

P 1
Rec'd 2-20-95

From Technical Co

Nov 707

2110 Bell St. Seattle

Smith 42' long 10" dia. 15' dia. 10' dia.
Hollow End Bell 2" Pump 8M 312 CH
Pressure up 5048 US Steel Water @ 1760 RPM
30' L of bell of pipe
3' diam pipe 1' dia

Smith 7006 PM Electrometers Model 675 CP 8' dia. 10' dia. 10' dia.

Smith 52' long 10" dia. 10' dia. 10' dia.
Hollow End Bell 2" Pump 8M 514 CM
Pressure up 5048 US Steel Water @ 1760 RPM
All tested 500' 505 Pits +
500' tested 2" PIC 10' N Port

Electrometers Model 675 CP 2' dia. 10' dia. 10' dia.

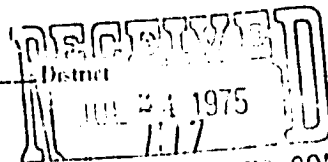
Water Right Number 2437-3

1. Considered 1-22, 19 76
2. Name of Applicant DR. H. P. SANDBERG
3. Post Office Address OMAHA, NEBRASKA
4. Amount of water claimed 3.00
5. Source of water supply GROUND WATER (45' DEEP WELL)
6. Water to be used for IRRIGATING
Acres to be irrigated 284
7. Water to be diverted and used in BROOKINGS County
about 5 N Miles of BRUCE
8. Proof of Publication Received 12-29-75
Not received _____
9. Application Approved _____
Subject to _____
Not approved _____
Action deferred _____

10. Remarks:

PORTIONS OF THIS LAND IS COVERED UNDER PERMIT NO 1580-3.
COMBINATION OF DIVERSIONS UNDER THE TWO PERMITS SHALL
NOT EXCEED THE STATUTORY LIMIT OF 1 CFS FOR EACH 70 ACRES IRRIGATED.
THIS WELL WILL BE LOCATED APPROX. 600' ^{700'} FROM ONE OF THE WELLS
PROPOSED BY THE BROOKINGS-DEVEL. - KINGBROOK WELL.

Map No. 1147-3 Water Division No. 3 Big Sioux River
(Blanks to be filled by the Engineer for the W. R. C.)



APPLICATION FOR PERMIT TO APPROPRIATE WATER RIGHTS COMMISSION PIERRE, SOUTH DAKOTA

To appropriate Water within the State of South Dakota

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

1. Name of Applicant Dr. H. P. Sandberg & Farmers Nat'l Co.
Postoffice address 4820 Dodge St. State Omaha Neb.
If a corporation show date and place of incorporation _____
2. Method of accomplishing work (contract, employment of others, or by direct labor) employment of others
3. Name of diversion work SANDBERG #2
4. Amount of water claimed (cubic feet per second) 550 gpm / from 3.0 PER PHONE CALL FROM MR. GRAVE
5. Source of water supply Well
6. Location of point of diversion S 1/2 SE 1/4 Sec 24-112-51

- County Brookings
7. Annual period or periods during which water is to be used Growing Season May-Sept
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 333 284

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

Land Description	No. Acres Irr.	Land Description	No. Acres Irr.
NW 1/4 of NE 1/4 - 24-112-51	35	NW 1/4 of SE 1/4 - 24-112-51	35
NE 1/4 of NE 1/4 "	36	NE 1/4 of SE 1/4 "	36
SW 1/4 of NE 1/4 "	35	SW 1/4 of SE 1/4 "	35
SE 1/4 of NE 1/4 "	36	SE 1/4 of SE 1/4 "	36

10. Time required to complete construction of water supply system 3 1/2 years Additional time required to complete application of water to the proposed beneficial use _____ years.
11. Choice of newspaper for Notice of Intent to appropriate Water publication Brookings Register
12. Principal Features of the Proposed Water Supply System.

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

irrigation well

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

pump with elec motor with Aluminum pipe - traveling sprinkler

C. Works proposed to apply water to beneficial use.

irrigating crops with volume gun

Estimated Total Cost \$ 17,000

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 Minnesota

County of Pine Stone

I, Gary Braxave

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.

Gary Braxave (Sgt)

Signed H. P. Sandberg
(Gary Braxave Agent)

Subscribed and sworn to before me this 22nd day of July 1975

Gladys Authier Pollock

My Commission Expires Oct. 29, 1981.

Notary Public (or other qualified officer)
Pine Stone County, Minn.

WATER RIGHT APPLICATION APPROVAL

The Water Rights Commission hereby approves Water Right Application No. 2437-3
DR. H. P. SANDBERG 6 FARMERS NATL. Co., Box 230, PIPESSTONE,
 (Applicant) (Post Office Address)
MINNESOTA 56164 With the following modifications:
 (State)

The irrigation well approved under this Permit will be located near domestic wells, ~~and other~~ ^{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.

PORTIONS OF THE LANDS UNDER THIS PERMIT ARE ALSO INCLUDED UNDER PERMIT NO 1580-B. COMBINATION OF DIVERSIONS UNDER THE TWO PERMITS SHALL NOT EXCEED THE STATUTORY LIMIT OF 10 C.F.S. FOR EACH 70 ACRES IRRIGATED.

Date of first receipt of application JULY 24 1975
 Date of return to applicant for correction, amendments or changes required — 19—
 Date of receipt of corrected application OCTOBER 30 1975
 Approved JANUARY 23 1976 Recorded in Book 14 Page 195

WATER RIGHT PERMIT NO. 2437-3

The Water Rights Commission hereby grants and issues this Water Right Permit No. 2437-3 authorizing the construction of the water use system and the putting of water to beneficial use as stated in the Application and as modified in the Water Right Application approval, subject, however, to the following limitations and conditions:

1. The date from which applicant may claim right is OCTOBER 30 1975
2. The equivalent of at least one-fifth of the work above specified is to be completed on or before JULY 23 1977
3. The whole of said work is to be completed on or before JANUARY 23 1979
4. The limit of time from proof of beneficial use of water appropriated in accordance herewith is JANUARY 23 1979
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 3.0 cubic feet per second; neither shall it exceed the capacity of the above described water supply system, nor shall it exceed the amount of water needed for beneficial uses served, and if for the irrigation purposes said appropriation must be limited to not more than 3 acre feet per acre per year and be limited to not more than one-seventieth (1/70) of one cubic foot of water per second of time for each acre of land to which water is actually and beneficially applied for irrigation on or before JANUARY 23 1979; said water to be used during the following described annual period: MAY THRU SEPTEMBER

Witness my hand this 28TH day of JANUARY 1976

WATER RIGHTS COMMISSION

By:

John R. Pott
 Chief Engineer, Executive Officer

Certificate of Construction Issued — 19—

Water License Issued — 19—

IRRIGATION SUPPLIES

- Berkeley Pumps
- E-Z Rain Machines
- Aluminum or Plastic Pipe
- Nelson Volume Guns
- Traveling Gun Hose
- Hygromatic 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 57005

Phone (605) 428-5695 Ed (605) 428-5979 Jim



Well log for Dr. Sandberg

0-2 Topsoil

2-3 Yellow Clay

3-12 Brown Gravel

12-37 Sand & Gravel Mix

37-46 Good Gravel

46'-Clay

6'-static

20'x14"x.100 Johnson Low Carbon Screen

266"x14"x 1/4" Steel Casing

1/4 x 1/8 Rock

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

D. Well Information or Estimates

- (1) Drill Hole, Diameter 20', Depth 45'
(2) Casing, Type 5" 0 Diameter 1 1/2" Thickness 1/4"
(wood, concrete, steel, etc)
(3) Perforated Screen.
Type _____, Diameter _____, Length _____
(4) Gravel Pack, Thickness 3', Length of gravel pack _____

E. Dugout Information or Estimates.

- (1) Surface dimensions _____, Depth _____

F. Fill out for Either a Well or a Dugout.

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

Character of Water bearing materials gravel

Depth to top of water bearing material 10'

Depth to bottom of water bearing material 45'

Thickness of water bearing material 35'

Depth to water (ground surface to water level) 17'

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

On same owner's property 0 rds. On property owned by others 80 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.

Farmers Trust Co
H. D. Sandberg
Manager Agent
Signature of Applicant

Permit No. 2437-3

Water Diversion No. 3 Big Sioux River Water District

CERTIFICATE OF CONSTRUCTION

This is to Certify, That Dr. H P Sandberg

_____ the holder _____ of
Permit No. 2437-3, issued upon Application No. 2437-3, bearing date of priority of November 25,
1968, or October 30, 1970 authorizing the diversion of 3.00 cu. ft. per second of _____
_____ groundwater (two wells) County of Brookings, State of South Dakota at _____
the north well: 500 feet south of the center of NE $\frac{1}{4}$, and South well: 30 feet
east of the center of the SE $\frac{1}{4}$, both in Section 24, T-12N, 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 3.56 cu. ft. per second of water.

Date August 24, 1981

John Hatch
JOHN HATCH, Chief Engineer
Water Rights Division

WATER LICENSE NO. 2437-3

(1) WHEREAS, On the 24th day of July A. D. 19 75

Dr. H P Sandberg

made Water Right Application No. 2437-3 for a permit to use 2.0 cubic feet per second of the waters of groundwater (two wells)

County of Brookings, State of South Dakota, for irrigation

_____ purposes; and

(2) WHEREAS, On the 23rd day of January A. D. 19 76

Permit No. 2437-3, with a date of priority of October 30, 1975 and November 25, 1968 *

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 23rd day of January A. D. 19 79 and for the

application to beneficial use of said water on or before the 23rd day of January A. D. 19 79

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

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

to irrigate a 132 acre circle in the NE1/4 and a 132 acre circle in the SE1/4, both
in Section 24, T112N, R51W

* Water License No. 1580-3 is incorporated into this Water License. Same well drilled under Permit No. 1580-3 is used for north pivot. Priorities are: 1.78 cfs from November 25, 1978 and 1.78 cfs from October 20, 1975.

(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 Dr. H P Sandberg

of Marshall, Minnesota
the holder _____ and owner _____ of said permit No. 2437-3 a water right, dating from November 25, 1968 and
October 30, 1975 to use of 3.56 cubic feet per second of the waters
of groundwater (two wells)

in the County of Brookings and State of South Dakota, or so much thereof as may be necessary for the
purposes hereinbelow mentioned, to be diverted at the north well: 500 feet south of the center of
NE 1/4 and south well: 30 feet east of the center of the SE 1/4, both in Section 24,
T112N, R51W

and conducted to and on a 132 acre circle in NE 1/4 & a 132 acre circle in SE 1/4, both in
Section 24, T112N, R51W

for the purpose of irrigation

Subject to any limitations listed in Water Right Permit No. 2437-3 and subject to the laws of the State of South Dakota.

WITNESS, My hand and seal of our office at Pierre, South Dakota
this 24th day of August A. D.
Nineteen Hundred and Eighty-one

WATER MANAGEMENT BOARD

By:

John Hatch
Chief Engineer, Executive Officer
JOHN HATCH

FOR COMMISSION USE ONLY

STATE CONSERVATION COMMISSION
SUPPORTING INFORMATION

FOR APPROPRIATION OF GROUND WATER IN ACCORDANCE
WITH SDCL 46-6-3 AS AMENDED

(This Form Required for Proposed Well Irrigation Only)

Irrigation System: _____

Water Quality:

Soils Capability;_

Approved

Disapproved: _____

NAME: Dakota Farm
% Tanner, Nels Co
ADDRESS: Box 230, Pipestone, Minn
COUNTY: Brooks

LEGAL DESCRIPTION

1. WELL LOCATION: E 1/2 Sec 24-112-51
2. AREA TO BE IRRIGATED: 30.3 acres

TYPE OF IRRIGATION

3. GRAVITY SPRINKLER (Indicate Type): Gun (Traveling)
4. CROPS TO BE IRRIGATED: Corn & Alfalfa

LAND CAPABILITY FOR IRRIGATION

5. PERCENTAGE OF SLOPE: level
6. PHYSICAL SOILS CLASSIFICATION FOR IRRIGATION: Ext. H₂O. & Fine, silty
Silt - clay suited to Irrigation & frequency of
Irrigation is as recommended.

WATER QUALITY (TO BE COMPLETED BY COMMISSION)

7. SAMPLE NO.: 75-877
8. SALINITY: EC = 82.6 μ mhos/cm (1 cm² - li)
9. SODIUM: SAR = 0.30 (25 cm)

I do hereby certify that a chemical analysis of the ground water to be acquired for irrigation from South Dakota State University and:

the land capability for irrigation information has been acquired from

E 1/2 Sec 24 T 112 N R 51 W

and:

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

Farmers Well Co
H. P. Sandberg

Harry H. Hove Agr.

Subscribed and sworn before me this

21st day of October 19 75.

Gladys Authier Pollock

Gladys Authier Pollock

Notary Public, Pipestone County, Minnesota

My Commission expires Oct. 29th, 1981.

(NOTARIAL SEAL).

(Title)

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

Submitted by: Dakota Farm, Boone, Iowa
 Address: c/o Gary Grove
Farmers National
Box 230
Pipeston, Minnesota 56164

Date Rec'd September 12, 1975
 Sample No. 75-877
 Identification Well
E2, Sec. (51, T 112N, R 51W

WATER ANALYSIS

Calcium (Ca)	96	ppm*	4.80	me/l**
Magnesium (Mg)	35	ppm	2.87	me/l
Sodium (Na)	14	ppm	0.59	me/l
Potassium (K)	21	ppm	0.55	me/l
Sulfate (SO ₄)	92	ppm	1.91	me/l
Nitrate (as N)	5	ppm	0.14	me/l
Chloride (Cl)	364	ppm	5.96	me/l
Bicarbonate (HCO ₃)		ppm		me/l
Carbonate (CO ₃)		ppm		me/l
Iron (Fe)		ppm		me/l
Fluoride (F)		ppm		g.p.g.***
Hardness (EDTA as CaCO ₃)	298	ppm (as CaCO ₃)		
Alkalinity (Methyl Orange)	0	ppm (as CaCO ₃)		
Alkalinity (Phenolphthalein)	826	micromhos per cm at 25° C.		
Electrical Conductivity	0.30			
Sodium Adsorption Ratio	6.69	% of cations		
Sodium	0.00	me/l		
Residual sodium carbonate	7.19			
pH				
Others:				

*ppm=parts per million

**me/l=milliequivalents per liter

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

COMMENTS: Total cations 3.81 me/l
 Total anions 8.01 me/l

By: Shirley Mitten

Service Performed	Amount Due
Irrigation analysis	\$6.00

Make checks payable to: Water Quality Laboratory

Cut along dotted line and return the lower portion with payment

Sample No. 75-877

Amount Enclosed \$

Signed

INTERPRETIVE
GROUPING

LAND USES AND SOILS INFORMATION ON YOUR OPERATION UNIT



I2
Ee
Fp

Ee - Estelline silt loam; Range Site: Silty; WL Group: 3; Slope: 0-2; K-24;
Fp - Fordville loam, deep; Range Site: Silty; WL Group: 3; Slope: 0-2; K-24;
Soils with few limitations that restrict their use.
Deep, loamy, well drained soils on nearly level upland slopes.



IIs3
Fm

Fm - Fordville loam; Range Site: Silty; WL Group: 6; Slope: 0-2; K-24;
Soils with some limitations that reduce the choice of plants or require moderate conservation practices.
Moderately deep, well drained soils with 20 to 40 inches of loamy material over sand and gravel on nearly level upland slopes. Sandy and gravelly subsoils and substrata limit water storage capacity and rooting depths.



IIw1
Ld

Ld - Litmore silty clay loam, drainageways; Range Site: Overflow; WL Group: 2; Slope: 0-2;
Soils with some limitations that reduce the choice of plants or require moderate conservation practices.
Deep clayey and loamy, somewhat poorly or poorly drained soils with slow permeability or that are ponded. They occupy nearly level to flat slopes or slight depressings. Choice of crops and tillage are restricted by seasonal wetness.



IIw3
La

La - Lamoure silty clay loam; Range Site: Subirrigated; WL Group: 2; Slope: 0-2;
Soils with some limitations that reduce the choice of plants or require moderate conservation practices.
Deep, clayey, limy, poorly drained soils on bottom lands that are sometimes flooded. Time of tillage is often delayed by wetness and yields are affected.

(Sheet 3)



11

October 24 1975

Dakota Farm
c/o Farmer's Nat'l. Co.
Box 230
Pipestone, MN 56164



Dear Sirs:

I am enclosing herewith your copy of water analysis sample 75-277.
This is yours to keep.

The WI-1 and copy of water analysis and of this letter are being
sent to the State Conservation Commission at Pierre,

I am also enclosing a copy of extension circular 654 with the quality
of this water denoted by red cross in the diagram on the outside back
cover. There should be no difficulty with this water.

However, the Lamoure soils in the area are very poorly drained
and often have a high water table. Therefore, they are essentially non-
irrigable in many seasons. With a big gun outfit it is possible to
avoid these soil areas.

Sincerely yours,

L. O. Fine
L. O. Fine
Water Quality Lab

LOF:ckb
Enclosures

c

cc: State Conservation Commission
D. Pahl
Al Aho, County Extension Agent

ENG-SD-7
3/70

UNITED STATES DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE

IRRIGATION DESIGN SHEET

Farm Owner H. A. Sandberg Operator Farmers Nat. Co.
Location E. 1/2 Sec. 24 T 112 R 51 County Deer River

1/ Field No.	2/ Area (Ac.)	3/ Soil Series	4/ Ave. Slope Group (%)	5/ Crop	6/ Net Moisture To Be Replaced (In)	7/ Est. Irrigation Frequency (Days)	8/ Irriga. Method	9/ Intake Family	10/ Stream Size (GPM or CFS)	11/ Ave. Length Run (Ft.)	12/ Spacing Border, Furrow, Sprinkler	13/ Est. Eff. (%)	14/ Gross Appli- cation (In.)	15/ Est. Time Required (Hrs.)
		<u>Fertile 1/2</u>	<u>0-2</u>	<u>11E</u>	<u>5.0</u>	<u>21</u>	<u>Sprinkler</u>	<u>1.0</u>	<u>1.1</u>	<u>-</u>	<u>-</u>	<u>75</u>	<u>6.7</u>	
				<u>Corn</u>	<u>4.4</u>	<u>19</u>	<u>"</u>	<u>1.0</u>	<u>0.7</u>	<u>-</u>	<u>-</u>	<u>75</u>	<u>5.9</u>	
				<u>Grain</u>	<u>3.3</u>	<u>14</u>	<u>"</u>	<u>1.0</u>	<u>1.3</u>	<u>-</u>	<u>-</u>	<u>75</u>	<u>4.4</u>	
				<u>Sprink</u>	<u>3.3</u>	<u>13</u>	<u>"</u>	<u>1.0</u>	<u>0.9</u>	<u>-</u>	<u>-</u>	<u>75</u>	<u>4.4</u>	
		<u>Est. 1/2</u>	<u>0-2</u>	<u>11E</u>	<u>5.0</u>	<u>21</u>	<u>Sprinkler</u>	<u>5</u>	<u>0.5</u>	<u>-</u>	<u>-</u>	<u>75</u>	<u>6.7</u>	
				<u>Corn</u>	<u>4.0</u>	<u>17</u>	<u>"</u>	<u>"</u>	<u>0.4</u>	<u>-</u>	<u>-</u>	<u>70</u>	<u>5.7</u>	
				<u>Grain</u>	<u>3.0</u>	<u>12</u>	<u>"</u>	<u>"</u>	<u>0.4</u>	<u>-</u>	<u>-</u>	<u>75</u>	<u>4.3</u>	
				<u>Sprink</u>	<u>3.0</u>	<u>12</u>	<u>"</u>	<u>"</u>	<u>0.6</u>	<u>-</u>	<u>-</u>	<u>70</u>	<u>4.3</u>	

- Notes: 1. Omit Column 11 for sprinkler irrigation
2. For sprinkler systems other than center pivot, show nozzle capacity in Column 10
3. In Column 12, show row spacing for furrow irrigation. width of border for border irrigation and sprinkler spacing ($S_1 \times S_m$) for sprinkler systems other than center pivot. For center pivot show as C.P.
4. For cutback furrow irrigation, show schedule of operation in Column 15.

Form 6 - Notice of Intent to Appropriate Water

c. 2437-3

Publish first publication, on or before January 8, 1976

NOTICE
INTENT TO APPROPRIATE WATER

Pierre, South Dakota 57501

November 12, 1975

Notice is hereby given that Dr. H. P. Sandberg
whose post office address is Omaha, Nebraska, ~~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
3.0 cubic feet of water per second of time from the ground water through the
Sandberg No. 2, the point of diversion of which is to be located in the _____

S&B, S&B
of Section 24, Twp. 112N, Range 51W. Said water to be used for the purpose
of providing irrigation on portions of
the following described land:

S E 1/4, Section 24, T112N, R51W

This application No. 2437-3 will be considered by the Water Rights Commission at their office at
Pierre upon the 22nd day of January, 1976, at 2:30 PM M. All interested
persons may appear and be heard.

WATER RIGHTS COMMISSION

By

BURTON F. JONES
Water Rights Specialist

BFJ/bw
cc: Gary Grave

PROOF OF PUBLICATION

STATE OF SOUTH DAKOTA)
County Brookings) ss.

James M. McLellan Jr. hereby
certify that the annexed printed copy of Notice of Intent to Appropriate
Water was taken from the Brookings Daily Register
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 Brookings of Brookings
County of Brookings and State of South Dakota;
that the said notice was published in said newspaper on the following
two dates:

Dec. 17, 1975

Dec. 24, 1975

J. M. McLellan Jr.
(Signature)
Gen. Mgr.
(Title)
12/24/75
(Date Signed)

Legal No. 666 - Dec. 17 & 24

NOTICE
INTENT TO APPROPRIATE WATER

December 18, 1975

Notice is hereby given that Dr. H.P. Sandberg whose post office address is Omaha, Nebraska, has made an application in accordance with the provisions of the water laws of South Dakota for a permit to appropriate for beneficial use 3.0 cubic feet of water per second of time from the ground water through the Sandberg No. 2 the point of diversion of which is to be located in the SE $\frac{1}{4}$, SE $\frac{1}{4}$ of Section 24, Twp. 112N, 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 24, T112N, R51W

This application No. 2437-3 will be considered by the Water Rights Commission at their office at Pierre upon the 22nd day of January, 1976, at 2:30 PM. All interested persons may appear and be heard.

WATER RIGHTS COMMISSION
BURTON F. JONES
Water Rights Specialist

March 23, 1979

Farmers National Company
Box 707
Marshall, MN 56258

Gentlemen:

This letter is in reply to your recent telephone request regarding Water Permits No. 1580-3 and No. 2437-3, held by Dr. H. P. Sandberg of Boone, Iowa, concerning portions of the E $\frac{1}{2}$, Section 24, T112N, R51W in Brookings County.

Permit No. 1580-3 was issued to Dr. Sandberg on January 26, 1969, calling for a diversion rate of 3.1 cfs from a well in the SE $\frac{1}{4}$ NE $\frac{1}{4}$, Section 24, T112N, R51W to irrigate 223 acres in the NE $\frac{1}{4}$ and N $\frac{1}{2}$ SE $\frac{1}{4}$, Section 24, T112N, R51W. The water license was issued on the project on November 30, 1973, and allowed a diversion rate of 1.78 cfs to irrigate the defined acreage.

Permit No. 2437-3 was issued on January 23, 1976 calling for a diversion of 3.0 cfs from a well in the SE $\frac{1}{4}$ SE $\frac{1}{4}$, Section 24, T112N, R51W, to irrigate the same lands as covered in Permit No. 1580-3, plus 71 acres in the S $\frac{1}{2}$ SE $\frac{1}{4}$, Section 24, T112N, R51W, with the stipulation that combined diversions under the two permits should not exceed the statutory limit of 1 cfs for each 70 acres irrigated.

One fifth of the work was to be completed by July 23, 1977. If no work has been accomplished under the Permit it would now be subject to cancellation. This office will be checking on Permits in Brookings County as soon as the weather permits, and will notify you later of action to be taken on this Permit.

Sincerely,

Burton F. Jones
Water Rights Specialist

BFJ:plh

Water Rights, Water Management Division
Phone (605) 773-3352

July 31, 1979

Ed Lacy & Sons
P. O. Box 796
Trent, SD 57065

Dear Mr. Lacy:

On July 25, 1979, we called your office in regards to the log for the well drilled this year for Dr. H. P. Sandberg in Section 24-T112N-R51W, Brookings County. We need this log for his water right records. Enclosed is a self addressed envelope for your convenience in mailing.

If you have any questions please contact our office.

Sincerely,

Betty Westlund
Water Rights Specialist I

BW:plh

Enclosure

cc: Bill Kumerth

Handwritten:
Bill Kumerth
Aug 1, 1979
Betty Westlund
July 25, 1979

RECEIPT

WATER RIGHTS COMMISSION

State of South Dakota

№ 4 8428

PIERRE, _____ August 20, 1921 j

RECEIVED OF Farmers Nat'l Co., for Dr. RHP. Sandberg, Dakota Farm, Pox 220, Pipestone, Minn
the following amount in fees for services rendered as provided for by law: 561

56164

Fee for Application for Permit to Appropriately Water No. (examination, processing, recording and filing)		
Fee for inspecting Construction, and Issuing Cert. of Construction No. <u>2437-3</u>	50.	00
Fee for inspecting Beneficial Use, and Issuing Water License No. <u>2437-3</u>		
Fee for issuing Location Certificate-Dry Draw, No.		
Fee for filling		
Fee for certified copy of		
Fee for Print copy of map		
Fee for Certifying		
Fee for		
(any other work as provided by law)		
TOTAL	50.	00

WATER RIGHTS COMMISSION

By Chief Engineer, Executive Officer
JOHN BATH / BT

Permit No. 2437-3Water 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 Dz. H. P.
SANDBERG of MARSHALL, MN holder
of Permit No. 2437-3, hearing date of priority of 1.78 CFS FROM NOVEMBER 25, 1968 *
3.10 " " OCTOBER 30, 1975
authorizing the diversion of 4.38 cu. ft. per second of the waters of GROUNDWATER
for IRRIGATION purposes, in BROOKINGS County.

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

The Water Use System consists of, N WELL - 52' DEEP WITH 16" STEEL CASING - 10' OF
SS SCREEN - WESTERN LAND ROLLER 8" PUMP 5-14CM

A. Works used to divert the water: POWERED BY 50HP US ELECTRIC MOTOR @ 1760RPM

S WELL - 45' DEEP WITH 14" STEEL CASING WITH 15' SS SCREEN
WESTERN LAND ROLLER 8" PUMP - 3 1/2CH, POWERED BY
50HP US ELECTRIC MOTOR @ 1760RPM

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

N WELL - 500' OF 8" BURIED PVC TO N PILOT

S WELL - 30' OF 8" ALUMINUM PIPE TO S PILOT

C. Works used to apply water to beneficial use.

2 - ELECTROGATOR 8 TOWER CENTER PILOT SYSTEMS, BOTH
WITH NELSON #100 END GUN.

The system is in the following condition: GOOD

The point of diversion is located N WELL - 500S OF THE CENTER OF THE NE⁴; SWELL,
30'E OF THE CENTER OF THE SE⁴, BOTH IN SECTION 24, T112N, R51W

The works are capable of diverting and conveying to the place of use 3.56 (800 GPM PER WELL)

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 SEC 24, T112N, R51W

NE⁴ - 132 ACRE CIRCLE

SE⁴ - 132 ACRE CIRCLE

comprising a total of 264 acres of land.

* WATER LICENSE N^o 1580-3 IS INCORPORATED INTO THIS
WATER LICENSE. SAME WELL AS DRILLED UNDER 1580-3
IS USED FOR N. PILOT. LICENSE FOR 1.78 CFS FROM
NOVEMBER 25, 1978, AND 1.78 CFS FROM OCTOBER 30, 1975

1307124

FARMERS NATIONAL CO.

Box 707

MARSHALL, MN 56258

FOR FEE

Date JUNE 24, 1981
[Signature]
(Signature)

Water Rights Division
605 773-3352

November 24, 1982

2437-3

H.P. Sandberg
945 S Henry
Boone IA 50036

Dear Mr. Sandberg:

This letter is in regard to your Water Right No. 2437-3 which authorizes irrigation of the E $\frac{1}{2}$ of Section 24, T112N, R51W in Brookings County, South Dakota.

The 1982 Irrigation Questionnaire pertaining to this water right was sent to the Farmers National Company in Pipestone Minnesota. Mike Cooper returned the data sheet with a note indicating they were no longer the managing agents for this particular farm.

In order to keep our records up-to-date, this office will need to know the name(s) and address of the person(s) who should be contacted for future questionnaires and/or correspondence concerning your water right. Please forward the enclosed data sheet to your new operator or agent.

If you have any questions, please advise. Your assistance in this matter would be appreciated.

Sincerely,

GENNY YOUNG
Water Rights Specialist

GY:ks

enclosure

11/14/82
Boone, Ia 50036
1 Dec 82

Mr. Henry Young,
Water Rights Officer
Dept of Water & Natural Resources
Pierre, Sd 57501

Dear Mr. Young:

I have your letter of 11/24/82
regarding Water Right # 2437-3
in Dickinson Co, South Dakota.

I have forwarded the 1982
Irrigation Submittal to the
current farm manager who is:
MR. DON BREUKER

FARMERS NATIONAL COMPANY
107 MARLANE DRIVE

MARSHALL, MINNESOTA 56258

Please update your
records with his address.

Sincerely

H. P. Sandberg D.V.M.

945 South Story Street
Boone, Iowa 50036





DONALD L. KINKER, FARM MANAGER
BOX 707
MARSHALL, MN. 56258
Ph. (507) 537-1335

FARM NO. & NAME: 12906--DAKOTA FARM

January, 11, 1989

Water Rights Division
Joe Foss Building
523 East Capitol
Pierre, S. D. 57501



Gentlemen,

In discussing the annual survey for water usage, I cannot find where I received the notice for one of our farms we manage.

The property is known as the Dakota Farm and is the 71/2 Sec 24--Twp 112 N.-- Rge 51 W. in Brookings County S.D.

The account number from past records should be 2437-3.

In discussing this with the tenant, he did not receive a copy of the water usage survey either.

Please forward a new copy so that we can immediately fill this out for your records and allow us to continue the water rights.

Sorry for the delay as I know these were due in By Dec. 20, 1988. But with holiday season and industry meetings in early January, I did not check this particular file until this week.

Respectfully,

Donald L. Kinker

Donald L. Kinker
Farm Manager

cc file

Form already received 12-27-88
Lenny



DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

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

January 13, 2012

2437-3

Dr. Jerald A Peterson
46727 197th St
Bruce SD 57220

Gene Wilts
Joint Well Field Inc.
47602 SD Hwy 28
Toronto SD 57268

Dear Dr. Peterson and Mr. Wilts:

I am contacting you in regard to Water Right No. 2437-3 listed in the name of Dr. H P Sandberg. Don Kinker with Farmers National Company contacted us indicating you have purchased the land described in the water right.

The water right authorizes irrigation of 264 acres in the E ½ Section 24, T112N, R51W. It is my understanding the land was sold in two parcels as follows:

- NE ¼ - Dr. Jerald A. Peterson Living Trust, and
- SE ¼ - Joint Well Field Inc.

Due to separate ownership, the water right will need to be divided and reissued into separate water rights. The division will be fairly simple to do since each quarter has its own well and irrigation system.

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.

If you have any questions, please contact me.

Sincerely,

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

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

WATER RIGHT NO. 2437-3

DIVISION OF NO. 2437-3 INTO 2437A-3 AND 2437B-3

Water Right No. 2437-3 authorizes irrigation of 264 acres in the E ½ Section 24, T112N, R51W. The land described in the water right has been transferred to two new owners. The water license has been divided and reissued to reflect separate ownership as follows:

- **No. 2437A-3, Dr. Jerald A. Peterson Living Trust:** authorizing diversion of 1.78 cfs from one well located in the NE ¼ Section 24 to irrigate 132 acres in the NE ¼ Section 24, T112, R51W. The well in the NE ¼ was originally authorized under Water Right No. 1580-3 (incorporated into No. 2437-3) and carries a priority date of November 25, 1968.
- **No. 2437B-3, Joint Well Field Inc:** authorizing diversion of 1.78 cfs from one well located in the SE ¼ Section 24 to irrigate 132 acres in the SE ¼ Section 24, T112, R51W. The well in the SE ¼ was approved under No. 2437-3 and carries a priority date of October 30, 1975.