

RECEIVED
JUN 27 2012
WATER RIGHTS
PROGRAM

NOTICE OF TRANSFER OF OWNERSHIP

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

No. 6901B-3

Date: _____

I/We request that portions of Water Permit No. 6901-3

formerly owned by: Wade A Larson

be transferred to: (name & address) Thomas Dreesen, 31250 457th Ave., Meckling SD 57069

Telephone No.

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

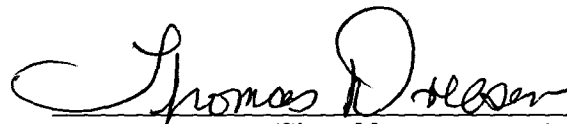
320 acres – E ½ Section 13, T93N, R53W

I/We understand that the validity of Water Permit No. 6901B-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.

① Thomas Dreesen, the new owner, certify that the above information is true and correct.


(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 6/27, 20 12

RECEIVED OF Thomas E Dreesen 31250 457th Ave Mecklingt SD 57069

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>6901B-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. _____	50	00
Fee for Renewal of Well Pump Installer's License No. _____ for C.Y. _____		
(Any Other Work Provided by Law)	TOTAL	

No. 05473

By *Shirley E. Eide*
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

SEP 07 2012

6901B-3

Thomas Dreesen
31250 457th Ave
Meckling SD 57069

Dear Mr. Dreesen:

Enclosed is your Water Permit No. 6901B-3.

Based on ownership changes filed for Water Permit No. 6901-3, the permit has been divided and reissued to reflect separate ownership as follows:

- **Water Permit No. 6901A-3: Gary & Amy Freeburg** – appropriates 2.29 cfs from one well located in the center of the SE ¼ Section 12 to irrigate 160 acres located in the SE ¼ Section 12, all in T93N, R53W.
- **Water Permit No. 6901B-3: Thomas Dreesen** – appropriates 4.57 cfs from two located in the centers of the SE ¼ and NE ¼ Section 13 to irrigate 320 acres located in the E ½ Section 13, all in T93N, R53W.

Enclosed, for your records, is Receipt No. 05473 in the amount of \$50.00 which you paid for filing the ownership change. If you have any questions, please contact us.

Sincerely,

A handwritten signature in black ink, appearing to read "Garland Erbele". The signature is written in a cursive, flowing style.

Garland Erbele
Chief Engineer
Water Rights Program
(605) 773-3352

enclosures

SOUTH DAKOTA
WATER PERMIT NO. 6901B-3
DIVISION OF NO. 6901-3 INTO 6901A-3 & 6901B-3

The Chief Engineer, on behalf of the Water Management Board, issued Water Permit No. 6901-3 to Wade A Larson, Vermillion SD 57069 authorizing the construction of the water use system and the placing of water to beneficial use subject to the following limitations, conditions and qualifications:

1. Water Permit No. 6901-3 appropriates 6.86 cubic feet of water per second (cfs) from three wells to be completed into the Missouri Elk Point Aquifer (approximately 100 feet deep) located in the centers of the SE $\frac{1}{4}$ Section 12, SE $\frac{1}{4}$ and NE $\frac{1}{4}$ Section 13 to irrigate 480 acres located in the SE $\frac{1}{4}$ Section 12 and E $\frac{1}{2}$ Section 13, all in T93N, R53W.

Based on ownership changes filed, Water Permit No. 6901-3 is being divided and reissued as follows:

Water Permit No. 6901A-3: Gary & Amy Freeburg – appropriates 2.29 cfs from one well to be completed into the Missouri Elk Point Aquifer (approximately 100 feet deep) located in the center of the SE $\frac{1}{4}$ Section 12 to irrigate 160 acres located in the SE $\frac{1}{4}$ Section 12, all in T93N, R53W.

Water Permit No. 6901B-3: Thomas Dreesen, 31250 457th Ave., Meckling SD 57069 – appropriates 4.57 cfs from two wells to be completed into the Missouri Elk Point Aquifer (approximately 100 feet deep) located in the centers of the SE $\frac{1}{4}$ and NE $\frac{1}{4}$ Section 13 to irrigate 320 acres located in the E $\frac{1}{2}$ Section 13, all in T93N, R53W.

2. The amount of the appropriation may not exceed 2 acre feet annually for each acre of land to which water is actually and beneficially applied for irrigation. The water is to be used during the following described annual period: April 1 – October 31.
3. The date from which applicant may claim right is October 4, 2007.
4. The date of approval of Permit No. 6901-3 is November 26, 2007.
5. One-fifth of the construction is to be completed on or before May 26, 2010.
6. All construction is to be completed on or before November 26, 2012.
7. Water is to be put to beneficial use on or before November 26, 2016.
8. Water rights obtained in compliance with the laws of the State of South Dakota may not be unlawfully impaired by this appropriation.

QUALIFICATIONS

1. The wells approved under this Permit will be located near domestic wells and other wells which may obtain water from the same aquifer. The well owner under this Permit shall control his withdrawals so there is not a reduction of needed water supplies in adequate domestic wells or in adequate wells having prior water rights.

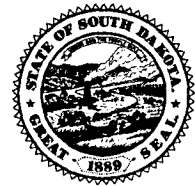
2. The wells authorized by Permit No. 6901-3 shall be constructed by a licensed well driller and construction of the well and installation of the pump shall comply with Water Management Board Well Construction Rules, Chapter 74:02:04 with the well casing pressure grouted (bottom to top) pursuant to Section 74:02:04:28.
3. This Permit is approved subject to the irrigation water use questionnaire being submitted each year.

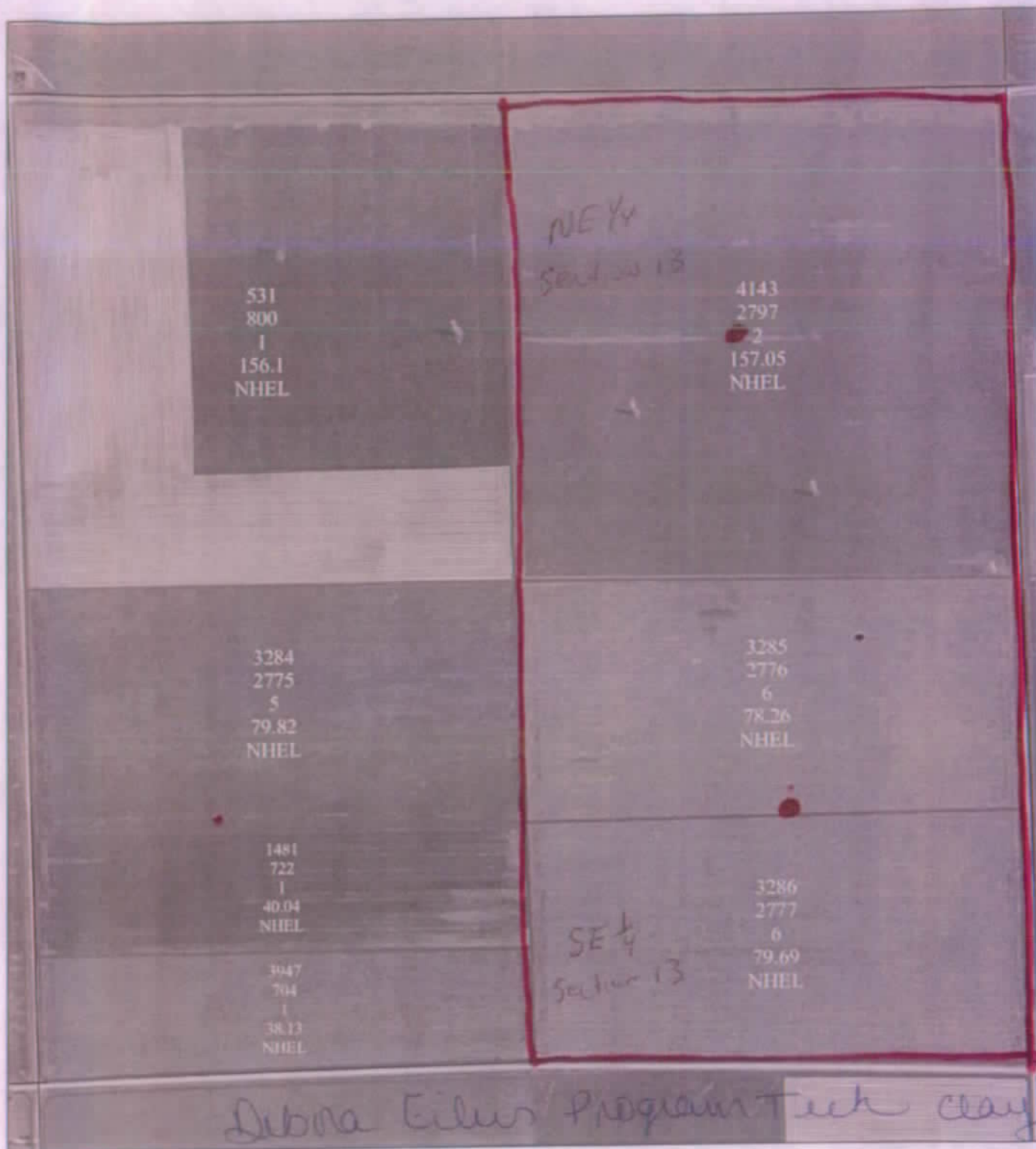
WATER MANAGEMENT BOARD

By: Garland Erbele
Garland Erbele, Chief Engineer
Water Rights Program
Department of Environment and Natural Resources

SEP 07 2012

date



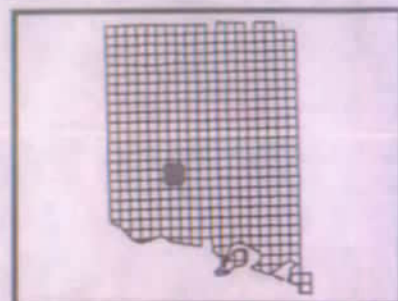


United States Department of Agriculture
Farm Service Agency



South Dakota
Clay County
13-93N-53W

1:8,833



February 28, 2007

SOUTH DAKOTA WATER WELL COMPLETION REPORT

11-02

Location sw 1/4 ne 1/4 Sec 13 Twp 93n Rg 53w

County

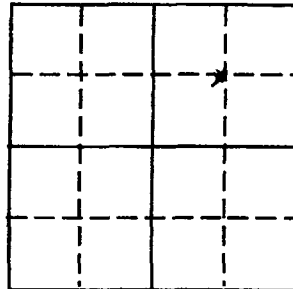
Clay

North

Please mark well location with an "X"

W

E



1 Mile

Well Completion Date

5/11/2008

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

5,000.0 ft. from septic tank (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 LB/FT	DIAMETER IN	FROM FT	TO FT	HOLE DIAMETER IN
16.00	16.00	0.0	34.0	22.00

GROUTING DATA:

Grout Type	No. of Sacks	Grout Weight Lb/gal	From Ft	To Ft
bent grt	11	9.5	0.0	30.0

Describe grouting procedure
tremie

SCREEN:

☐ Perforated pipe ☒ Manufactured

Diameter 16.00 Inches Length 30.0 Feet

Material pvc

Slot Size 0.080 Set From 34.0 Feet to 64.0 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? HTH tablets

☐ No, Why Not?

Lab sample sent to for water quality analysis

Well Owner: Wade Larson

Business Name:

Address: 501 Oakmont Drive

City, State, Zip: Vermillion SD 57069

WELL LOG:

DEPTH

FORMATION	FROM	TO
Clay, brown silty,	0	7
silt, gray, sandy	7	32
Sand, coarse, pebbly	32	70

STATIC WATER LEVEL 16.0 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:
☐ Bailed
☐ Other

Pumping Level Below Land Surface

27.0 Ft. After 1.0 Hrs. pumped 700.0 GPM

Ft. After Hrs. pumped GPM

If pump installed, pump rate: GPM

REMARKS

RECEIVED
FEB - 2 2009
WATER RIGHTS
PROGRAM

This well was drilled under license # 666

And this report is true and accurate.

Drilling firm: Hammond Wetmore Drilling

Signature of License Representative:

Signature of Well Owner or Equitable Property Holder:

Date:

12/10/08

SOUTH DAKOTA WATER WELL COMPLETION REPORT

11-02

Location nw 1/4 se 1/4 Sec 13 Twp 93n Rg 53w

County

Clay

North

Please mark well location with an "X"

W

E

Well Completion Date

5/12/2008

1 Mile

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

73,000.0 ft. from septic tank (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
LB/FT	IN	FT	FT	IN
	16.00	0.0	66.0	22.00

GROUTING DATA:

Grout Type	No. of Sacks	Grout Weight	From	To
		Lb/gal	0.0 Ft	60.0 Ft
bent grt	18	9.5		

Describe grouting procedure
tremie

SCREEN:

☐ Perforated pipe ☒ Manufactured

Diameter 16.00 Inches Length 40.0 Feet

Material pvc

Slot Size 0.080 Set From 66.0 Feet to 106.0 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? HTH tablets

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

Well Owner: Wade Larson

Business Name:

Address: 501 Oakmont Drive

City, State, Zip: Vermillion SD 57069

WELL LOG:

DEPTH

FORMATION	FROM	TO
Clay, brown silty, pebbly	0	7
silt, gray, sandy	7	42
sand, fine to medium	42	59
Gravel, fine, sandy	59	110

STATIC WATER LEVEL 19.0 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:

☐ Bailed

☐ Other

Pumping Level Below Land Surface

31.0 Ft. After 1.0 Hrs. pumped 700.0 GPM

Ft. After Hrs. pumped GPM

If pump installed, pump rate:

GPM

REMARKS

 RECEIVED
 FEB - 2 2009
 WATER RIGHTS PROGRAM

This well was drilled under license # 666

And this report is true and accurate.

Drilling firm: Hammond Wetmore Drilling

Signature of License Representative:

Signature of Well Owner or Equitable Property Holder:

Date: 12/10/08

Report of Examination of Works and/or Application of Water to Beneficial Use For Permit No. 6901B-3

I have this day, August 30, 2022, made a thorough examination of the water use system owned by Thomas Dreesen, 31250 457th Ave., Meckling, SD 57069, holder of Permit No. 6901B-3, bearing the priority date of October 4, 2007. This permit authorizes the diversion of 4.57 cu. ft. per second of the waters of groundwater (Missouri: Elk Point Aquifer) authorizing the irrigation of 320 acres located in Clay County.

Inspection contacts: Thomas Dreesen

A. Works used to divert the water:

Well Information (North Well)

- 1) Well Drilling Firm: Hammond Wetmore Drilling
- 2) No. of Wells: 1
- 3) Depth(s): 70 feet
- 4) Well log is available: Yes

Casing:

- 1) Diameter: 16 inches
- 2) Length: 34 feet
- 3) Type: Plastic

Screen:

- 1) Diameter: 16 inches
- 2) Length: 30 feet
- 3) Type: PVC
- 4) Static water level: 16 feet

Pump:

- 1) Make: Unknown
- 2) Model: Unknown
- 3) Capacity: 700 GPM

Motor:

- 1) Make: Unknown
- 2) Model No.: Unknown?
- 3) Horsepower rating: Unknown hp

Well Information (South Well)

- 1) Well Drilling Firm: Hammond Wetmore Drilling
- 2) No. of Wells: 1
- 3) Depth(s): 110 feet
- 4) Well log is available: Yes

Casing:

- 1) Diameter: 16 inches
- 2) Length: 66 feet
- 3) Type: Plastic

Screen:

- 1) Diameter: 16 inches
- 2) Length: 40 feet
- 3) Type: PVC
- 4) Static water level: 19 feet

Pump:

- 1) Make: Unknown
- 2) Model: Unknown
- 3) Capacity: 700 GPM

Motor:

- 1) Make: Unknown
- 2) Model No.: Unknown?
- 3) Horsepower rating: Unknown hp

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

- | | | |
|--------------------------|--------------------------|---|
| 1) Type: <u>Aluminum</u> | 2) Size: <u>8</u> inches | 3) Length: <u>10</u> feet <u>(to the north pivot)</u> |
| 1) Type: <u>Aluminum</u> | 2) Size: <u>8</u> inches | 3) Length: <u>10</u> feet <u>(to the south pivot)</u> |

C. Works used to apply water to beneficial use:

North Center Pivot:

- 1) Make: Valley
- 2) Overall length: 1,300 feet
- 3) Number of towers: 7
- 4) End gun: Yes
- 5) Capacity: 700 GPM

South Center Pivot:

- 1) Make: Valley
- 2) Overall length: 1,550 feet
- 3) Number of towers: 8
- 4) End gun: Yes
- 5) Capacity: 700 GPM

Chemigation Equipment:

- 1) Does chemigate: No

D. Compliance with Permit Requirements:

- 1) Permit qualifications being abided by: Yes
2) Irrigation Questionnaires checked to determine if permit owner started irrigation by the end of construction period: Yes
3) Exceptions to compliance are: None

E. Condition and Location:

- 1) The systems are in good condition with the point(s) of diversion located as follows:
The north well is 1,380 feet west and 3,930 feet north of the southeast corner of Section 13-T93N-R53W (Latitude 42.87715, Longitude -97.04765– SW1/4 of the NE1/4).
The south well is 1,380 feet west and 1,600 feet north of the southeast corner of Section 13-T93N-R53W (Latitude 42.87080, Longitude -97.04760– NW1/4 of the SE1/4).
- 2) The works are capable of diverting and conveying to the places of use 3.12 cu. ft. per second of water from the well which is to be used for irrigation purposes. Water has been put to beneficial use to the maximum extent as follows:

Section 13-T93N-R53W

<u>NW1/4NE1/4</u>	<u>33 acres</u>	<u>NW1/4SE1/4</u>	<u>40 acres</u>
<u>NE1/4NE1/4</u>	<u>32 acres</u>	<u>NE1/4SE1/4</u>	<u>38 acres</u>
<u>SW1/4NE1/4</u>	<u>23 acres</u>	<u>SW1/4SE1/4</u>	<u>36 acres</u>
<u>SE1/4NE1/4</u>	<u>30 acres</u>	<u>SE1/4SE1/4</u>	<u>33 acres</u>

comprising a total of 265 acres of land and the license should be issued for 3.12 cfs.

- 3) All structures, wells and lands on map: Yes

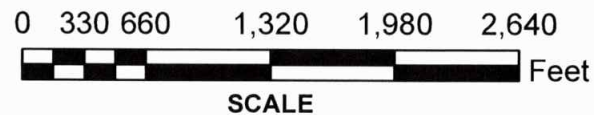
F. Comments or other permit(s) associated with the project: The pump and motor information was not available from Mr. Dreesen or from Heine Electric and Irrigation, so I used what Mr. Dreesen thought the flow was, which was what he was recording on his irrigation questionnaire.

Keith DeJong

Keith DeJong, PE Ret.
Water Rights Inspector
DANR, Water Rights Program

Date report completed: August 30, 2022

Water Permit No. 6901B-3



Keith DeJong
Keith DeJong, PE Ret.
Staff Engineer
August 30, 2022



DEPARTMENT of AGRICULTURE
and NATURAL RESOURCES
JOE FOSS BUILDING
523 E. CAPITOL AVE
PIERRE SD 57501-3182
danr.sd.gov

SEP 15 2022

6901B-3

Thomas Dreesen
31250 457th Ave
Meckling SD 57069

Dear Mr. Dreesen:

Enclosed is Water License No. 6901B-3. This is the final water right document completing your process of obtaining a Water Right. Included with your license is a map prepared by the staff engineer who conducted the field investigation.

For your information SDCL 46-6-27 requires that if in the future, the owner of an existing well, constructs a replacement well and does not plan to use the old well, the old well is considered abandoned and must be plugged. Also, any well that is being used or is not considered abandoned must be valved and controlled, if flowing, or sealed and capped so that no leaking occurs either underground or at the surface.

As long as you use the water beneficially, as stated in the Water License, State Water Laws provide that you have a continuing right to use the water. If you have any questions, please contact our office.

Sincerely,

Eric Gronlund, Chief Engineer
Water Rights Program
(605) 773-3352

enclosures

STATE OF SOUTH DAKOTA

WATER LICENSE NO. 6901B-3

(1) Thomas Dreesen, 31250 457th Ave., Meckling SD 57069 was issued Water Permit No. 6901B-3, September 7, 2012, for a water permit to divert 4.57 cubic feet of water per second from ground water, two wells (Missouri Elk Point Aquifer), Clay County, South Dakota for irrigation purposes. The water use system under Water Permit No. 6901B-3, with a priority date of October 4, 2007, was originally approved under Water Permit No. 6901-3 November 26, 2007, for diversion of water with construction of the described water supply system to be completed on or before November 26, 2012, and for the application to beneficial use of water on or before November 26, 2016. (*Water Permit No. 6901-3 was later divided and reissued to reflect separate ownership.*)

(2) It is certified that the permit holder has complied with the provisions of South Dakota State Law relating to completion of the construction of the water supply system and is entitled to divert 3.12 cubic feet of water per second for beneficial use. The diversion points are located as follows:

- North well: 1,380'W and 3,930'N of the SE corner of Section 13, T93N, R53W (SW $\frac{1}{4}$ NE $\frac{1}{4}$)
Latitude 42.87715, Longitude -97.04765
- South well: 1,380'W and 1,600'N of the SE corner of Section 13, T93N, R53W (NW $\frac{1}{4}$ SE $\frac{1}{4}$)
Latitude 42.87080, Longitude -97.04760

(3) The permit holder has complied with the provisions of South Dakota State Law relating to the application of water to beneficial use to irrigate the following land:

Section 13, T93N, R53W	NW $\frac{1}{4}$ NE $\frac{1}{4}$	33 acres	NW $\frac{1}{4}$ SE $\frac{1}{4}$	40 acres
	NE $\frac{1}{4}$ NE $\frac{1}{4}$	32 acres	NE $\frac{1}{4}$ SE $\frac{1}{4}$	38 acres
	SW $\frac{1}{4}$ NE $\frac{1}{4}$	23 acres	SW $\frac{1}{4}$ SE $\frac{1}{4}$	36 acres
	SE $\frac{1}{4}$ NE $\frac{1}{4}$	30 acres	SE $\frac{1}{4}$ SE $\frac{1}{4}$	33 acres
Total irrigated – 265 acres				

(4) Pursuant to South Dakota Water Law 46-5-30.1 Thomas Dreesen, 31250 457th Ave., Meckling SD 57069 the holder and/or owner of Water Right No. 6901B-3 is issued a license to appropriate water, the right to use 3.12 cubic feet of water per second from ground water, two wells (Missouri Elk Point Aquifer) with a priority date of October 4, 2007, from the locations specified in (2) of this license for irrigation purposes.

This license is subject to South Dakota Water Law, any limitations or conditions listed in Water Right No. 6901B-3 and subject to the following qualifications:

- The wells approved under this water right will be located near domestic wells and other wells which may obtain water from the same aquifer. The well owner under this water right shall control his withdrawals so there is not a reduction of needed water supplies in adequate domestic wells or in adequate wells having prior water rights.

continued

- The well authorized by Permit No. 6901B-3 shall be constructed by a licensed well driller and construction of the well and installation of the pump shall comply with the Water Management Board Well Construction Rules, Chapter 74:02:04 with the well casing pressure grouted (bottom to top) pursuant to Section 74:02:04:28. ***Both wells were drilled in May 2008 by Hammond-Wetmore Drilling. Copies of the well completion reports are on file with the Water Rights Program.***
- This Water Right is approved subject to the irrigation water use questionnaire being submitted each year.


Eric Gronlund, Chief Engineer
Water Rights Program
Department of Agriculture and Natural Resources

SEP 15 2022
date

