

1. Considered MARCH 25 19 81
2. Name of Applicant Duane A. and Violet A. Olsen
3. Post Office Address R.R. 1, Box 81, Heckling 57044
4. Amount of Water Claimed .36
5. Source of Water Supply ground water 98' well
6. Water to be used for IRR
7. Acres to be irrigated 25 maximum acre feet
8. Water to be diverted and used in Clay County  
about 8S, 3E miles of Gayville
9. PROOF OF PUBLICATION Received 3-9-81  
Not Received \_\_\_\_\_  
APPLICATION Approved \_\_\_\_\_  
Subject to \_\_\_\_\_  
Not Approved \_\_\_\_\_  
Action deferred \_\_\_\_\_

Priority 11/12/80 Date Received 11/12/80 Application Complete yes x no \_\_\_\_\_ FEE 150.00  
Remarks (W/L 2158-3)

WATER  
QUALITY

Date information and/or  
fee or corrected Application received \_\_\_\_\_  
Period of Annual use April - November  
Received yes 2/12/81 no \_\_\_\_\_ APPROVED CONDITIONAL (Circle one)  
WI-1 Description same as application yes x no \_\_\_\_\_ Remarks \_\_\_\_\_

Disapproved \_\_\_\_\_

Returned \_\_\_\_\_

|  |  |  |  |  |  |
|--|--|--|--|--|--|
|  |  |  |  |  |  |
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|  |  |  |  |  |  |
|  |  |  |  |  |  |

Diversion Point \_\_\_\_\_

SE 1/4 NE 1/4 Sec. 16-T92N-R53W

Lands to be irrigated \_\_\_\_\_

SE 1/4 NE 1/4 Sec. 16-T92N-R53

WELL  
LOG

Remarks \_\_\_\_\_

Driller wetmore Drilling Licensed yes xx no \_\_\_\_\_

Depth 98' deep

Water Right No. \_\_\_\_\_

MAP Map No. 384-1-3 Map located in Water Right x Map file \_\_\_\_\_  
 Type of Map Aerial Prepared by \_\_\_\_\_ Extension Agent \_\_\_\_\_

+++++

REVIEWED This Application was reviewed within 30 days of date received, accepted as complete. Number assigned and written up for advertisement before the Board on 3-25-81.

[Signature]  
 (Signed)

+++++

PROTESTS Letters/Petitions in File - yes \_\_\_\_\_ no \_\_\_\_\_ Remarks \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

REMARKS Date \_\_\_\_\_  
 F.F. & C Final Decision, including F.F. & C of Law were adopted \_\_\_\_\_  
 OF LAW, Date \_\_\_\_\_  
 FINAL Final Decision mailed to parties and/or parties notified that Final Decision  
 DECISIONS was adopted \_\_\_\_\_  
 ETC. \_\_\_\_\_

Remarks \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

No. 4625-3Map No. 3841-3 Water Division No. 3 MISSOURI RIVER District  
Above for Office Use 10170101

## APPLICATION FOR PERMIT To appropriate Water within the State of South Dakota

Check one of the following:

New ☒ Vested Right ☐ Future Use ☐Change in Diversion ☐ Additional Diversion ☒Change in Acreage ☐ Additional Acreage ☒1. Name of Applicant Duane R. Violet R. OLSON Phone No. 605 267 2525Post Office Address RR 1 Box 81 Muckling State SD 57044  
(Street, RR, or Box) (Town) (Zip Code)If a corporation show date and place of incorporation                     2. Method of accomplishing work (contract, employment of others, or by direct labor) contract3. Name of diversion work Olson No 44. Amount of water claimed (cubic feet per second) 1.7 350 - 500 gal per min.5. Source of water supply under ground6. Location of point of diversion SE 1/4 - NE 1/4 - 16 - 92 - 53appr. 40 rods SE of home placeCounty Clay7. Annual period or periods during which water is to be used Apr. - Nov.8. Use to be made of water, (irrigation, industrial, municipal, commercial, recreation, etc.) irrigation9. For irrigation use, yes Total number of acres to be irrigated 25

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

| Land Description                    | No. Acres Irr. | Land Description | No. Acres Irr. |
|-------------------------------------|----------------|------------------|----------------|
| <u>SE 1/4 NE 1/4 - 16 - 92 - 53</u> | <u>25 A</u>    |                  |                |
|                                     |                |                  |                |
|                                     |                |                  |                |

Attach sheet if more space is needed

10. Time required to complete construction of water supply system 5 years. Additional time required to complete application of water to the proposed beneficial use 2 years. Vermillion SD11. Choice of county newspaper for publication of Notice of Intent to appropriate Water Plains Talk at

12. Principal Features of the Proposed Water Supply System.

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

Well

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

pipe

C. Works proposed to apply water to beneficial use.

pivotEstimated Total Cost \$ 20,000

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 Clay ) ss.I, Duane R. Olson the applicant, certify that I have read the foregoing application and have examined the attached map and that the matters therein stated are true and that I intend, and am able to complete the necessary construction.Signed Duane R. OlsonSubscribed and sworn to before me this 14 day of October, 19 80

# WATER RIGHT APPLICATION APPROVAL

The Water Management Board hereby approves Water Right Application No. 4625-3

DUANE A. & VIOLET A. OLSON  
(Applicant)

RR 1, Box 81, MECKLING  
(Post Office Address)

SOUTH DAKOTA 57049  
(State)

With the following qualifications

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.

This Permit is approved subject to the irrigation water use questionnaire being submitted each year.

Date of first receipt of application NOVEMBER 12, 1980

Date of return to applicant for correction, amendments or changes required NOVEMBER 26, 1980

Date of receipt of corrected application FEBRUARY 12, 1981

Approved MARCH 26, 1981, Recorded in Book 22 Page 71

WATER RIGHT PERMIT NO. 4625-3

The Water Management Board hereby grants and issues this Water Right Permit No. 4625-3 authorizing the construction of the water use system and the putting of water to beneficial use as stated in the Application and as qualified 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 12, 1981
2. The equivalent of at least one-fifth of the work above specified is to be completed on or before SEPTEMBER 26, 1983
3. The whole of said work is to be completed on or before MARCH 26, 1986
4. The limit of time from proof of beneficial use of water appropriated in accordance herewith is MARCH 26, 1988
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 136 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 irrigation purposes said appropriation must be limited to not more than 2 acre feet per acre per year and be limited to not more than one-seventieth (1/70) of one cubic foot of water per second of time for each acre of land to which water is actually and beneficially applied for irrigation on or before MARCH 26, 1988 said water to be used during the following described annual period: APRIL - NOVEMBER

Witness my hand this 20<sup>TH</sup> day of APRIL, 1981

THE WATER MANAGEMENT BOARD

By: John H. Helt  
Chief Engineer Water Rights

Certificate of Construction Issued \_\_\_\_\_, 19\_\_\_\_

Water License Issued \_\_\_\_\_, 19\_\_\_\_

# WETMORE DRILLING

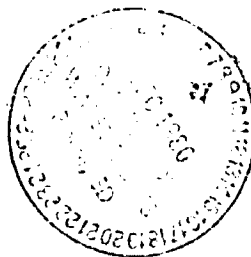
P.O. BOX 577 · ELK POINT, SOUTH DAKOTA 57025 · (605) 356-3272

Test log for Duane Olson November 2, 1980

## TEST HOLE

|           |                           |
|-----------|---------------------------|
| 0' - 1.5' | Top soil                  |
| 1.5 - 31  | Clay mixed with fine sand |
| 31 - 64   | Fine sand                 |
| 64 - 98   | medium to coarse sand     |

*James Wetmore  
Wetmore Drilling  
P.O. Box 577  
Elk Point, SD*



*Olson Well No. 4*

#### D. Well Information

- (1) Drill Hole, Diameter 24", Depth 98'
- (2) Casing, Type PVC, Diameter 8", Thickness 1/2"  
(wood, concrete, steel etc)
- (3) Screen, Type 3/6" steel, Diameter 8", Length 20'
- (4) Gravel Pack, Thickness 8", Length of gravel pack 98'

#### E. Dugout Information or Estimates

- (1) Surface dimensions, \_\_\_\_\_, Depth \_\_\_\_\_

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

- (1) Water Bearing Materials. (Attach a copy of test well log)

Depth to top of water bearing material 12'

Depth to bottom of water bearing material 98'

Depth to water (ground surface to water level) 12'

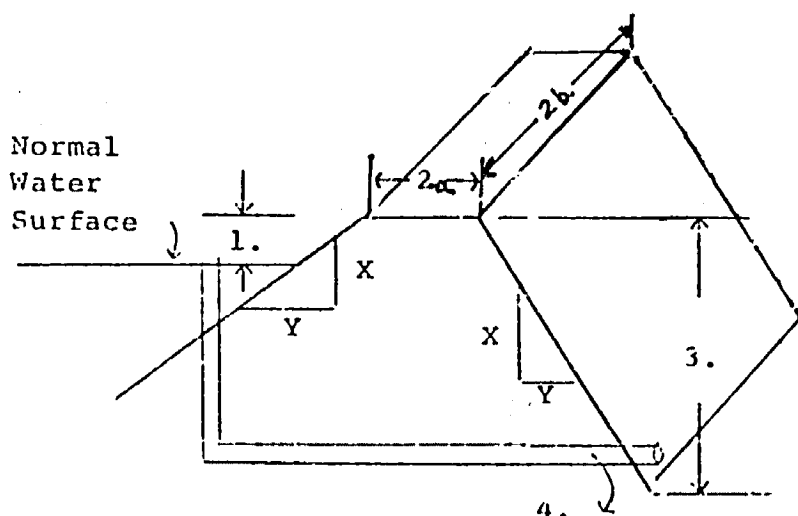
- (2) Distance to nearest existing household or livestock watering well.

On same owner's property 40 rds.

On property owned by others 60 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, length, maximum water depth, surface area, drainage area, storage capacity, dam slope, dimensions, location and size of outlet works, of each storage dam. The location of each water storage dam should be shown on the water right map.



1. Freeboard \_\_\_\_\_
- 2a Crest width \_\_\_\_\_ b. length \_\_\_\_\_
3. Height of Dam \_\_\_\_\_
4. Outlet dimensions:
  - Pipe diameter \_\_\_\_\_
  - Spillway width \_\_\_\_\_
  - X & Y slope:
    - Upstream \_\_\_\_\_
    - Downstream \_\_\_\_\_
  - Surface area of impoundment \_\_\_\_\_
  - Drainage area above dam \_\_\_\_\_



*Quane A. Olson*

# D Well Information

(1) Drill Hole, Diameter 36", Depth 95'  
 (2) Casing, Type PVC, Diameter 22", Thickness 1/2"  
 (wood, concrete, steel, etc)  
 (3) Screen, Type slot screen, Diameter 22", Length 20'  
 (4) Gravel Pack, Thickness 7", Length of gravel pack 95'



## E Dugout Information or Estimates

(1) Surface dimensions, \_\_\_\_\_, Depth \_\_\_\_\_

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

### (1) Water Bearing Materials (Attach a copy of test well log)

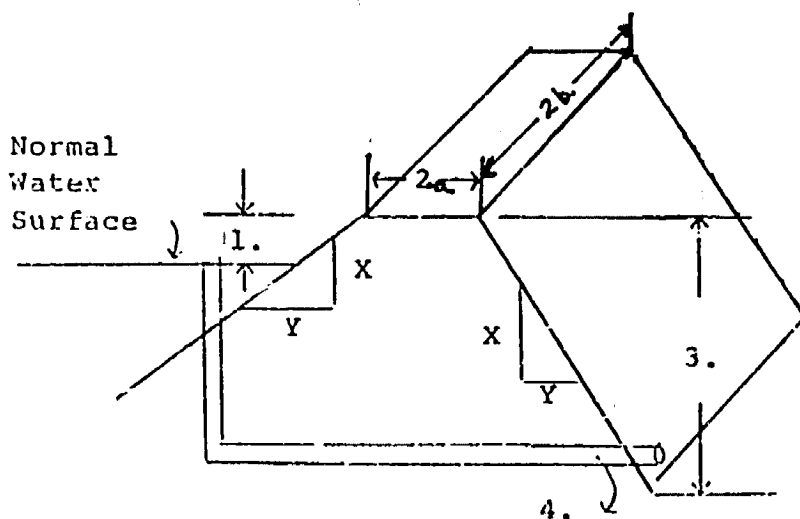
Depth to top of water bearing material 31'  
 Depth to bottom of water bearing material 98'  
 Depth to water (ground surface to water level) 14'

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

On same owner's property 40 rds.  
 On property owned by others 60 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, length, maximum water depth, surface area, drainage area, storage capacity, dam slope, dimensions, location and size of outlet works, of each storage dam. The location of each water storage dam should be shown on the water right map.



1. Freeboard \_\_\_\_\_
- 2a Crest width \_\_\_\_\_, 2b length \_\_\_\_\_
3. Height of Dam \_\_\_\_\_
4. Outlet dimensions:
  - Pipe diameter \_\_\_\_\_
  - Spillway width \_\_\_\_\_
  - X & Y slope.
    - Upstream \_\_\_\_\_
    - Downstream \_\_\_\_\_
  - Surface area of impoundment \_\_\_\_\_
  - Drainage area above dam \_\_\_\_\_

Diane A Olson  
 Signature of Applicant

RECEIVED

FEB 06 1981

South Dakota  
Division of Conservation

SOIL/WATER COMPATIBILITY APPLICATION FORM  
STATE CONSERVATION COMMISSION  
SOUTH DAKOTA DEPARTMENT OF AGRICULTURE

OWNERS NAME: Duane A. Whit OWNERS ADDRESS: Meckling, SD  
COUNTY LAND LOCATED IN: Clay PHONE: 267-2525 52844  
TENANT'S NAME AND ADDRESS: (If Other Than Owner) 2701-CL

In accordance with State Law SDCL 46-5-6.5, if a water right is granted with a conditional permit (Soil/Water Compatibility), a copy of such conditional permit must be filed with the County Register of Deeds.

This action must be taken by the holder of a water right within 6 months of receipt of such water right.

LEGAL DESCRIPTION: (Show Legal Description to nearest 10 Acres.)

1. WELL LOCATION OR DIVERSION POINT: S $\frac{1}{2}$  - SE $\frac{1}{4}$  - NE $\frac{1}{4}$  - 16 - 92 - 53
2. SURFACE WATER SOURCE Well
3. LOCATION OF AREA TO BE IRRIGATED: SE $\frac{1}{4}$  - NE $\frac{1}{4}$  - 16 - 92 - 53
4. INDICATE NON-IRRIGATED AREAS AND (APPROX.) ACRES ON MAP: (Farmstead, shelterbelts, wetlands, etc.)
- TYPE OF IRRIGATION: (Show approximate acres under each type of system)
5. GRAVITY ☐ TOWLINE ☐ CENTER PIVOT ☒ GUN ☐ OTHER (Specify) ☐
6. CROPS TO BE IRRIGATED Corn - beans - alfalfa - oats
7. SHOW ANY PORTION OF LAND THAT PRESENTLY HOLDS AN IRRIGATION PERMIT: YEAR OBTAINED: 1974  
LAND: NE $\frac{1}{4}$  - NE $\frac{1}{4}$  - 16 - 92 - 53  
IN WHAT NAME: Duane A - Whit

WATER QUALITY (TO BE COMPLETED BY SDSU WATER QUALITY LABORATORY)

8. SAMPLE NUMBER: 80-1047 (well No 4)
9. SALINITY (EC X 10<sup>6</sup>) 15.7
10. SODIUM (SAR) 1.55 ADJUSTED (SAR) 1.60 (2.22)

I hereby certify that I personally obtained or that I personally observed the taking of a sample of the water to be used in irrigating the above-described land. I also hereby certify that the required procedures for the taking of the sample (see back) were followed, and that the sample was taken at A.M./P.M., on Nov, 1980, at the following location: S $\frac{1}{2}$  - SE $\frac{1}{4}$  - NE $\frac{1}{4}$  - 16 - 92 - 53, by Duane A. Whit (individual who took sample if other than applicant). I also hereby certify that the water sample taken has NOT been adulterated or tampered with in any manner, and is TRULY REPRESENTATIVE of the water which will be used in irrigating the above-described land.

I also hereby certify that a chemical analysis of the irrigation water representative of that used to irrigate shall be acquired from South Dakota State University and the soil's information has been acquired from Clay Co Conservation District, County Extension Office or Soil Conservation Service; and further, that the legal description for the location of the well and land to be irrigated is true and correct.

I understand that the Division of Conservation or agents thereof may obtain another water sample for the purpose of validating the water sample analysis taken at the time of application (SDCL 46-5-6.4).

SUBSCRIBED AND SWORN BEFORE ME THIS  
23 DAY OF January, 1981

Duane A. Whit  
(NOTARY PUBLIC)

Duane A. Whit  
APPLICANT'S SIGNATURE

John M. Felt  
Director, Division of Conservation

☐ APPROVED

☐ DISAPPROVED

☒ CONDITIONALLY APPROVED



IMPORTANT

No management sheet needed

No. 4625-3

Publish first publication, or or before February 26, 1981

NOTICE OF HEARING ON  
APPLICATION TO APPROPRIATE WATER

Pierre, South Dakota 57501

February 17, 1981

Notice is hereby given that Duane A & Violet A Olson whose post office address is Meckling, South Dakota, has made an application 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, 46-6-3.1, 46-6-5, 46-6-6.1, 46-6-10, 46-6-14 and Board Rules ARSD 52:01:01:01 thru 52:01:01:13, for a permit to appropriate for beneficial use .36 cubic feet of water per second of time from ground water (one well) through the Olson #4, the point(~~xx~~) of diversion of which is(~~xxx~~) to be located in the SE $\frac{1}{4}$  NE $\frac{1}{4}$

of Section 16, Twp. 92N, Range 53W. Said water to be used for the purpose of providing irrigation on portions of the following described land:

SE $\frac{1}{4}$  NE $\frac{1}{4}$ , Section 16, T92N, R53W

This Application No. 4625-3 will be considered by the Water Management Board at the Holiday Inn, Sandy Shore Room Watertown, South Dakota upon the 25th day of March, 1981

at 1:00 P.M. The Board 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 Board decision who desires to present evidence or cross-examine witnesses according to SDCL 1-26 may notify the Board in writing prior to the hearing or orally at the hearing.

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 Board may be appealed to the Courts as provided by law.

Any handicapped person wishing to attend this hearing can contact the Water Rights Division, DWR, Joe Foss Building, Pierre SD, prior to the hearing date for assistance to assure access to the hearing.

WATER MANAGEMENT BOARD

cc: Duane A & Violet A Olson  
RR #1, Box 81,  
Meckling, SD 57044

BETTY WESTLUND  
Water Rights Specialist

WNR-806A-7/79 Notice of Intent to Appropriate Water  
GROUNDWATER

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

No. 4625-3

PROOF OF PUBLICATION

STATE OF SOUTH DAKOTA )  
County Clay ) ss.

I, Maryetta Bruce hereby  
certify that the annexed printed copy of Notice of Intent to Appropriate  
Water was taken from the Plain Talk

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

City of Vermillion

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

February 26, 1981

March 5, 1981

Maryetta Bruce  
(Signature)

Bkpr.  
(Title)

March 5, 81  
(Date Signed)

NOTICE OF HEARING  
ON APPLICATION TO  
APPROPRIATE WATER

Notice is hereby given that Duane A. and Violet A. Olson whose post office address is Meckling, South Dakota, has made an application 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, 47-5-41, 46-6-3.1, 46-6-5, 46-6-6.1, 46-6-10, 46-6-14 and Board Rules ARSD 52:01.01.01 thru 52:01.01.13, for a permit to appropriate for beneficial use .36 cubic feet of water per second of time from ground water (one well) through the Olson No. 4, the point of diversion of which is to be located in the SE one-fourth, NE one-fourth of Section 16, Twp. 92N, Range 53W. Said water to be used for the purpose of providing irrigation on portions of the following described land: SE one-fourth, NE one-fourth, Section 16, T92N, R53W.

This Application No. 4625-3 will be considered by the Water Management Board at the Holiday Inn, Sandy Shore Room, Watertown, South Dakota, upon the 25th day of March, 1981 at 1:00 p.m. The Board 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 Board decision who desires to present evidence or cross examine witnesses according to SDCL 1-26 may notify the Board in writing prior to the hearing or orally at the hearing.

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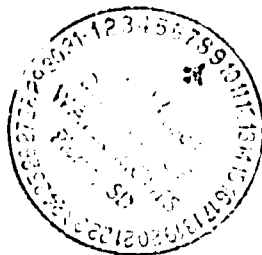
Any handicapped person wishing to attend this hearing can contact the Water Rights Division, DWRNR, Joe Foss Building, Pierre, SD, prior to the hearing date for assistance to assure access to the hearing.

WATER MANAGEMENT BOARD

Betty Westlund,

Water Rights Specialist

Pub: Feb. 26, March 5, 1981



# RECEIPT

WATER RIGHTS COMMISSION

State of South Dakota

No 4 7781

PIERRE, November 12, 1930

RECEIVED OF D. A. Olson and Son, Neckling, SD 57044

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

|                                                                                                                |               |
|----------------------------------------------------------------------------------------------------------------|---------------|
| Fee for Application for Permit to Appropriate Water No. 4625-3 (examination, processing, recording and filing) | 150.00        |
| 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)                                                                    |               |
| <b>TOTAL</b>                                                                                                   | <b>150.00</b> |

WATER RIGHTS COMMISSION

By John Hatch  
Chief Engineer, Executive Officer  
JOHN HATCH / 61

Permit No. 4675-3Water Division 3 MISSOURI 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 DUANE A. A. VIGLITA OLSON of MECKLING holder of Permit No. 4675-3, bearing date of priority of FEBRUARY 12, 1981 authorizing the diversion of .36 cu. ft. per second of the waters of GROUNDWATER for IRRIGATION purposes, in CLAY 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:

98' DEEP WELL WITH 8" PLASTIC CASING - 20' SLOTTED  
FAIRBANKS MORSE 6" PUMP  
POWERED BY 30 HP US ELECTRIC MOTOR

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

8" LINE TO CENTER OF PLOT - 15'

C. Works used to apply water to beneficial use.

2 TOWER ZIMMATIC CENTER PLOT - MODEL 507  
WITH NELSON #100 END GUN

The system is in the following condition. NEW.

The point of diversion is located 500' W & 500' N OF THE E 1/4 CORNER,  
SECTION 16, T92N, R53W

The works are capable of diverting and conveying to the place of use .46 (250 GPM)  
 cu. ft. per second of water which is to be used for IRRIGATION

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

FOR IRRIGATING A 25 ACRE CIRCLE IN THE SE 1/4,  
SECTION 16, T92N, R53W

comprising a total of 25 acres of land.

Date NOVEMBER 3, 1981  
[Signature]  
 (Signature)

# RECEIPT

WATER RIGHTS COMMISSION

State of South Dakota

No 4 8584

PIERRE, December 10, 1921

RECEIVED OF D. A. Olson & Son, RP 1, Box 81, Macklin, SD 57034

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. 4625-3                                       | 50.00 |  |
| Fee for inspecting Beneficial Use, and issuing Water License No. 4625 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 _____<br>(any other work as provided by law)                                                                |       |  |
| TOTAL                                                                                                               | 50.00 |  |

WATER RIGHTS COMMISSION

By *(John Hatch)*  
Chief Engineer, Executive Officer  
JOHN HATCH /bt

Permit No 4625-3

Water Diversion No. 3 Missouri River Water District

CERTIFICATE OF CONSTRUCTION

This is to Certify, That Duane A & Violet A Olson

\_\_\_\_\_ the holder \_\_\_\_\_ of  
Permit No. 4625-3, issued upon Application No. 4625-3, bearing date of priority of \_\_\_\_\_  
February 12, 1982 authorizing the diversion of 0.36 cu. ft. per second of the waters of \_\_\_\_\_  
groundwater (1 well) County of Clay, State of South Dakota at \_\_\_\_\_  
a point 500'W and 500'N of the E 1/4 corner Section 16, T92N, R53W

\_\_\_\_\_, for irrigation

purposes, has we 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 0.46 cu. ft. per second of water.

Date May 11, 1982

  
\_\_\_\_\_  
JOHN HATCH, Chief Engineer  
Water Rights Division

## STATE OF SOUTH DAKOTA

## WATER LICENSE NO. 4625-3

(1) WHEREAS, On the 17th day of November, A. D. 1980  
Duane A and Violet A Olsc:

made Water Right Application No. 4625-3 for a permit to use 0.36 cubic feet per second of the waters  
of groundwater (one well)  
County of Clay, State of South Dakota, for irrigation  
purposes; and

(2) WHEREAS, On the 26th day of May, A. D. 1981  
Permit No. 4625-3, with a date of priority of February 12, 1981

was issued to said applicant for for the diversion of said water, and provided for the completion of construction of the water  
supply system therein described on or before the 26th day of March, A. D. 1986 and for the  
application to beneficial use of said water on or before the 26th day of March, A. D. 1988

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 0.36 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 a 25 acre circle in the SE 1/4 NE 1/4 Section 16, T92N, R53W

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

\_\_\_\_\_ of Meckling, South Dakota

the holder 0 and owner 0 of said permit No. 4625-3 a water right, dating from February 12, 1981

\_\_\_\_\_ to use of 0.36 cubic feet per second of the waters

of groundwater (in well)

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

purposes hereinbelow mentioned, to be diverted at a point 500'W and 500'N of the E 1/4 corner, Section-

16, T92N, R53W

and conducted to and upon a 25 acre circle in the SE 1/4 NE 1/4, Section 16, T92N,

R53W

for the purpose of irrigation

Subject to any limitations listed in Water Right Permit No. 4625-3 and subject to the laws of the State of South Dakota.

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

this, 11th day of May A. D.

Nineteen Hundred and Eighty-two

WATER MANAGEMENT BOARD

by:

John Hatch  
Chief Engineer, Executive Officer

JOHN HATCH

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

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

WATER RIGHTS DIVISION  
(605) 773-3352

3475-3  
4700-3  
4613-3  
4625-3  
2158-3

November 17, 1987

Duane Olson  
RR 1, Box 81  
Meckling, South Dakota 57044

Dear Mr. Olson:

I am returning your 1987 Irrigation Water Use Questionnaires. As stated in the October 8th letter, Water Management Board Rules or water permit qualifications require questionnaires to be submitted each year.

Your questionnaires as returned do not provide the data that is required. I am unable to determine the monthly acre-feet of water that was used by a certain crop from your questionnaires. The questionnaires will have to be completed and returned by December 15, 1987.

If you have any questions, please contact me.

Sincerely,

Delvin D. Brosz, P.E.  
Hydrologist

DJB:ms  
Enc.

#2153-3

#3475-3

#4625-3

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

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

February 17, 1989

Duane A. & Violet Olson  
RR 1, Box 81  
Meckling, SD 57044

Dear Mr. and Mrs. Olson:

On October 6, 1988, the Water Management Board adopted rules to implement a 1988 law for application of chemicals through irrigation systems. The rules establish equipment standards, performance standards and installation requirements for irrigation systems that apply chemicals (fertilizers, insecticides, or herbicides) with irrigation water.

You have indicated on your 1988 Water Management Board Irrigation Questionnaire that you do apply chemicals with irrigation water. A copy of the new rules for chemigation are enclosed for your information.

The new standards include:

- \* a check valve between the irrigation pump and the point of chemical injection;
- \* a vacuum relief valve on top of the pipeline between the irrigation pump and the irrigation pipeline check valve;
- \* a low-pressure drain on the bottom of the pipeline between the irrigation pump and the irrigation pipeline check valve;
- \* a chemical injection line check valve between the chemical injection pump and the point at which the chemical is injected into the irrigation line; a second check valve is required if the chemical injection pump is not a positive displacement pump;
- \* an interlock system which ensures that the chemical injection pump will stop whenever the irrigation pump stops;
- \* an inspection port between the irrigation pump and the check valve on the irrigation line;

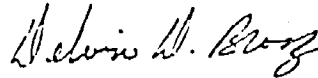


Each of these equipment requirements are discussed more thoroughly in Sections 74:02:09:05 through 74:02:09:10 of the enclosed rules. Appendix A contains diagrams of the arrangements of these anti-pollution devices.

The equipment must be installed according to the manufacturer's specifications, calibrated, and maintained in good working condition. All chemical product labels must be followed and warning signs must be posted. These rules also require reporting of all spills, accidents, and system malfunctions. A 24-hour telephone number is provided.

The chemigation rules contain notification and record keeping requirements. Prior to using chemigation, notification must be given to the Chief Engineer on the enclosed Form 1C. Information that must be provided in this notification includes the water permit or right number, the name, address, and telephone number of the water permit or right holder and of the system operator, and the legal description of the lands on which the system is located. A record of the name, quantity, dates and hours of each chemical applied must be provided to the Chief Engineer on Form 2C. A copy of this form is also enclosed for your information. It will be mailed with the annual irrigation questionnaire and must be returned with the questionnaire by the date specified. If you have any questions regarding these rules or need additional copies of the forms, please contact Susan Bowar, Water Rights Engineer (605-773-3352).

Very truly yours,



for JOHN HATCH, Chief Engineer  
Water Rights Division



4625-3

DEPARTMENT of ENVIRONMENT  
and NATURAL RESOURCES

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

November 3, 1992

No. 2158-3  
3475-3  
4625-3

D. A. Olson & Sons  
RR 1, Box 81  
Meckling, SD 57044

Dear Sirs:

Enclosed are partially completed "Notice of Transfer" forms for use in filing an ownership change on Water Right Nos. 2158-3, 3475-3 and 4625-3. The water rights are currently listed in the name of Duane A. Olson and Violet A. Olson.

The transfer forms should be checked over for accuracy and signed by the new owner in the presence of a notary public. Upon completion, return the forms to our office with a required filing fee of \$2.50 per transfer, a total of \$7.50.

South Dakota Water Law 46-5-50.3 requires Notice of any sale, grant, lease, conveyance or other transfer of a water permit or water right to appropriate water to be filed with this office within ninety days.

If you have any questions, please contact me.

Sincerely,

Cheryl F. Frost  
Secretary  
Water Rights Division  
(605) 773-3352

enclosure

4625-3

# NOTICE OF TRANSFER OF OWNERSHIP

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

No. 4625-3

Date: DECEMBER 2, 1992

I/We request that Water Right No. 4625-3

formerly owned by. Duane A Olson and Violet A Olson, RR #1 Box 81, Meckling, SD 57044

be transferred to: (name & address) D A Olson and Sons, RR #1 Box 81, Meckling, SD 57044

(Telephone No) \_\_\_\_\_

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

SE 1/4NE 1/4 Section 16, T92N, R53W

I/We understand that the validity of Water Right No. 4625-3 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 at the Division of Water Rights, as evidence of the change of ownership.

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

STATE OF SOUTH DAKOTA )  
County of CLAY )

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

Subscribed and sworn to before me this 14th day of DECEMBER, 19 92.  
*for D.A. Olson & Sons partnership*  
*(Signed)*

*[Signature]*  
\_\_\_\_\_  
(Notary Public)

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

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

# RECEIPT

Division of Water Rights

South Dakota Department of Environment and Natural Resources

413553

Pierre, \_\_\_\_\_ December 21, 19 92

RECEIVED OF L.A. Olson & Sons, RR 1 Box 81, Meckling, SD 57044  
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>Water Right No. 4625-3</u>                                                           | 2     | 50   |
| Fee for Filing Extension Request _____                                                                               |       |      |
| Fee for _____                                                                                                        |       |      |
| _____                                                                                                                |       |      |
| _____                                                                                                                |       |      |
| (Any Other Work Provided by Law.)                                                                                    | Total | 2 50 |

By *John W. Hatch*  
Chief Engineer

46-29-3



DEPARTMENT of ENVIRONMENT  
and NATURAL RESOURCES

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

No. 2158-3  
3475-3  
(4625-3)

D. A. Olson and Sons  
RR 1, Box 81  
Meckling, SD 57044

Dear Sirs:

Enclosed are receipts in the amount of \$2.50 each which you paid for the transfer of Water Right Nos. 2158-3, 3475-3 and 4625-3.

Our records now show D. A. Olson and Sons as the owner of Water Right Nos. 2158-3, 3475-3 and 4625-3.

Sincerely,

Cheryl F. Frost  
Secretary  
Water Rights Division  
(605) 773-3352

enclosure

permit # 4625 3

1. - 1.1

Name Diane Olson

Address Mechling

Health

Mark location  
with an "X"

1 mile

County Clay  
ME 1 1 Sec. 16 Twp. 92 Rg. 54 <sup>3</sup> Twp.

☐ Domestic    ☐ Municipal    ☐ Test  
Holes  
☒ Irrigation    ☐ Industrial    ☐ Stock

☒ Forward Rotary ☐ Bored ☐ Jetted  
☐ Reverse Rotary ☐ Cable ☐ Other

Diameter of Hole 14"  
Depth 124  
Casing ☐ Steel ☐ Concrete  
8" ☒ Plastic ☐ Other  
If other, specify \_\_\_\_\_

Was casing end left open no  
Was a well screen installed yes  
Describe Well Screen  
Diameter 8" Material PVC  
Slot size 60  
Was well gravel packed yes  
Was well grouted no  
Was water sample taken yes

Static water level: 12 below land surface  
If flooding: closed in pressure: 151  
rate of flow: 650

| Value | Reduced | Other |
|-------|---------|-------|
| 1     | 1       | 1     |
| 2     | 2       | 2     |
| 3     | 3       | 3     |
| 4     | 4       | 4     |
| 5     | 5       | 5     |
| 6     | 6       | 6     |
| 7     | 7       | 7     |
| 8     | 8       | 8     |
| 9     | 9       | 9     |
| 10    | 10      | 10    |
| 11    | 11      | 11    |
| 12    | 12      | 12    |
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| 93    | 93      | 93    |
| 94    | 94      | 94    |
| 95    | 95      | 95    |
| 96    | 96      | 96    |
| 97    | 97      | 97    |
| 98    | 98      | 98    |
| 99    | 99      | 99    |
| 100   | 100     | 100   |

If other, specify \_\_\_\_\_

☒ Pumped \_\_\_\_\_  
☐ Bailed Describes: \_\_\_\_\_  
☐ Other \_\_\_\_\_

| Pumping Level Below Land Surface |           | Hrs. pumped |     | GPM       |          |
|----------------------------------|-----------|-------------|-----|-----------|----------|
| <u>12</u>                        | ft. After | <u>1</u>    |     | <u>66</u> | <u>0</u> |
| _____                            | " "       | _____       | " " | _____     | " "      |
| _____                            | " "       | _____       | " " | _____     | " "      |

Depth

[illegible]

(Use Back if Necessary)

Date Completed: 12-12-80

Driller: Wetmore Drilling 341  
Driller's or Firm's Name License No.  
2112 Paul  
Address

Signed By James H. [Signature] Date 12-10-62

NOT TO SCALE

92-53

194.5 6-B

(6-213)  
6-241  
(6-m242)

SE  $\frac{1}{4}$  - NE  $\frac{1}{4}$  - 169253

246

422'

W 81/1

500'

16

(6-130)

38.3

(6-65)

4.1

6-129

708

32.6

6-33

3.0  
6-199

15.0  
(6-198)

19.2  
(6-32)

19.0  
(5-m237)  
518

6-33  
19.0

77.2

(6-120)

92-53

Robert J. Beach  
CLAY COUNTY  
AGRICULTURE EXT. AGENT  
VERMILLION, S. D.

appl# 4625-3