Section 6-T103N-R50W and in the NE 1/4 NE 1/4

of Section 6, Twp. 103N Range 50W. Said water to be used for the purpose of providing irrigation on portions of the following described land:

SE 1/4 SE 1/4 Section 6-T103N-R50W and E 1/4 NW 1/4 Section 7-T103N-R50W

This Application No. 4223-3 will be considered by the Water Rights Commission at

The Guest House in Watertown SD upon the 20th day of March, 1978 at 10 A.M. The Commission is authorized to make a determination on this application at the hearing. All interested persons may appear and be heard. Any person who may be affected by a Commission decision who desires to present evidence or cross-examine witnesses according to SDCL 1-26 may notify the Commission in writing prior to the hearing or orally at the hearing.

WATER RIGHTS COMMISSION

NOTE:

Betty Westlund
Water Rights Specialist

cc: Donald J. Fladmark
Rt 1 3
Sioux Falls 57101

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

No. 4223-3

PROOF OF PUBLICATION

STATE OF SOUTH DAKOTA)
County Minnehaha) ss.

I, JOHN K. KOIL hereby
certify that the annexed printed copy of Notice of Intent to Appropriate
Water was taken from the Sioux Falls Argus-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 _____

City Sioux Falls of Minnehaha
County of Minnehaha and State of South Dakota;
that the said notice was published in said newspaper on the following
dates:

March 8, 15

John K. Koil
(Signature)

Controller

(Title)

March 15, 1978

(Date Signed)

No. 4223-3
NOTICE OF HEARING
ON APPLICATION TO
APPROPRIATE WATER
February 13, 1978
Pierre, South Dakota 57501
Notice is hereby given that Donald
J. Fladmark, whose post office address
is Sioux Falls, South Dakota, has made
an application in accordance with the
provisions of SDCL 46-1-1 thru 46-1-8;
46-2-1 thru 46-2-13; 46-5-1 thru
46-5-8; 46-5-10 thru 46-5-22; 46-5-41; 46-6-
3; 46-6-5; 46-6-6.1; 46-6-10; 46-6-14 and
Commission Rule ARSD 52:01:01-01
thru 52:01:01:13, for a permit to ap-
propriate for beneficial use 1.0 cubic
feet of water per second of time from
groundwater (two wells) through the
Fladmark Irrigation Project at the
points of diversion of water to be
located in the SE 1/4 Section 6
T103N-R50W and in the NE 1/4 NE 1/4
Section 7, Twp. 103N Range 50W. Said
water to be used for the purpose of
providing irrigation on portions of the
following described land:
SE 1/4 SE 1/4 Section 6 T103N-R50W
and E 1/4 NE 1/4 Section 7 T103N-R50W
This Application No. 4223-3 will be
considered by the Water Rights
Commission at The Guest House in
Watertown SD upon the 28th day of
March, 1978 at 10 A.M. The Com-
mission is authorized to make a
determination on this application at
the hearing. All interested persons may
appear and be heard. Any person who
may be affected by a Commission
decision who desires to present
evidence or cross examine witnesses
according to SDCL 1-26 may notify the
Commission in writing prior to the
hearing or orally at the hearing.
WATER RIGHTS
COMMISSION
Betsy Westlund
Water Rights Specialist
March 8, 15, 1978



RECEIPT

WATER RIGHTS COMMISSION

State of South Dakota

No 4 6335

PIERRE, February 6, 1978

RECEIVED OF Donald J. Fladmark, Rt 3, Sioux Falls FUND 290
the following amount in fees for services rendered as provided for by law:

Fee for Application for Permit to Appropriate Water No. <u>4223-3</u> (examination, processing, recording and filing)	250	00
Fee for inspecting Construction, and issuing Cert. of Construction No.		
Fee for Inspecting Beneficial Use, and issuing Water License No.		
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	250	00

WATER RIGHTS COMMISSION

By John Hatch
Chief Engineer, Executive Officer
JOHN HATCH E.J.W.



No. 4223-3

Department of Natural Resource Development

WATER RIGHTS COMMISSION

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

April 3, 1978

Donald J. Fladmark
Rt. 3
Sioux Falls, SD 57101

Dear Mr. Fladmark:

The Water Rights Commission deferred action on your Application

No. 4223-3 at the March 29, 1978

Commission meeting, pending investigation by the Commission Staff.

If you have any questions, feel free to contact this Office.

Very truly yours,

JOHN HATCH, Chief Engineer
Water Rights Commission

JH/bw

No. 4223-3

December 14, 1978

Donald Fladmark
Rt. 3
Sioux Falls, SD 57101

Dear Mr. Fladmark:

In reply to our telephone conversation on this date concerning the reconsideration of your application no. 4223-3, the Chief Engineer has tentatively scheduled reconsiderations of deferred permits in Minnehaha County for the March 28th and 29th, 1979 meeting of the Water Rights Commission. You will be informed of the exact scheduling time and date prior to the meeting.

Please advise this office of any further questions.

Very truly yours,

James Winterton
Water Resources Engineer

JW/bt



Department of Natural Resource Development

WATER RIGHTS COMMISSION
Joe Foss Building, Pierre, South Dakota 57501
Phone 605/73-3151

March 14, 1979

TO: Holders of Deferred Applications in the Skunk Creek Aquifer in
Minnehaha and Moody Counties

FROM: John Hatch, Chief Engineer, Water Rights Commission

SUBJECT: Reconsideration of Deferred Applications

The Water Rights Commission will reconsider deferred water right applications in the Skunk Creek aquifer in Minnehaha and Moody Counties at 2:00 p.m. on March 28, 1979, at the Community Room, Pierre City Hall, 222 East Dakota Ave, Pierre, South Dakota.

This reconsideration hearing will be conducted in accordance with the provisions of SDCL 46-1-1 thru 46-1-9; 46-1-14; 46-2-9 thru 46-2-11; 46-2-13; 46-5-1 thru 46-5-8; 46-5-10 thru 46-5-22; 46-5-41; 46-6-3; 46-6-5; 46-6-6.1; 46-6-10; 46-6-3.1; 46-6-14 and Commission Rules ARSD 52:01:01:01 thru 52:01:01:13.

These Applications were deferred by the Water Rights Commission in 1977 and 1978, pending Staff investigation.

After reconsideration of the deferred applications the Commission can approve, conditionally approve, defer, or deny all or part of the Application.

This hearing is an adversary proceeding. Any person 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 at the hearing. Decisions of the Commission may be appealed to the Courts as provided by law.

Very truly yours,

A handwritten signature in cursive script that reads "John Hatch".

JOHN HATCH, Chief Engineer
Water Rights Commission

JH:kjw

4223-3

REVIEW OF SKUNK CREEK AQUIFER WATER RIGHT APPLICATIONS

March 21, 1979

There are two reports to review, one, is entitled the Hydrogeology of the Glacial Drift in the Skunk Creek - Lake Madison Drainage Basin by D.G. Adolpson and M.J. Ellis of the US Geological Survey and the second is entitled A Report on Skunk Creek Water Right Applications dated March 6, 1978 by Gale N. Selken, a hydrologist for the Water Rights Commission.

The additional information gathered during the spring of 1978 with the installation of five observation wells allows the creation of the potentiometric map and confirms the estimates of water in transient storage. Also, these wells will provide a means to continuously monitor the entire length of the middle aquifer should further development occur. The name Middle Aquifer comes from the report by Adolpson and Ellis and the aquifer extends from the SW corner of Moody County to the quartzite high just east of Hartford. (See map) Presently all deferred applications are inside the middle aquifer.

Summary:

- 1). Hydrogeologic evidence does not indicate a boundary between the northern and middle aquifer as shown upon the USGS map. There is a good chance there is a constriction of the aquifer, but the regional trend of water levels grade normally through this area. Also there was not enough test drilling done to determine if any portion of the aquifer is buried. In the previous study, test drilling was confined to the flood plain. Subsequent test drilling just north of this boundary for irrigation wells, suggests the possibility of a buried aquifer.
- 2). The 48,000 A/F of water in transient storage in the middle aquifer is accurate and is confirmed by the addition of the six observation wells. Remember that this figure represents the amount of water within the boundaries of the flood plain.
- 3). The hydraulic gradient of the aquifer nearly matches the stream channel slope indicating that the whole stream length is a recharge area during periods of high flows and a discharge area during low or no flow periods. Recharge to this aquifer can be very rapid.
- 4). The southern boundary (quartzite high) acts like a spillway allowing water to pass over during periods of runoff and when the aquifer is full.
- 5). So far, irrigation withdrawals have had no effect upon regional water levels. Conservatively, at least 3,000 A/F of water can be diverted from this aquifer per year. This figure may be increased substantially as soon as pumping records become available and can be compared to runoff records enabling a relationship between runoff and recharge to be established. Under present conditions, the aquifer is basically full.
- 6). There is a considerable difference between total water appropriated and total water use. Actual water use is always much less than the amount appropriated.
- 7). A network of observation wells has been established which can effectively monitor the middle aquifer.

1978 Irrigation Withdrawals

No.	Name	Acreage	C.F.S.	Actual Use	Estimated Annual Use @ 15 inches/Acre
1806-3	Ronald Thompson	146.00	2.1	64 A/F (24 days @ 600 gpm)	182 A.F.
2918-3	Robert Dessen	457.00	6.52	no report	571 A.F.
2923-3	Marvin Tellinghulsen	120.00	1.7	no report	150 A.F.
*3061-3	William Bunde	480.00	6.85	no report	
3350-3	J.P. Burgraff	132.00	1.9	no report	165 A.F.
3437-3	Ronald Thompson	80.00	1.1	no report	100 A.F.
					1333 A.F.
No.	Name	Acreage	C.F.S.	Estimated Annual Use @ 15 inches/Acre	
3624-3	LeRoy Benson	172.00	2.45	215 A.F.	
3625-3	Gertrude Gill	160.00	2.28	200 A.F.	
3709-3	Dennis Eugene Jensen	160.00	2.28	200 A.F.	
3720-3	J.P. Burgraff	156.00	2.0	195 A.F.	
3786-3	Francis Eugene Hoffman	80.00	1.14	100 A.F.	
3840-3	Joe Huntmer	144.00	2.0	180 A.F.	
3924-3	Vernell Johnson	383.00	5.5	479 A.F.	
4210-3	Thomas R. Bunkers	235.00	3.3	294 A.F.	
4223-3	Donald J. Fladmark	100.00	1.4	125 A.F.	
*4358-3	William F. Bunde	260.00	3.71	325 A.F.	
					2313-3 A.F.
TOTAL					3646-3 A.F.

*Application No. 4358-3 is an amended application requesting a change in lands to be irrigated and additional wells. (Note reduction of acreage)

Observation Wells

*Elevation of Water Levels (June 1978)

MA-78A	1558 MSL
S-23	1550 MSL
MA-78B	1545 MSL
MA-78C	1537 MSL
MA-78D	1528 MSL
MA-78E	1518 MSL
S-26	1506 MSL

*See Topographic sheet

* This Report was prepared by James Goodman, Hydrologist, Division of Geological Survey and Water Rights Commission Staff.

JOHN HATCH, Chief Engineer
Water Rights Commission

OVERLAY #1

OBSERVATION WELLS

R 51 W

R 50 W

LAKE MOODY



DEFERRED



APPROVED

PROBABLE AQUIFER
CONTRIBUTION ACTS
LIKE A BARRIER (?)

3640

1570

31

LAKE MINNEHAHA

SUB-E POTENTIAL HYDRO SURFACE

Buffalo Lake

1560

3786

3709

2818

4210

3720

Ular Lake

1540

3350

4223

1530

2023

4556

3623

1520

3623

3437

1806

51

1624

1924

1510

51

6

DEVELOPMENT AND UTILIZATION

1500 FT. HIGH - BARRIERS
TO DRAIN

RECEIPT

WATER RIGHTS COMMISSION

State of South Dakota

No 4 8538

PIERRE, November 5, 1981

RECEIVED OF Donald Fladmark, Rt. 3, Colton, SD 57018

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. 4223-3	50.00
Fee for inspecting Beneficial Use, and issuing Water License No. 4223-3	
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 *(John Hatch)*
Chief Engineer, Executive Officer
JOHN HATCH

Permit No. 4223-3Water Division 3 Big Sioux River Water DistrictREPORT 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 DONALD FLADMARK of SIOUX FALLS Coiton holder of Permit No. 4223-3, bearing date of priority of FEBRUARY 6, 1978 authorizing the diversion of 1.43 cu. ft. per second of the waters of GROUNDWATER for IRRIGATION purposes, in MINNEHAHA 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:

32' DEEP WELL WITH 12" STEEL CASING - 10' JOHNSON IRR. SCREEN
VALLEY 6" PUMP 3 10MHE, POWERED BY 60 HP
GE ELECTRIC MOTOR

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

1/2 MILE OF 6" ALUMINUM MAINLINE

C. Works used to apply water to beneficial use.

EZ RAIN TRAVELLING SPRINKLER WITH NELSON, MODEL P200
BIG GUN WITH 1 1/2" NOZZLE. 660' OF FLEXIBLE RUBBER HOSE - 5"

The system is in the following condition: GOOD

The point of diversion is located 1250' W & 330' N OF THE SE CORNER,
SECTION 6, T103N, R50W

The works are capable of diverting and conveying to the place of use 1.11 (500 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: ALL IN T103N, R50W

SECTION 6	SE ⁴ SE ⁴	33 ACRES
SECTION 7	NE ⁴ NE ⁴	35
	SE ⁴ NE ⁴	27

comprising a total of 95 acres of land.

Date SEPTEMBER 9, 1981
Austin Jones
(Signature)



4223-3

**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

January 30, 1996

NOTICE

TO: DONALD FLADMARK, 25075 467th AVENUE, COLTON, SD 57018

FROM: Ron Duvall, Natural Resources Engineer
for John Hatch, Chief Engineer
Water Rights Program

SUBJECT: Violation of Requirement to Submit 1995 Irrigation Questionnaire

Our records indicate that the 1995 Irrigation Questionnaire has not been submitted for Permit No(s) 4223-3. The request for the Questionnaire was dated October 20, 1995. The Water Management Board has directed that owners of water permits who have not submitted the 1995 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 9:45 am, March 6, 1996, in the Floyd Matthew Training Center, Joe Foss Building, 523 E Capitol, Pierre, 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 Chapter 1-26. Following the hearing, the Water Management Board can:

1. Amend Permit No(s) 4223-3 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 March 1, 1996 your name will be deleted from the Board agenda. If you have any questions or need assistance with completion of the irrigation questionnaire(s), please contact Genny McMath at (605) 773-3352.

Note: Please contact the Water Rights Program, Joe Foss Building, 523 E Capitol, Pierre, SD (605-773-3352) to assure access to the meeting room for the handicapped or to obtain an interpreter for the hearing impaired.

Is your RETURN ADDRESS completed on the reverse side?

SENDER:

- Complete items 1 and/or 2 for additional services.
- Complete items 3, 4a, and 4b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):

1. ☐ Addressee's Address
2. ☐ Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:

DONALD FLADMARK
25075 467th AVENUE
COLTON SD 57018

4a. Article Number

2 348 318 846

4b. Service Type

- | | |
|---|---|
| ☐ Registered | ☒ Certified |
| ☐ Express Mail | ☐ Insured |
| ☐ Return Receipt for Merchandise | ☐ COD |

7. Date of Delivery

12/31/96

5. Received By: (Print Name)

Don Fladmark

6. Signature: (Addressee or Agent)

X Don Fladmark

8. Addressee's Address (Only if requested and fee is paid)

PS Form 3811, December 1994

Domestic Return Receipt

Thank you for using Return Receipt Service.

4223-3



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

February 5, 1996

4223-3

Donald Fladmark
25075 467th Ave
Colton, SD 57018

Dear Mr. Fladmark:

I am writing to acknowledge receipt of your 1995 irrigation questionnaire. You may disregard the January 30, 1996, Notice of Violation of the Requirement to Submit the 1995 Irrigation Questionnaire.

The information was 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,

A handwritten signature in cursive script that reads 'Genny McMath'.

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

NOT TO SCALE

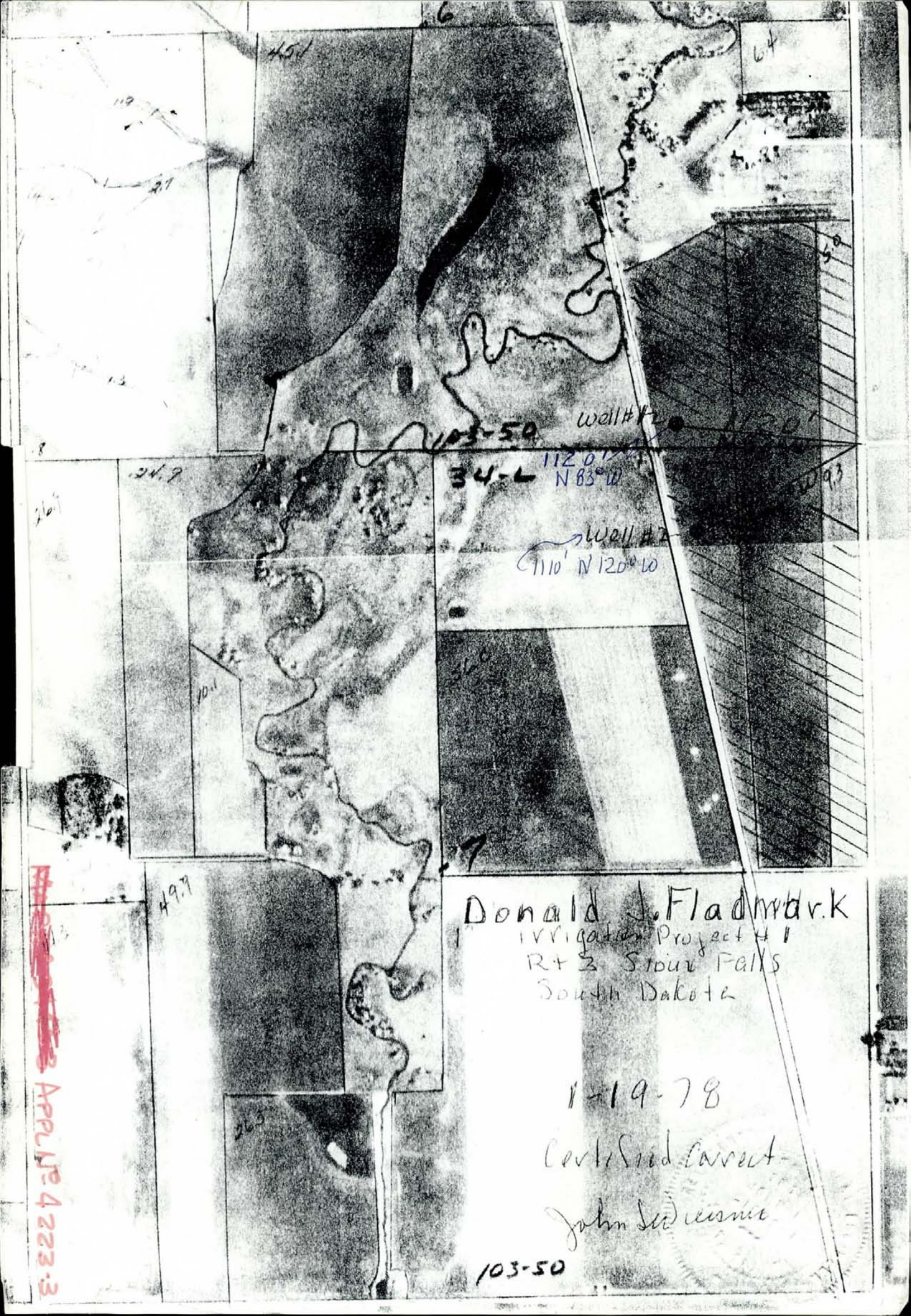
This is an aerial photograph of a coastal region, likely a wetland or marsh area, with various land parcels outlined. The map includes several handwritten annotations in black and red ink. A prominent red line runs horizontally across the middle of the image. In the bottom right corner, there is a detailed diagram of a well system with dimensions and labels.

Handwritten Annotations:

- Top Left:** 20.3, 25.3
- Top Center:** 64.3
- Top Right:** 34-L
- Middle Left:** 68.3, 11.5, 27, 4.6 (circled), 39.8, 1.5, 11, 1.8
- Middle Center:** 45.1, 6, 103-50, 34-L
- Middle Right:** 49.0 (in red), 64
- Bottom Left:** 26.9, 24.9
- Bottom Right:** 14.7, 31.6 (in red), 17.2, 14.2 (in red), 29.0, 9.3, 33.6

Well System Diagram (Bottom Right):

- Label:** O WELL
- Dimensions:** 1250 (horizontal distance), 33.6 (vertical distance), 33.6 (diagonal distance)
- Other Labels:** house, 5.0



103-50

Well #2

34-L

1120' N 83° W

Well #3

1110' N 120° W

Donald J. Fladmark
Irrigation Project #1
Rt 3 Sioux Falls
South Dakota

1-19-78

Carl Fred Carver

John Sedgewick

103-50

APPL 4223.3



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

JOE FOSS BUILDING
PMB 2020
523 EAST CAPITOL
PIERRE SOUTH DAKOTA 57501-3182
www.denr.sd.gov

October 30, 2013

4223-3

L LaVonne Fladmark
25075 467th Ave
Colton SD 57018

Dear Mrs. Fladmark:

I am writing in follow-up to my phone conversation with your daughter concerning the need for an ownership change on Water Right No. 4223-3.

Enclosed is a partially completed Notice of Transfer of Ownership form for filing an ownership change. Please review the form and make any necessary corrections. Upon completion, please sign the form and return it to our office with a required filing fee of \$50.00. The check or money order for the fee can be made payable to the Water Rights Program.

Also enclosed for your records is a copy of Water Right No. 4223-3. If you have any questions, please contact me.

Sincerely,

A handwritten signature in black ink that reads "Genny McMath".

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

enclosures

RECEIVED

NOV 15 2013

WATER RIGHTS
PROGRAM

NOTICE OF TRANSFER OF OWNERSHIP

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

No. 4223-3

Date: 11/12/13

I/~~We~~ request that Water Right No. 4223-3

formerly owned by: Donald Fladmark

be transferred to: (name & address) L. LaVonne Fladmark

25075-467th Ave, Colton, SD 57018

Telephone No. 605-446-3609

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

95 acres - SE ¼ SE ¼ Section 6; E ½ NE ¼ Section 7, T103N, R50W

I/We understand that the validity of Water Right No. 4223-3 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~~ L. LaVonne Fladmark, the new owner, certify that the above information is true and correct.

L. LaVonne Fladmark
(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.

RECEIPT

WATER RIGHTS PROGRAM

South Dakota Department of Environment and Natural Resources

Date 11/15, 20 13

RECEIVED OF Donald Fladmark 25075 467th Ave Colton SD 57018

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	50	00
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>4223--3</u>		
Fee for _____		
Fee for Issuing New Well Driller's License No. _____ for C.Y. _____		
Fee for Renewal of Well Driller's License No. _____ for C.Y. _____		
Fee for Issuing Well Pump Installer's License No. _____ for C.Y. _____		
Fee for Renewal of Well Pump Installer's License No. _____ for C.Y. _____		
(Any Other Work Provided by Law)	TOTAL	50 00

No. **06484**

By Jeanne Goodman
Chief Engineer



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

JOE FOSS BUILDING
PMB 2020
523 EAST CAPITOL
PIERRE SOUTH DAKOTA 57501-3182
www.denr.sd.gov

November 18, 2013

4223-3

L LaVonne Fladmark
25075 467th Ave
Colton SD 57018

Dear Mrs. Fladmark:

I am writing to acknowledge receipt of the transfer form and filing fee you submitted for filing an ownership change on Water Right No. 4223-3.

The ownership change has been completed. Water Right No. 4223-3, formerly held by Donald Fladmark is now listed in your name.

Enclosed for your records is Receipt No. 06484 in the amount of \$50. If you have any questions, please contact me.

Sincerely,

A handwritten signature in black ink that reads "Genny McMath". The signature is written in a cursive, flowing style.

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

enclosure

4223-3



**DEPARTMENT of AGRICULTURE
and NATURAL RESOURCES**

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

March 1, 2022

4223-3

Daniel Fladmark
25075 467th Ave
Colton SD 57018

Dear Mr. Fladmark:

I am contacting you in regard to the water right listed under Lavonne Fladmark. I spoke with Nancy Swenson today concerning the water right and told her I would send some information on the water right and the irrigation reports that have been submitted over the years.

I put together a chart showing the information contained on the annual irrigation questionnaires. For a majority of the years, the land was either irrigated or comments were supplied indicating sufficient moisture or flooding prevented irrigation. These would be legal excuses for not irrigating.

Under South Dakota Water Law, water must be placed to beneficial use for the purpose it was appropriated at least once every three years in order to maintain a water right. This three year period may be waived if legal excuse exists for the years of nonuse. Enclosed for your review are excerpts of water laws and Water Management Board rules dealing with these issues. I highlighted an area under the rules section for legal excuse of water.

The three highlighted years on the chart for 2018, 2020 and 2021 may or may not fall under the legal excuse criteria. The Water Management Board is the entity tasked with making those decisions. If you have any questions, please call Ron Duvall with our program at 773-3352.

Sincerely,

Genny McMath
Water Rights Program
Genny.mcmath@state.sd.us

enclosures

Irrigation Questionnaire Reporting for Water Right No. 4223-3

Year	Irrigated Yes or No	Comments
2021	No	Equipment failure
2020	No	Rented out
2019	No	Land flooded
2018	No	Did not use
2017	Yes	47 acres
2016	Yes	40 acres, center pivot ran 12 hours, then quit
2015	Yes	60 acres
2014	Yes	47 acres
2013	Yes	60 acres
2012	Yes	40 acres
2011	No	Sufficient moisture
2010	No	Sufficient moisture
2009	No	Sufficient moisture
2008	Yes	60 acres
2007	No	Sufficient moisture
2006	No	Sufficient moisture, did not raise corn, wet spring,
2005	Yes	40 acres
2004	Yes	30 acres
2003	Yes	55 acres
2002	Yes	80 acres
2001	No	9" of rain – too wet to irrigate
2000	Yes	10 acres
The land was <u>not</u> irrigated from 1992 through 1999. The reasons listed for most all of those years was flooding and/or sufficient moisture. The only year no reason was given was for 1994. Prior to 1992, there were three random years no irrigation took place and the forms were marked "flooded out"		

Above chart prepared March 8, 2022 by Genny McMath



**DEPARTMENT of AGRICULTURE
and NATURAL RESOURCES**

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

December 4, 2023

4223-3

Boer Investments LLLP
c/o Mike Boer
25166 466th Ave
Colton SD 57018

Dear Mr. Boer:

I have received your "Notice of Transfer of Ownership" form and the required fees. Enclosed is a receipt of payment for your records, along with a copy of the original Water Right.

Water Right No. 4223-3, authorizing the irrigation of 95.0 acres within the SE $\frac{1}{4}$ SE $\frac{1}{4}$ Section 6, and E $\frac{1}{2}$ NE $\frac{1}{4}$ Section 7, all in T103N, R50W, previously owned by Lavonne Fladmark is now listed under Boer Investments LLLP. I have also updated your contact information in our system.

As a reminder, so long as you use the water beneficially, as stated in the Water Right No. 4223-3, State Water Laws provide that you have a continuing right to use the water. Should the water not be put to beneficial use for a period longer than 3 consecutive years, without legal excuse, the Water Right will be subject to cancellation.

If you have any questions, please contact me.

Sincerely,

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

NOTE: If there are any irrigated acres that have been developed outside of the authorized area under Water Right No. 4223-3, additional permitting may be required.

enclosure

NOTICE OF TRANSFER OF OWNERSHIP

For assistance call (605) 773-3352

PAID

Mail to: PMB 2020
DENR - Water Rights Program
523 E Capitol Ave
Pierre, SD 57501-3182

DEC 01 2023

Ck#

Rec't#

Water Right/Permit No. 4223-3Date: Nov 27 2023I/We request that Water Right/Permit No. 4223-3 formerly owned by:Lavonne Fladmark

be transferred to:

New Owner Name: Boer Investments LLLPAddress: 25166 466 AveCity, State, Zip Colton SD 57018 Telephone No. 605-759-1586

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

NE 1/4 EXRY and ex Tract 1 RD and ex PT W of RY in 7-103-50
Portion of the SE 1/4 lying E of RR ROW and S of south line
of Norgaard Tr 1 and including E 1/2 SE 1/4 (ex Norgaard
Tr 1) in 6-103-50, Lyons Twp, Minnehaha County SD

☒ I understand that the validity of Water Right/Permit No. 4223-3 has not been determined by this transfer action. If I have any questions on validity, I understand that only the Water Management Board has the authority to determine if a water right/permit is valid (see note below.)

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 included to cover the filing fee as required by SDCL 46-2-13.

I, Mike Boer, managing member, Boer Inv. LLP, the new owner, certify that the above information is true and correct.

Mike Boer Managing Member
(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.

RECEIPT

WATER RIGHTS PROGRAM South Dakota Department of Agriculture and Natural Resources

Date December 1, 2023

RECEIVED OF Boer Investments LLLP 25166 466 Ave., Colton SD 57018

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>4223-3</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
Em

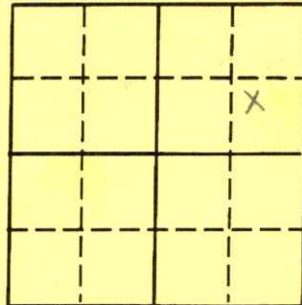
Replacement 4223-3

SOUTH DAKOTA WATER WELL COMPLETION REPORT

11-02

Location SE 1/4 NE 1/4 Sec 7 Twp 103-N Rg 50-WWell Owner: Harold BoerCounty
Minnehaha

North



Please mark well location with an "X"

Well completion Date

1-5-24

Distance to nearest potential pollution source (Septic tank, abandoned well, feed lot, etc.)

1/4 mile ft. from House-septic (Identify source)

PROPOSED USE:

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

METHOD OF DRILLING:

Bucket-False Casing

CASING DATA:

☐ Steel ☒ Plastic ☐ Other

If other describe

PIPEWEIGHT	DIAMETER	FROM	TO	HOLE DIAMETER
<u>20 LB/FT</u>	<u>14 IN</u>	<u>+2 FT</u>	<u>20 FT</u>	<u>20 IN</u>
LB/FT	IN	FT	FT	IN
LB/FT	IN	FT	FT	IN

GROUTING DATA:

Grout Type	No. of Sacks	Grout Weight	From	To
<u>Barbrite 8 w/chy</u>		<u>Lb/gal</u>	<u>0 Ft</u>	<u>8 Ft</u>
		<u>Lb/gal</u>	<u>Ft</u>	<u>Ft</u>

Describe grouting procedure Put in with water to seal better

SCREEN:

☐ Perforated pipe ☒ Manufactured
Diameter 14 Inches Length 12 FeetMaterial PVCSlot Size 100 Set From 20 Feet to 32 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?
Chlorine in pack
☐ No, Why Not?

Lab sample sent to for water quality analysis

2mg.

Business Name:

Address:

46608 252nd St.

City, State, Zip:

Lyons, So Dak. 57041

WELL LOG:

DEPTH

FORMATION

FROM

TO

Sandy Topsoil02Brown Sand29COARSE GRAY GRAVEL932

STATIC WATER LEVEL

9'6"

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

24

Ft. After

1

Hrs. pumped

800

GPM

Ft. After

1

Hrs. pumped

GPM

If pump installed, pump rate:

GPM

REMARKS

Good well for 600 GPM

RECEIVED

MAR 13 2024

OFFICE OF
WATER

This well was drilled under license #

111

And this report is true and accurate.

Drilling firm:

Wacey Well Drilling Inc.

Signature of License Representative:

Signature of Well Owner or Equitable Property Holder:

Date:

3/6/24

523 E Capitol Ave.

Pierre SD 57501

Please return WHITE COPY to: DENR Water Rights