

4313

Name Irl Davis, Jr

By \_\_\_\_\_

Address Rt. 1, Box 41 ID  
Tygh Valley, OR 97106Change in POUDate filed Oct 18, 1979

Date of hearing \_\_\_\_\_

Place of hearing \_\_\_\_\_

Date of order 11-27-79 Vol. 32, page 529Date for application of water 10-1-81

Proof mailed \_\_\_\_\_

Proof received \_\_\_\_\_

Certificate issued 10/06/2006, page 82347

## DESCRIPTION OF WATER RIGHT

Name of stream Badger CreekTrib. of \_\_\_\_\_ County of WascoUse irrigationQuantity of water \_\_\_\_\_ No. of acres 4<sup>0</sup>Name of ditch BadgerDate of priority Oct 21, 1929In name of Badger Improvement District

\_\_\_\_\_ Adjudication, Vol. \_\_\_\_\_, page \_\_\_\_\_

App. No. 13088 Per. No. 15165 Cert. No. 46532 <sup>504</sup>

Certificate cancelled \_\_\_\_\_

Notation made on record by \_\_\_\_\_

## FEES PAID

| Date            | Amount                 | Receipt No.  |
|-----------------|------------------------|--------------|
| <u>10-18-79</u> | <u>30<sup>00</sup></u> | <u>14610</u> |
| TOTAL . . .     |                        |              |
|                 | Cert. Fee              |              |

## FEES REFUNDED

| Date | Amount | Check No. |
|------|--------|-----------|
|      |        |           |

## REMARKS

See T-4312, 4314, 4324

Card for C NOV 20 1981

|                                       |  |
|---------------------------------------|--|
| W.R.I.S.                              |  |
| Assembled <u>7-2-85</u> by <u>SPB</u> |  |
| Entered _____ by _____                |  |
| Verified _____ by _____               |  |

|                                                  | INDEX CARDS: |         |
|--------------------------------------------------|--------------|---------|
|                                                  | Entered      | Checked |
| <input checked="" type="checkbox"/> Name         | <u>lg</u>    | _____   |
| <input checked="" type="checkbox"/> Stream       | <u>lg</u>    | _____   |
| <input checked="" type="checkbox"/> Pt. of Div.  | <u>lg</u>    | _____   |
| <input checked="" type="checkbox"/> Calendar     | <u>lg</u>    | _____   |
| CHECKED TO RECORDS:                              |              |         |
| <input checked="" type="checkbox"/> Twp. & Rge.  | <u>SPB</u>   | _____   |
| <input type="checkbox"/> Decree-vault            | _____        | _____   |
| <input type="checkbox"/> Decree-safe             | _____        | _____   |
| <input checked="" type="checkbox"/> Cert. of W/R | <u>SPB</u>   | _____   |
| <input checked="" type="checkbox"/> Per. Folder  | <u>lg</u>    | _____   |
| <input type="checkbox"/> Chainindex              | _____        | _____   |
| <input type="checkbox"/> Cross Ref.              | _____        | _____   |
| <input checked="" type="checkbox"/> Power Claim  | <u>lg</u>    | _____   |
| <input checked="" type="checkbox"/> Abstracts    | <u>lg</u>    | _____   |

82347

458



This is a final order in other than a contested case. This order is subject to judicial review under ORS 183.484. Any petition for judicial review must be filed within the 60 day time period specified by ORS 183.484(2).

Pursuant to ORS 536.075 and OAR 137-004-0080 you may either petition for judicial review or petition the Director for reconsideration of this order. A petition for reconsideration may be granted or denied by the Director, and if no action is taken within 60 days following the date the petition was filed, the petition shall be deemed denied.

STATE OF OREGON

COUNTY OF WASCO

CERTIFICATE OF WATER RIGHT

THIS CERTIFICATE ISSUED TO

BADGER IMPROVEMENT DISTRICT  
80309 ROSS ROAD  
TYGH VALLEY, OREGON 97063

confirms the right to use the waters of BADGER CREEK AND BADGER LAKE RESERVOIR, constructed under Permit R-773, tributaries of the WHITE RIVER, for IRRIGATION AND SUPPLEMENTAL IRRIGATION of 4.0 ACRES.

This right was perfected under Permit 15165. The date of priority is OCTOBER 21, 1929. The amount of water used for irrigation is limited to a diversion of not to exceed 0.20 cubic foot per second from Badger Creek for irrigation and 0.08 cubic foot per second from Badger Lake reservoir for supplemental irrigation.

The amount of water used for irrigation together with the amount secured under any other right existing for the same lands, shall be limited to a diversion of not to exceed one acre foot per acre during any 30 day period up to July 1 of each year and not to exceed 3.0 acre feet per acre during any irrigation season; provided, the rate of flow shall not exceed ONE-FORTIETH of a second foot per acre up to July 1 of each year and thereafter not to exceed ONE-EIGHTIETH of a second foot per acre, except in case of rotation; provided further that the amount of water allowed herein, together with the amount secured under any other right existing for the same lands shall not exceed the limitation allowed herein.



The points of diversion are located as follows:

SW 1/4 SW 1/4, SECTION 16, TOWNSHIP 3 SOUTH, RANGE 10 EAST, W.M.;  
400 FEET NORTH AND 800 FEET EAST FROM THE SW CORNER, SECTION 16.

NE 1/4 SW 1/4, SECTION 29, TOWNSHIP 3 SOUTH, RANGE 11 EAST, W.M.;  
1290 FEET SOUTH AND 550 FEET WEST FROM THE C 1/4 CORNER, SECTION  
29.

The use shall conform to such reasonable rotation system as may be  
ordered by the proper state officer.

A description of the place of use to which this right is appurtenant  
is as follows:

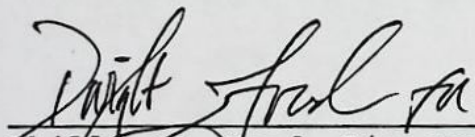
LOT 4 (SW 1/4 SW 1/4) 4.0 ACRES  
SECTION 7  
TOWNSHIP 4 SOUTH, RANGE 13 EAST, W.M.

This certificate is issued to confirm a change in PLACE OF USE approved  
by an order of the Water Resources Director entered MARCH 25, 1998,  
approving Transfer Application T-4313, and together with Certificate  
82086, supersedes Certificate 46532, State Record of Water Right  
Certificates.

The right to the use of the water for the above purpose is restricted to  
beneficial use on the lands or place of use described. The use  
confirmed herein may be made only at times when sufficient water is  
available to satisfy all prior rights, including rights for maintaining  
instream flows.

WITNESS the signature of the Water Resources Director, affixed

OCT 06 2006

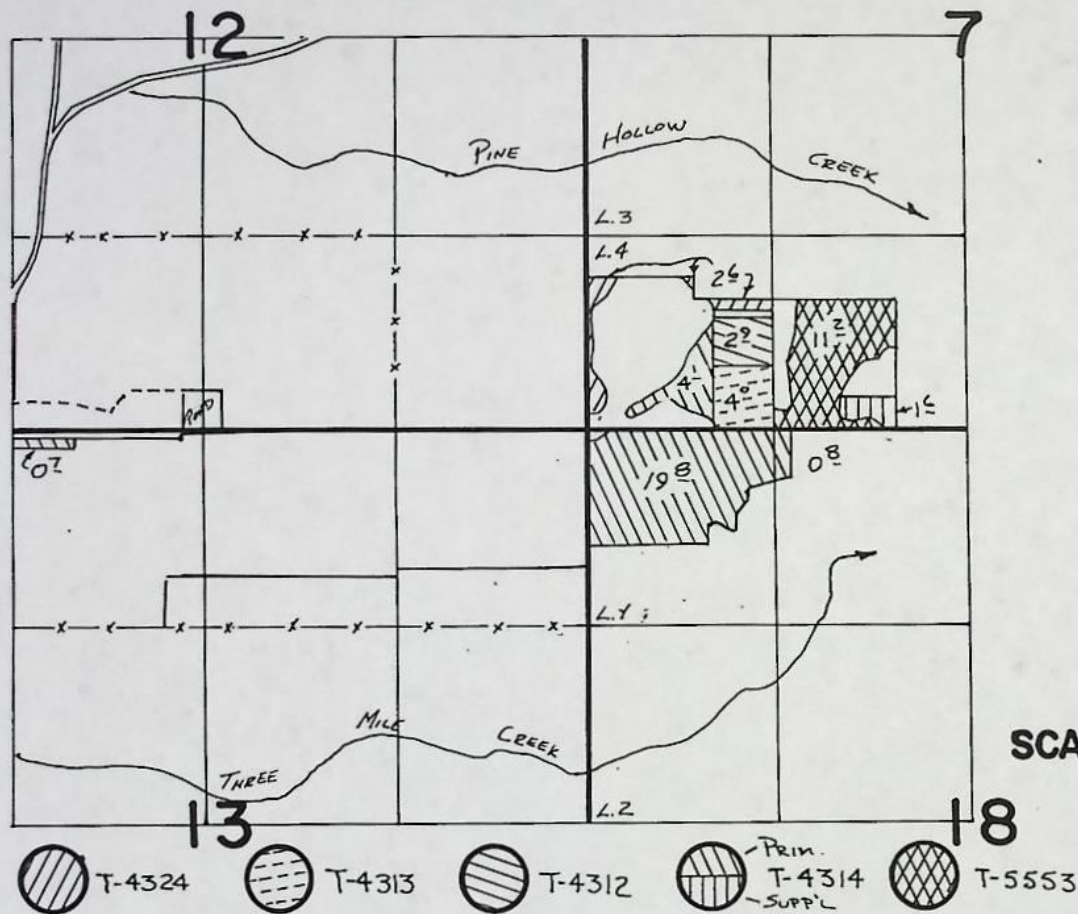


Phillip C. Ward, Director  
Oregon Water Resources Department

Recorded in State Record of Water Right Certificates Number 82347

T-4313.JWG

T. 4S., R. 12 & 13E., W. M.



**FINAL PROOF SURVEY**  
UNDER

**TRANSFERS 4324, 4313, 4312, 4314, 5553**  
IN NAME OF

.....**RAY A. BENZEL**.....

Surveyed 10-18 1988, by V.H. Church



BEFORE THE WATER RESOURCES DIRECTOR OF OREGON

WASCO COUNTY

IN THE MATTER OF THE APPLICATION)  
OF IRL DAVIS, JR. FOR APPROVAL )  
OF A CHANGE IN PLACE OF USE OF )  
WATER )  
- - - - - )

ORDER APPROVING  
TRANSFER NO. 4313

On October 18, 1979, an application was filed in the office of the Water Resources Director by Irl Davis, Jr. for approval of a change in place of use from Badger Creek, pursuant to the provisions of ORS 540.510 to 540.530.

The certificate recorded at page 46532, Volume 39, State Record of Water Right Certificates, in the name of Badger Improvement District, describes a right for the use of not to exceed 24.0 cubic feet per second from Badger Creek and reservoir for irrigation and supplemental irrigation of, among other lands, a certain 4.0 acres in the SW $\frac{1}{4}$  NW $\frac{1}{4}$  of Section 3, Township 4 South, Range 12 East, W. M., with a date of priority of October 21, 1929.

Water for the said right is diverted, through the Badger Ditch, from points located 400 feet North and 800 feet East from the Southwest Corner of Section 16, being within the SW $\frac{1}{4}$  SW $\frac{1}{4}$  of Section 16, Township 3 South, Range 10 East, W. M., and 1290 feet South and 550 feet West from the Center of Section 29, being within the NE $\frac{1}{4}$  SW $\frac{1}{4}$  of Section 29, Township 3 South, Range 11 East, W. M.

The applicant herein, owner of the lands above described, proposes to sever the right therefrom and, without loss of priority, to irrigate in lieu thereof a certain 4.0 acres in SW $\frac{1}{4}$  SW $\frac{1}{4}$  of Section 7, Township 4 South, Range 13 East, W. M.

Mr. Thomas J. Paul, Watermaster, has filed a statement to the effect that the proposed change in place of use may be made without injury to existing rights.

No objections having been filed and it appearing that the proposed change in place of use may be made without injury to existing rights, the application should be approved.

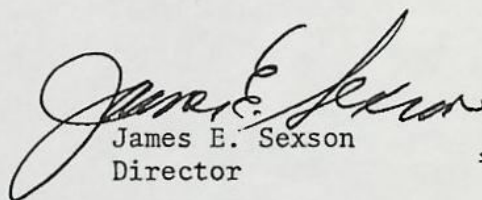
NOW, THEREFORE, it hereby is ORDERED that the requested change in place of use, as described herein, without loss of priority, is approved.

It is FURTHER ORDERED that the quantity of water used shall not exceed 0.2 cubic foot per second from Badger Creek for irrigation and 0.08 cubic foot per second from Badger Lake reservoir for supplemental irrigation, and shall be further limited to one acre foot per acre during any 30 day period up to July 1st of each year and not to exceed 3 acre feet per acre during any irrigation season; provided, that the rate of flow shall not exceed one-fortieth of a second foot per acre up to July 1st of each year and thereafter not to exceed one-eightieth of a second foot per acre, except in case of rotation; provided further that the amount of water allowed herein, together with the amount secured under any other right existing for the same lands shall not exceed the limitation allowed herein.

It is FURTHER ORDERED that said water so transferred shall be applied to beneficial use on or before October 1, 1981.

It is FURTHER ORDERED that upon proof satisfactory to the Water Resources Director of completion of works and beneficial use of water to the extent intended under the provisions of this order the certificate of water right heretofore issued to Badger Improvement District and recorded at page 46532, Volume 39, State Record of Water Right Certificates, be canceled, and in lieu thereof a new certificate of water right be issued in the name of Badger Improvement District.

Dated at Salem, Oregon this 27th day of November, 1979.

  
James E. Sexson  
Director

5/24



This is a final order in other than a contested case. This order is subject to judicial review under ORS 183.484. Any petition for judicial review must be filed within the 60 day time period specified by ORS 183.484(2). Pursuant to ORS 536.075 and OAR 137-004-0080 you may either petition for judicial review or petition the Director for reconsideration of this order. A petition for reconsideration may be granted or denied by the Director, and if no action is taken within 60 days following the date the petition was filed, the petition shall be deemed denied.

STATE OF OREGON

COUNTY OF WASCO

CERTIFICATE OF WATER RIGHT

THIS CERTIFICATE ISSUED TO

BADGER IMPROVEMENT DISTRICT  
80309 ROSS ROAD  
TYGH VALLEY, OREGON 97063

confirms the right to the waters of BADGER CREEK and a RESERVOIR constructed under Permit R-773, a tributary of the WHITE RIVER, for IRRIGATION of 478.3 ACRES AND SUPPLEMENTAL IRRIGATION of 650.72 ACRES, DOMESTIC AND STOCK USE.

This right was perfected under Permit 15165. The date of priority is OCTOBER 21, 1929. The amount of water to which this right is entitled is limited to an amount actually beneficially used and shall not exceed 23.72 CUBIC FEET PER SECOND (cfs), being 11.86 cfs from Badger Creek for irrigation, 11.72 cfs from Badger Lake Reservoir for supplemental irrigation, and 0.14 cfs from Badger Creek for domestic and stock use, or its equivalent in case of rotation, measured at the points of diversion from the source.

The point of diversion is located as follows:

SW  $\frac{1}{4}$  NE  $\frac{1}{4}$ , SECTION 32, T 3 S R 14 E, W.M.

The amount of water used for irrigation, together with the amount secured under any other right existing for the same lands, is limited to a diversion of not to exceed one acre foot per acre during any 30 day period up to July 1<sup>st</sup> of each year and not to exceed 3 acre feet per acre during any irrigation season; provided, the rate of flow shall not exceed ONE-FORTIETH of a second foot per acre up to July 1<sup>st</sup> of each year and thereafter not to exceed ONE-EIGHTIETH of a second



foot per acre, except in case of rotation; provided further that the amount of water allowed herein, together with the amount secured under any other right existing for the same lands shall not exceed the limitation allowed herein.

The use shall conform to such reasonable rotation system as may be ordered by the proper state officer.

A description of the place of use to which this right is appurtenant is as follows:

PRIMARY - BADGER CREEK

SW  $\frac{1}{4}$  SW  $\frac{1}{4}$  4.0 ACRES  
SECTION 33  
T 3 S, R 12 E, W.M.

SE  $\frac{1}{4}$  SE  $\frac{1}{4}$  15.0 ACRES  
SECTION 2  
T 4 S, R 11 E, W.M.

SW  $\frac{1}{4}$  NE  $\frac{1}{4}$  15.0 ACRES  
SW  $\frac{1}{4}$  NW  $\frac{1}{4}$  8.6 ACRES  
SE  $\frac{1}{4}$  NW  $\frac{1}{4}$  15.0 ACRES  
SW  $\frac{1}{4}$  SE  $\frac{1}{4}$  20.0 ACRES  
SE  $\frac{1}{4}$  SE  $\frac{1}{4}$  30.0 ACRES  
SECTION 1

SW  $\frac{1}{4}$  NW  $\frac{1}{4}$  34.0 ACRES  
SE  $\frac{1}{4}$  SW  $\frac{1}{4}$  17.7 ACRES  
NE  $\frac{1}{4}$  SE  $\frac{1}{4}$  16.9 ACRES  
SECTION 2

NW  $\frac{1}{4}$  NE  $\frac{1}{4}$  5.0 ACRES  
SW  $\frac{1}{4}$  NE  $\frac{1}{4}$  20.0 ACRES  
SE  $\frac{1}{4}$  NE  $\frac{1}{4}$  8.0 ACRES  
NE  $\frac{1}{4}$  NW  $\frac{1}{4}$  15.7 ACRES  
NE  $\frac{1}{4}$  SE  $\frac{1}{4}$  8.0 ACRES  
NW  $\frac{1}{4}$  SE  $\frac{1}{4}$  6.0 ACRES  
SE  $\frac{1}{4}$  SE  $\frac{1}{4}$  5.0 ACRES  
SECTION 3

SW  $\frac{1}{4}$  NW  $\frac{1}{4}$  2.5 ACRES  
SE  $\frac{1}{4}$  NW  $\frac{1}{4}$  15.0 ACRES  
SW  $\frac{1}{4}$  SW  $\frac{1}{4}$  11.7 ACRES  
SECTION 4

SE  $\frac{1}{4}$  NW  $\frac{1}{4}$  15.0 ACRES  
SECTION 5

SE  $\frac{1}{4}$  SE  $\frac{1}{4}$  20.0 ACRES  
SECTION 7

SW  $\frac{1}{4}$  SW  $\frac{1}{4}$  8.0 ACRES  
SECTION 8

NW  $\frac{1}{4}$  NW  $\frac{1}{4}$  5.0 ACRES  
SW  $\frac{1}{4}$  SE  $\frac{1}{4}$  7.0 ACRES  
SE  $\frac{1}{4}$  SE  $\frac{1}{4}$  6.5 ACRES  
SECTION 9

SW  $\frac{1}{4}$  NE  $\frac{1}{4}$  5.3 ACRES  
NE  $\frac{1}{4}$  SE  $\frac{1}{4}$  7.3 ACRES  
NW  $\frac{1}{4}$  SE  $\frac{1}{4}$  10.6 ACRES  
SECTION 10

NE  $\frac{1}{4}$  NW  $\frac{1}{4}$  10.0 ACRES  
SE  $\frac{1}{4}$  SW  $\frac{1}{4}$  6.0 ACRES  
SECTION 11

NW  $\frac{1}{4}$  NE  $\frac{1}{4}$  12.0 ACRES  
NE  $\frac{1}{4}$  NW  $\frac{1}{4}$  4.0 ACRES  
SECTION 13

NE  $\frac{1}{4}$  NE  $\frac{1}{4}$  2.5 ACRES  
SECTION 18  
T 4 S, R 12 E, W.M.

NE  $\frac{1}{4}$  SE  $\frac{1}{4}$  10.0 ACRES  
NW  $\frac{1}{4}$  SE  $\frac{1}{4}$  10.0 ACRES  
SE  $\frac{1}{4}$  SE  $\frac{1}{4}$  10.0 ACRES  
SECTION 6



NE ¼ NE ¼ 14.2 ACRES  
NE ¼ NW ¼ 26.8 ACRES  
SECTION 7

NW ¼ NW ¼ 10.0 ACRES  
SE ¼ NW ¼ 5.0 ACRES  
SECTION 8  
T 4 S, R 13 E, W.M.

SUPPLEMENTAL - BADGER LAKE RESERVOIR

SW ¼ SW ¼ 4.00 ACRES  
SE ¼ SE ¼ 14.14 ACRES  
SECTION 33  
T 3 S, R 12 E, W.M.

NE ¼ SW ¼ 8.95 ACRES  
SE ¼ SE ¼ 16.22 ACRES  
SECTION 7

SE ¼ SE ¼ 10.38 ACRES  
SECTION 2

SW ¼ SW ¼ 8.00 ACRES  
NW ¼ SE ¼ 12.45 ACRES  
SECTION 8

NW ¼ NE ¼ 8.00 ACRES  
SECTION 12  
T 4 S, R 11 E, W.M.

NW ¼ NW ¼ 4.00 ACRES  
SW ¼ SE ¼ 7.00 ACRES  
SE ¼ SE ¼ 6.50 ACRES  
SECTION 9

SW ¼ NE ¼ 15.00 ACRES  
SW ¼ NW ¼ 11.52 ACRES  
SE ¼ NW ¼ 15.00 ACRES  
NW ¼ SE ¼ 5.35 ACRES  
SW ¼ SE ¼ 28.00 ACRES  
SE ¼ SE ¼ 31.00 ACRES  
SECTION 1

SW ¼ NE ¼ 5.33 ACRES  
NE ¼ SE ¼ 7.00 ACRES  
NW ¼ SE ¼ 10.00 ACRES  
SECTION 10

SW ¼ NW ¼ 25.80 ACRES  
SE ¼ SW ¼ 14.14 ACRES  
NE ¼ SE ¼ 20.76 ACRES  
SECTION 2

NE ¼ NW ¼ 17.00 ACRES  
NW ¼ SW ¼ 10.00 ACRES  
SW ¼ SW ¼ 3.00 ACRES  
SECTION 11

NW ¼ NE ¼ 5.00 ACRES  
SW ¼ NE ¼ 27.26 ACRES  
NE ¼ NW ¼ 15.00 ACRES  
NE ¼ SE ¼ 18.14 ACRES  
NW ¼ SE ¼ 6.00 ACRES  
SE ¼ SE ¼ 7.00 ACRES  
SECTION 3

SW ¼ NE ¼ 15.10 ACRES  
NW ¼ NW ¼ 14.76 ACRES  
SW ¼ NW ¼ 6.00 ACRES  
SE ¼ NE ¼ 7.50 ACRES  
NE ¼ SE ¼ 2.50 ACRES  
SECTION 12

SE ¼ NW ¼ 11.72 ACRES  
SECTION 4

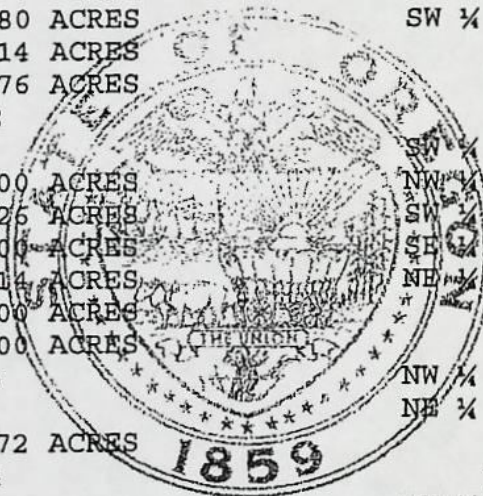
NW ¼ NE ¼ 8.00 ACRES  
NE ¼ NW ¼ 4.00 ACRES  
SECTION 13

NE ¼ NE ¼ 13.00 ACRES  
SE ¼ NW ¼ 10.38 ACRES  
SECTION 5

NW ¼ NW ¼ 7.26 ACRES  
SECTION 15

SW ¼ NW ¼ 7.00 ACRES  
SE ¼ NW ¼ 2.00 ACRES

NE ¼ NE ¼ 1.70 ACRES  
SECTION 18  
T 4 S, R 12 E, W.M.





SW ¼ SW ¼ 11.00 ACRES  
SE ¼ SW ¼ 3.00 ACRES  
SECTION 5

NE ¼ SE ¼ 10.00 ACRES  
NW ¼ SE ¼ 10.00 ACRES  
SE ¼ SE ¼ 20.00 ACRES  
SECTION 6

NE ¼ NE ¼ 9.40 ACRES  
NE ¼ NW ¼ 26.80 ACRES  
SECTION 7

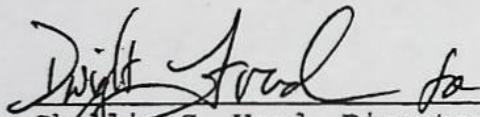
NW ¼ NW ¼ 20.00 ACRES  
SE ¼ NW ¼ 4.00 ACRES  
SW ¼ NE ¼ 28.66 ACRES  
SECTION 8  
T 4 S, R 13 E, W.M.

This certificate describes that portion of the water right confirmed by Certificate 46532, Volume 39, State Record of Water Right certificates, NOT modified by the provisions of an order of the Water Resources Director entered November 27, 1979, approving Transfer 4313.

The issuance of this superseding certificate does not confirm the status of the water right in regard to the provisions of ORS 540.610 pertaining to forfeiture or abandonment.

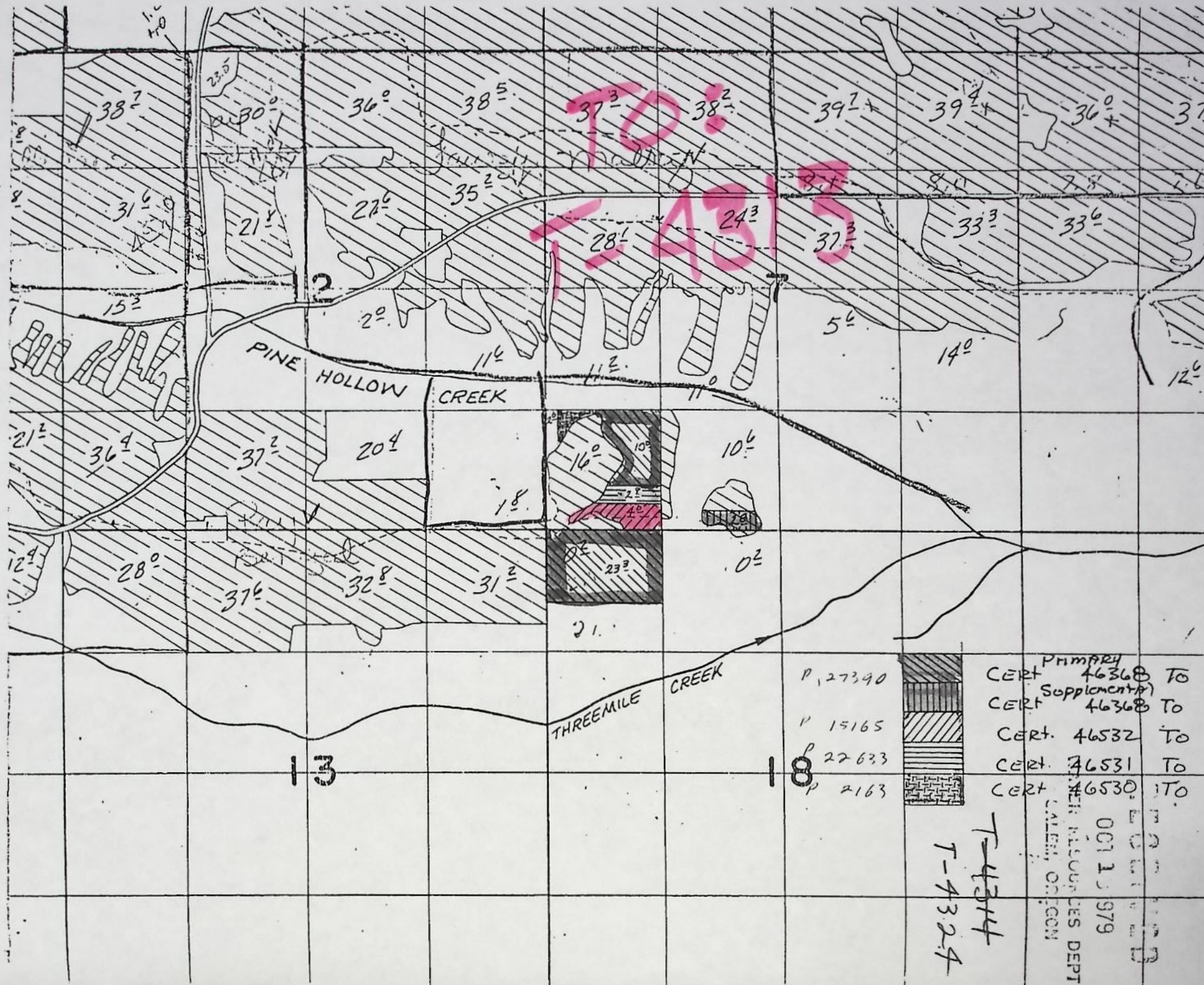
The right to use of the water for the above purpose is restricted to beneficial use on the lands or place of use described. The use confirmed herein may be made only at times when sufficient water is available to satisfy all prior rights, including rights for maintaining instream flows.

WITNESS the signature of the Water Resources Director, affixed  
May 23, 2006.

  
Phillip C. Ward, Director  
Water Resources Department

Recorded in State Record of Water Right Certificates numbered 82086.









## *Water Resources Department*

### MILL CREEK OFFICE PARK

555 13th STREET N.E., SALEM, OREGON 97310

PHONE 378-3066

October 23, 1979

Irl Davis, Jr.  
Route 1, Box 41 ID  
Tygh Valley, Oregon 97063

RE: Files Nos. T-4312, T-4313, T-4314

Dear Mr. Davis:

Your water right transfer applications for approval of changes in place of use of water from Badger Creek and Reservoir, together with supporting data and fees in the amount of \$90, were received October 18, 1979. Our receipts Nos. 14609, 14610 and 14611 are enclosed.

Maps showing the lands to be divested of rights were not enclosed with the applications. Please send maps showing these specific parcels.

Items No. 8 and 13 on T-4314 do not agree. Please correct the appropriate item.

On T-4313, the use of water in item No. 13 should be completed.

Item No. 6 on T-4312 and T-4313 should be completed to show the point of diversion of Badger Ditch.

The reference to supplemental irrigation should be deleted from item No. 8 on T-4312 unless your intent is to change the right from primary to supplemental.

When examination of the applications and supporting data has been completed, you will be advised of any matters requiring your further attention prior to consideration of the application for approval.

Please refer any correspondence to files Nos. T-4312, T-4313 and T-4314.

Sincerely,

Samuel R. Allison  
Supervisor  
Transfer Section

SRA:lcj  
cc: Thomas J. Paul, Watermaster



BADGER CR

WRT-0982-C1

\*\*\* OREGON WATER RESOURCES DEPARTMENT \*\*\*  
 \*\*\* WATER RIGHTS DIVISION \*\*\*  
 \*\*\* WATER RIGHT DATA INPUT FORM \*\*\*

 PAGE 1  
 RUN ON: 3/20/81 AT: 9:08
WATER RIGHT NO. ~~100004313~~ 1 PERMIT NO. 022633 CERTIF. NO.

NAME: IRL DAVIS JR

ORIG. NO. ~~100019284~~ 130881 PREV. NO. ~~100000000~~ 1361 SUPER. NO.

ADDRESS: RT1, Box 41 ID

CITY/STATE/ZIP/COUNTY: TYGH VALLEY, OR 97063 33

STREAM-ID 05 1980 0520 0060 030

RIV. MI.

WM. DIST. 03 W.R. TYPE SA STATUS V

CANCEL YEAR----

CONSTR. COMPLT--&gt; 02 09 1982

YR. LAST USED-----&gt;

NEXT ACTION DUE--&gt;

PRIORITY-----&gt; 10 21 1929

PUT TO USE-----&gt; 02 09 1982

LAST TRANS. DATE--&gt;

LAST TRANS. TYPE--&gt;

APPLICATION--&gt; 10 18 1979

SURVEYED-----&gt;

EXAM. FEE-----&gt; 20.00

RECORDING FEE-----&gt; 10.00

PERMIT ISSUE--&gt; 11 27 1979

CONCURRENCE-----&gt;

CYCLE STATUS-----&gt;

REPORTED FLAG-----&gt;

CONSTR. STRT.--&gt; 11 27 1979

CERTIFIED-----&gt;

CORRES. INIT.-----&gt;

CORRES. DATE-----&gt;

 POINT-OF-DIVERSION DATA;  
 TWP/SP RNGE SECT QTR/QTR STREAM-ID

RIV. MI.

RATE

STATUS S OR P

 \*\* REMARKS; - - - - -  
 \*\* DATED-->

0305 100E 16 C C

0.042

V P

\*\* POB: BADGER DITCH, 400' N &amp; 800' E

305 110E 29 C A

0.041

V S

\*\* FM SW COR S 16', 1290'S &amp; 550'

\*\* W FM CENTER S 29' CHANGES

PLACE-OF-USE DATA:

TWP/SP RNGE SECT QTR/QTR CNTY USE % CNSMTV ACRES STATUS S OR P

0405 130E 07 C C 33 1R 100 4.00

V P

 \*\* POB PART OF C-46532 SEE  
 \*\* 46532

0405 130E 07 C C 33 1R 100 4.00

V S

\*\* ~~1000043122~~

\*\*

\*\*

W.R.I.S.

Assembled 7-2-85 by 500

Entered by

Verified by



Township \_\_\_\_\_

Range \_\_\_\_\_

P. 115

2

1

Budger

Creek

~~4.0 C-9786~~  
~~15.0 P-15165~~  
15.0  
10.33.5  
5.0

~~26.0 C-9786~~  
10.0

~~8.9 C-5385~~ ~~0.3 C-5385~~  
~~8.9 P-15165~~ ~~0.3 P-15165~~  
8.0  
11.2  
5.0

~~6.0 C-5385~~  
~~6.0 P-15165~~

11

12

Three mile

creek

14

13



## Sprinkler Capacity Calculator

### Data Entry (fill in underlined blanks)

|                                      |                                |                                      |
|--------------------------------------|--------------------------------|--------------------------------------|
| Sprinkler group 1                    | Nozzle size = <u>3/16</u> inch | (type an apostrophe before the size) |
|                                      | Pressure = <u>40</u> PSI       |                                      |
|                                      | Number of heads = <u>165</u>   |                                      |
| Sprinkler group 2<br>(if applicable) | Nozzle size = <u>0</u> inch    | (type an apostrophe before the size) |
|                                      | Pressure = <u>0</u> PSI        |                                      |
|                                      | Number of heads = <u>0</u>     |                                      |
| Sprinkler group 3<br>(if applicable) | Nozzle size = <u>0</u> inch    | (type an apostrophe before the size) |
|                                      | Pressure = <u>0</u> PSI        |                                      |
|                                      | Number of heads = <u>0</u>     |                                      |

### Results calculated

|                                   |                               |
|-----------------------------------|-------------------------------|
| Sprinkler group 1 capacity =      | 1056 gpm, or 2.353 cfs        |
| Sprinkler group 2 capacity =      | 0 gpm, or 0 cfs               |
| Sprinkler group 3 capacity =      | 0 gpm, or 0 cfs               |
| <b>Total sprinkler capacity =</b> | <b>1056 gpm, or 2.353 cfs</b> |

Note: If entered values return a result of 0 gpm, then the sprinkler capacity chart does not contain a rate for that nozzle size and PSI.



## Pump Capacity Calculation Sheet

using Department designed formula:

$$(\text{hp})(\text{efficiency}) / (\text{lift} + \text{psi head}) = \text{capacity in cfs}$$

Efficiency:

Centrifugal = 6.61

Turbine = 7.04

---

### Data Entry (fill in underlined blanks)

HP = 40  
Efficiency = 6.61  
Lift = -20  
PSI = 40 ASSUMED

### Results Calculated

(hp)(efficiency) = 264.4  
Head based on psi = 101.6  
Total dynamic head = 81.6  
(head + lift)

Pump Capacity = 3.24 feet per second



[illegible]





CERT. PRIMARY 46368 TO  
 CERT. Supplemental 46368 TO  
 CERT. 46532 TO  
 CERT. 46531 TO  
 CERT. 46530 TO  
 CALIF. RESOURCES DEPT  
 OCEANOGRAPHY  
 OCT 13 1979

T-4314  
 4313



RECEIVED

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OCT 13 1979

WATER RESOURCES DEPT  
SALEM, OREGONWATER RESOURCES DEPT  
SALEM, OREGON

## Application for Transfer of Water Right T-4313

To the WATER RESOURCES DIRECTOR OF OREGON:

I, Irl Davis, Jr.  
(Name of applicant)  
of Rt. 1, Box 41 ID, Tygh Valley  
(Mailing address) (City)  
State of Oregon, 97063, 544-2482, do hereby make application for change  
(Zip Code) (Phone number)  
in place of use  
(In point of diversion; place of use; use heretofore made of the water)

1. Is the water right recorded in your name? Badger Improvement District  
(If not, give name)

2. Was your water right determined by Decree of Court? No If so, give title of proceedings  
(Yes or No)  
number of certificate

3. Was your water right acquired by Water Right Permit? Yes If so, give number  
(Yes or No)  
of permit 15165 Number of certificate Vol. 39, Page 46532

A13088

NOTE: If the entire right of record is not directly involved in the requested change, only that part of the right that is directly involved should be considered in answering the balance of the questions on this form.

4. The source of water is Badger Creek & Reservoir

5. What is the date of priority of your water right? Oct. 21, 1929  
Badger Cr. 1290 Ft. S. & 550 Ft. W. Center

6. The authorized point of diversion is located 400 ft. N. and 800 ft. E. from the SW  
10 Sec. 29 NE 1/4 SW 1/4 (N. or S.) 29 3 S (E. or W.) 11 E  
corner of Sec. 16 being within the SW 1/4 SW 1/4 of Section 16 Tp. 3 S R. 10 E W. M.,  
(No. N. or S.) (No. E. or W.)  
in the county of Wasco The name of the ditch used is Badger

NOTE: Answer question if the application is for change in point of diversion.

7. The proposed point of diversion is located \_\_\_\_\_ ft. \_\_\_\_\_ and \_\_\_\_\_ ft. \_\_\_\_\_ from the \_\_\_\_\_  
(N. or S.) (E. or W.)  
corner of \_\_\_\_\_ being within the \_\_\_\_\_ 1/4 \_\_\_\_\_ 1/4 of Section \_\_\_\_\_ Tp. \_\_\_\_\_ R. \_\_\_\_\_ W. M.,  
(No. N. or S.) (No. E. or W.)  
in the county of \_\_\_\_\_ The name of the ditch to be used is \_\_\_\_\_



8. The use to which the water is applied is Irrigation & Supplemental Irrigation  
(Irrigation, Mining, Power, Manufacturing, etc.)

Location of area irrigated, or place of use if other than irrigation:

| Township<br>North or South | Range<br>E. or W. of<br>Willamette Meridian | Section                 | List $\frac{1}{4}$ - $\frac{1}{4}$ of Section | Number Acres To Be Irrigated |
|----------------------------|---------------------------------------------|-------------------------|-----------------------------------------------|------------------------------|
| 4 S                        | 12 E                                        | 3                       | SW $\frac{1}{4}$ NW $\frac{1}{4}$             | 4.0 <sup>OK</sup>            |
|                            |                                             |                         |                                               |                              |
|                            |                                             |                         |                                               |                              |
|                            |                                             | Supplemental Irrigation |                                               |                              |
| 4 S                        | 12 E                                        | 3                       | SW $\frac{1}{4}$ NW $\frac{1}{4}$             | 4.0 <sup>OK</sup>            |
|                            |                                             |                         |                                               |                              |

(If more space required, attach separate sheet)

9. Are you the legal owner of the above described lands? Yes  
(If not owner, explain your interest)

10. To your knowledge, has any portion of the water right above described undergone a period of five or more consecutive years of nonuse? No  
(Yes or No)

NOTE: Answer questions 11, 12 and 13 if application is for change in use or place of use.

11. Are the lands from which you propose to transfer your water right free of all encumbrances, including taxes, mortgages, liens, etc.? Yes  
(Answer Yes or No)

12. If not, give below a description of existing encumbrances:

| NATURE OF ENCUMBRANCE | HELD BY | AMOUNT |
|-----------------------|---------|--------|
|                       |         |        |
|                       |         |        |

13. The use to which the water is to be applied is Irrigation  
(Irrigation, power, mining, manufacturing, domestic supplies, etc.)

Location of area to be irrigated, or place of use if other than irrigation:

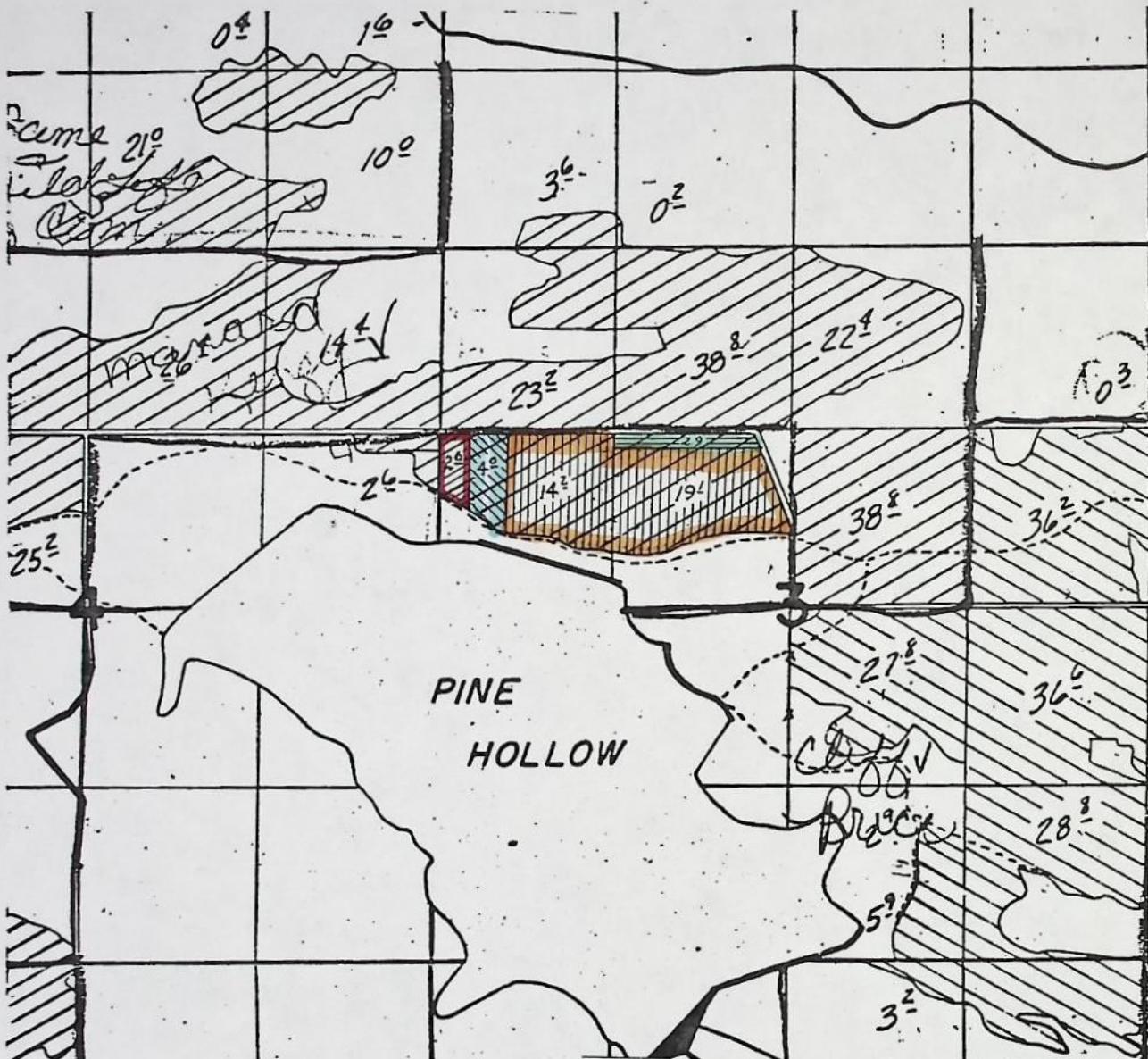
| Township<br>North or South | Range<br>E. or W. of<br>Willamette Meridian | Section                 | List $\frac{1}{4}$ - $\frac{1}{4}$ of Section | Number Acres To Be Irrigated |
|----------------------------|---------------------------------------------|-------------------------|-----------------------------------------------|------------------------------|
| 4 S                        | 13 E                                        | 7                       | SW $\frac{1}{4}$ SW $\frac{1}{4}$             | 4.0 <sup>OK</sup>            |
|                            |                                             |                         |                                               |                              |
|                            |                                             | Supplemental Irrigation |                                               |                              |
| 4 S                        | 13 E                                        | 7                       | SW $\frac{1}{4}$ SW $\frac{1}{4}$             | 4.0 <sup>OK</sup>            |
|                            |                                             |                         |                                               |                              |

(If more space required, attach separate sheet)



F-4313

T. 4 S. R. 12 E W.M.



Map shows where acreage is being transferred  
from - for Irl Davis transfers.

F-4313

|  |              |          |
|--|--------------|----------|
|  | Permit 2163  | 2.6 AC.  |
|  | Permit 15165 | 4.0 AC.  |
|  | Permit 22633 | 2.9 AC.  |
|  | Permit 27390 | 33.3 AC. |



T-4312

4313

4314

TOWNSHIP

45

RANGE

12E

W. M.

Card #1

SECTION

3

NE

NW

SW

SE

APPLICATION  
NUMBER

PERMIT  
NUMBER

CERTIFICATE  
NUMBER

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40<sup>91</sup>

40<sup>70</sup>

40<sup>89</sup>

40<sup>88</sup>

4

Sec 3, Vol. 7

Page 196

5735

10<sup>5</sup>

2<sup>2</sup>

0<sup>2</sup> 14<sup>2</sup>

16

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32 3

116

5385

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15165

See below

Dom

0<sup>2</sup>

4<sup>2</sup> 18<sup>2</sup>

16-10

Dom

21822

17222

21165

Dom

0<sup>2</sup>

4<sup>2</sup> 18<sup>2</sup>

16-10

Dom

22708

17848

21131

Dom

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16-10

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21644

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Dom

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(SEE BACK OF CARD FOR PLAT OF SECTION)

(SEE BACK OF CARD FOR PLAT OF SECTION)

TOWNSHIP 45 RANGE 12E W. M. Card #2 SECTION 3

| NE                                                                                      |      |     |     | NW       |     |    |    | SW  |    |    |    | SE  |     |     |    | APPLICATION<br>NUMBER | PERMIT<br>NUMBER | CERTIFICATE<br>NUMBER |
|-----------------------------------------------------------------------------------------|------|-----|-----|----------|-----|----|----|-----|----|----|----|-----|-----|-----|----|-----------------------|------------------|-----------------------|
| NE                                                                                      | NW   | SW  | SE  | NE       | NW  | SW | SE | NE  | NW | SW | SE | NE  | NW  | SW  | SE |                       |                  |                       |
| ACREAGE IN LOT OR LEGAL SUBDIVISION AS SHOWN ON GOVERNMENT PLAT, IF OTHER THAN 40 ACRES |      |     |     |          |     |    |    |     |    |    |    |     |     |     |    |                       |                  |                       |
|                                                                                         |      |     |     |          |     |    |    |     |    |    |    |     |     |     |    | 41445                 | 30951            |                       |
|                                                                                         |      |     |     |          |     |    |    |     |    |    |    |     |     |     |    | 45212                 | 33229            |                       |
| 52                                                                                      | 202  | 82  | 152 | 4        |     |    |    |     |    |    |    | 182 | 62  |     | 72 | D-136                 | X-18-P10         | 46532                 |
| 52                                                                                      | 2726 |     | 152 | 4        |     |    |    |     |    |    |    | 182 | 62  |     | 72 | D-136                 | X-18-P10         | 46532                 |
|                                                                                         | 102  |     |     |          |     |    |    |     |    |    |    | 162 |     |     | 22 | D-135                 | X-18-P13         |                       |
| 82                                                                                      |      | 172 | 182 | 132      |     |    | 22 |     |    |    |    | 102 | 142 | 162 |    | D-137                 | X-18-P15         | 46531                 |
|                                                                                         |      |     |     |          |     |    |    |     |    |    |    |     |     |     |    | 46024                 | 34373            | CANCELLED             |
|                                                                                         |      |     |     | Domestic |     |    |    | Dom |    |    |    | Dom |     |     |    | G-5180                | G-5031           | 47867                 |
|                                                                                         |      |     |     | 42       | 162 |    |    |     |    |    |    |     |     |     |    | G-5181                | G-5032           | 47868                 |
|                                                                                         |      |     |     | 42       | 162 |    |    |     |    |    |    |     |     |     |    | G-5779                | G-5035           | 47869                 |
|                                                                                         |      |     |     | 42       | 162 |    |    |     |    |    |    |     |     |     |    | R-53065               | R-6368           |                       |
|                                                                                         |      |     |     |          |     |    |    |     |    |    |    |     |     |     |    | 53066                 | 39616            |                       |
|                                                                                         |      |     |     |          |     |    |    |     |    |    |    |     |     |     |    | G-7182                | G-6803           | 4                     |



14: Reasons for the proposed changes are .....

15. Construction work will be completed on or before 1980 .....

16. The water will be completely applied to the proposed use on or before 1980 .....

Remarks .....

**NOTE:** THIS APPLICATION MUST BE ACCOMPANIED BY A MAP OR MAPS SHOWING THE BEFORE AND AFTER LOCATIONS OF THE POINT OF DIVERSION AND/OR PLACE OF USE, AS THE CASE MAY BE.

### AFFIDAVIT OF APPLICANT

I, Irl Davis, Jr., the applicant herein, being first duly sworn, depose and say that I have read the above and foregoing application for transfer of water right; that I know the contents thereof and that the statements therein made are true and correct to the best of my knowledge and belief.

In Witness Whereof, I have hereunto set my hand this 17 day of October, 1979.

Irl Davis, Jr.  
(Name of applicant)

Subscribed and sworn to before me this 17<sup>th</sup> day of October, 1979.

[Notarial Seal]

Thomas J. R. [Signature]

NOTARY PUBLIC FOR OREGON

My commission expires 3-18-80



RECEIVED

FEB 9 1982

WATER RESOURCES DEPT  
SALEM, OREGON

NOTICE OF COMPLETION OF CHANGE IN

flow from Badger Creek

PURSUANT TO TRANSFER APPLICATION NO. 4313

I, RAY BENZEL, hereby certify that completion  
of works and use of water to the extent intended within the provisions  
of the order of the Water Resources Director approving said water  
right transfer application was accomplished by July, 1981

Jan 1982  
Date

Ray A Benzel  
Signature

(Mail to the Water Resources Department, Salem, Oregon 97310.)

OK  
Gin





## STATE OF OREGON

## INTEROFFICE MEMO

TO: TRANSFERS, WATER RIGHTS DIVISION

DATE: NOVEMBER 7, 1979.FROM: \*\* Thomas J. Paul, WatermasterSUBJECT: WATER RIGHT TRANSFER APPLICATION NO. 4324, 4312, 4313, 4314IN THE NAME OF Irl Davis, Jr.*per phone call to W/m  
11-20-79*

In my opinion the proposed change in place of use of water from So. Fk. Badger Cr.  
MAY BE MADE WITHOUT INJURY ~~WOULD RESULT IN INJURY~~\* to an existing water right.

Headgate notices ~~HAVE~~ HAVE NOT been issued for diversion from the sources which  
serves this right.

If for change in point of diversion, is there any intervening point of diversion  
between the authorized and the proposed points of diversion? \_\_\_\_\_  
(yes or no)

In my opinion, the order approving the subject transfer application should include  
the following in regard to the appropriator installing suitable measuring devices  
in the diversion works:

\_\_\_\_\_ (1) PRIOR to the diverting of water at the new point of diversion . . .

X (2) When in the judgment of the watermaster it becomes necessary . . .

\* The approval of this transfer application would result in injury to other water  
rights because \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

\*\* *Thomas J. Paul*  
Watermaster's signature or initials

BEFORE THE STATE ENGINEER OF OREGON

Wasco County

IN THE MATTER OF THE APPLICATION )  
OF IRL DAVIS FOR THE APPROVAL OF )  
A CHANGE IN PLACE OF USE OF WATER )  
FROM BADGER CREEK AND BADGER LAKE )  
RESERVOIR )  
----- )

ORDER APPROVING  
TRANSFER NO. D-136

SP. OR. V18

On August 27, 1968, Irl Davis filed an application in the office of the State Engineer for the approval of a change in place of use of water from Badger Creek and Badger Lake Reservoir, pursuant to the provisions of ORS 540.510 to 540.530.

Certificate of water right issued to Badger Improvement District and recorded at page 20243, Volume 15, State Record of Water Right Certificates, confirms a right to the use of 24.0 cubic feet per second of the waters of Badger Creek and Badger Lake Reservoir for the irrigation and supplemental irrigation of, among other lands, 4.0 acres in NE $\frac{1}{4}$  SW $\frac{1}{4}$ , Section 3, irrigation of 5.0 acres and supplemental irrigation of 4.0 acres in SE $\frac{1}{4}$  NE $\frac{1}{4}$  and irrigation of 5.0 acres and supplemental irrigation of 4.0 acres in NE $\frac{1}{4}$  SE $\frac{1}{4}$ , Section 4, Township 4 South, Range 12 East, W.M., with a date of priority of October 21, 1929.

The applicant herein, owner of the lands above described, proposes to transfer the water right therefrom, without loss of priority, to irrigation and supplemental irrigation of 4.0 acres in SW $\frac{1}{4}$  NW $\frac{1}{4}$ , Section 3, irrigation of 5.0 acres and supplemental irrigation of 4.0 acres in NW $\frac{1}{4}$  NW $\frac{1}{4}$ , Section 9, Township 4 South, Range 12 East and irrigation of 5.0 acres and supplemental irrigation of 4.0 acres in SE $\frac{1}{4}$  NW $\frac{1}{4}$ , Section 8, Township 4 South, Range 13 East, W.M.

Notice by publication as provided by ORS 540.520 was not given in connection with this application for the reason that said



section provides notice is not required on an application for a change in place of use of water only.

Mr. Glenn E. Tracy, Watermaster of District No. 3, has filed a statement to the effect that the proposed change in place of use of water may be made without injury to existing rights.

No objections having been filed and it appearing that the proposed change in place of use of water may be made without injury to existing rights, the application should be approved.

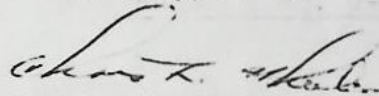
NOW, THEREFORE, it hereby is ORDERED that the proposed change in place of use of water is approved and the water right hereinbefore described as appurtenant to the irrigation and supplemental irrigation of 4.0 acres in NE $\frac{1}{4}$  SW $\frac{1}{4}$ , Section 3, irrigation of 5.0 acres and supplemental irrigation of 4.0 acres in SE $\frac{1}{4}$  NE $\frac{1}{4}$  and irrigation of 5.0 acres and supplemental irrigation of 4.0 acres in NE $\frac{1}{4}$  SE $\frac{1}{4}$ , Section 4, Township 4 South, Range 12 East, W.M., with a date of priority of October 21, 1929, be severed therefrom and simultaneously and without loss of priority transferred to irrigation and supplemental irrigation of 4.0 acres in SW $\frac{1}{4}$  NW $\frac{1}{4}$ , Section 3, irrigation of 5.0 acres and supplemental irrigation of 4.0 acres in NW $\frac{1}{4}$  NW $\frac{1}{4}$ , Section 9, Township 4 South, Range 12 East and irrigation of 5.0 acres and supplemental irrigation of 4.0 acres in SE $\frac{1}{4}$  NW $\frac{1}{4}$ , Section 8, Township 4 South, Range 13 East, W.M.

It is FURTHER ORDERED that said water so transferred shall be applied to beneficial use on or before October 1, 1969.

It is FURTHER ORDERED that certificate of water right heretofore issued to Badger Improvement District and recorded at page 20243, Volume 15, State Record of Water Right Certificates, is canceled and upon receipt of proof satisfactory to the State Engineer of application of water to beneficial use, a certificate of water right shall be issued

to Badger Improvement District confirming the extent to which the water has been applied beneficially and covering the balance of the lands not involved in this proceeding.

Dated at Salem, Oregon, this 7th day of January, 1969.

  
CHRIS L. WHEELER  
State Engineer

On August 27, 1964, the State Engineer's office of the State Engineer for the purpose of a review of the use of water from South Fork of Badger Creek, pursuant to the provisions of ORS 546.500 to 546.503.

Certificate of water right issued to William D. Jones, and recorded at page 5385, Volume 4, State Record of Water Right Certificates, confirms a right to the use of 5.15 cubic feet per second of the waters of South Fork of Badger Creek for irrigation of, among other lands, 2.2 acres in S44 NW4, R.2 E, S.1 N, and 19.2 acres in NW4 NW4, Section 3, Township 4 South, Range 12 East, W.M., with a date of priority of August 6, 1914.

The applicant herein, owner of the lands above described, proposes to transfer the water right therefore, without loss of priority, to 2.6 acres in S44 NW4, Section 1, R.2 E, S.1 N, Section 3, Township 4 South, Range 12 East, W.M. and 11.0 acres in NW4 NW4, Section 7, Township 4 South, Range 13 East, W.M.

Notice by publication as provided by ORS 546.503 was not given in connection with this application for the reason that said section requires that notice be published only if the certificate of water right is being changed or if the certificate is being renewed for a term of more than 10 years.

Mr. James E. Tracy, Superintendent of District No. 2, was filed with the application for the purpose of giving him notice of the proposed transfer of the water right and of the fact that the State Engineer's office is reviewing the application.



TABULATION OF LANDS FOR FINAL PROOF  
UNDER PERMIT NO. 15165

| TOWNSHIP | RANGE | SECTION | SUB-DIVISION                      | PRIMARY FROM DIRECT<br>FLOW OF BADGER CREEK | SUPPLEMENTAL FROM<br>STORAGE IN BADGER<br>LAKE RESERVOIR |
|----------|-------|---------|-----------------------------------|---------------------------------------------|----------------------------------------------------------|
| 3 S.     | 12 E. | 33      | SW $\frac{1}{4}$ SW $\frac{1}{4}$ | 4.0                                         | 4.0                                                      |
|          |       |         | SE $\frac{1}{4}$ SE $\frac{1}{4}$ |                                             | 14.14                                                    |
| 4 S.     | 11 E. | 2       | SE $\frac{1}{4}$ SE $\frac{1}{4}$ | 15.0                                        | 10.38                                                    |
|          |       | 12      | NW $\frac{1}{4}$ NE $\frac{1}{4}$ |                                             | 8.0                                                      |
| 4 S.     | 12 E. | 1       | SW $\frac{1}{4}$ NE $\frac{1}{4}$ | 15.0                                        | 15.0                                                     |
|          |       |         | SW $\frac{1}{4}$ NW $\frac{1}{4}$ | 8.6                                         | 11.52                                                    |
|          |       |         | SE $\frac{1}{4}$ NW $\frac{1}{4}$ | 15.0                                        | 15.0                                                     |
|          |       |         | NW $\frac{1}{4}$ SE $\frac{1}{4}$ |                                             | 5.35                                                     |
|          |       |         | SW $\frac{1}{4}$ SE $\frac{1}{4}$ | 20.0                                        | 28.0                                                     |
|          |       |         | SE $\frac{1}{4}$ SE $\frac{1}{4}$ | 30.0                                        | 31.0                                                     |
|          |       | 2       | SW $\frac{1}{4}$ NW $\frac{1}{4}$ | 34.0                                        | 25.8                                                     |
|          |       |         | SE $\frac{1}{4}$ SW $\frac{1}{4}$ | 17.7                                        | 14.14                                                    |
|          |       |         | NE $\frac{1}{4}$ SE $\frac{1}{4}$ | 16.9                                        | 20.76                                                    |
|          |       | 3       | NW $\frac{1}{4}$ NE $\frac{1}{4}$ | 5.0                                         | 5.0                                                      |
|          |       |         | SW $\frac{1}{4}$ NE $\frac{1}{4}$ | 20.0                                        | 27.26                                                    |
|          |       |         | SE $\frac{1}{4}$ NE $\frac{1}{4}$ | 8.0                                         |                                                          |
|          |       |         | NE $\frac{1}{4}$ NW $\frac{1}{4}$ | 15.7                                        | 15.0                                                     |
|          |       |         | NE $\frac{1}{4}$ SW $\frac{1}{4}$ | 4.0                                         | 4.0                                                      |
|          |       |         | NE $\frac{1}{4}$ SE $\frac{1}{4}$ | 8.0                                         | 18.14                                                    |
|          |       |         | NW $\frac{1}{4}$ SE $\frac{1}{4}$ | 6.0                                         | 6.0                                                      |
|          |       |         | SE $\frac{1}{4}$ SE $\frac{1}{4}$ | 5.0                                         | 7.0                                                      |
|          |       | 4       | SE $\frac{1}{4}$ NE $\frac{1}{4}$ | 5.0                                         | 4.0                                                      |
|          |       |         | SW $\frac{1}{4}$ NW $\frac{1}{4}$ | 2.5                                         |                                                          |
|          |       |         | SE $\frac{1}{4}$ NW $\frac{1}{4}$ | 15.0                                        | 11.72                                                    |
|          |       |         | SW $\frac{1}{4}$ SW $\frac{1}{4}$ | 11.7                                        |                                                          |
|          |       |         | NE $\frac{1}{4}$ SE $\frac{1}{4}$ | 5.0                                         | 4.0                                                      |
|          |       | 5       | NE $\frac{1}{4}$ NE $\frac{1}{4}$ |                                             | 13.0                                                     |
|          |       |         | SE $\frac{1}{4}$ NW $\frac{1}{4}$ | 15.0                                        | 10.38                                                    |
|          |       | 7       | SW $\frac{1}{4}$ NW $\frac{1}{4}$ |                                             | 7.0                                                      |
|          |       |         | SE $\frac{1}{4}$ NW $\frac{1}{4}$ |                                             | 2.0                                                      |
|          |       |         | NE $\frac{1}{4}$ SW $\frac{1}{4}$ |                                             | 8.95                                                     |
|          |       |         | SE $\frac{1}{4}$ SE $\frac{1}{4}$ | 20.0                                        | 16.22                                                    |
|          |       | 8       | SW $\frac{1}{4}$ SW $\frac{1}{4}$ | 8.0                                         | 8.0                                                      |
|          |       |         | NW $\frac{1}{4}$ SE $\frac{1}{4}$ |                                             | 12.45                                                    |
|          |       | 9       | SW $\frac{1}{4}$ SE $\frac{1}{4}$ | 7.0                                         | 7.0                                                      |
|          |       |         | SE $\frac{1}{4}$ SE $\frac{1}{4}$ | 6.5                                         | 6.5                                                      |
|          |       | 10      | SW $\frac{1}{4}$ NE $\frac{1}{4}$ | 5.3                                         | 5.33                                                     |
|          |       |         | NE $\frac{1}{4}$ SE $\frac{1}{4}$ | 7.3                                         | 7.0                                                      |
|          |       |         | NW $\frac{1}{4}$ SE $\frac{1}{4}$ | 10.6                                        | 10.0                                                     |
|          |       | 11      | NE $\frac{1}{4}$ NW $\frac{1}{4}$ | 10.0                                        | 17.0                                                     |
|          |       |         | NW $\frac{1}{4}$ SW $\frac{1}{4}$ |                                             | 10.0                                                     |
|          |       |         | SW $\frac{1}{4}$ SW $\frac{1}{4}$ |                                             | 3.0                                                      |
|          |       |         | SE $\frac{1}{4}$ SW $\frac{1}{4}$ | 6.0                                         |                                                          |
|          |       | 12      | SW $\frac{1}{4}$ NE $\frac{1}{4}$ |                                             | 15.1                                                     |
|          |       |         | NW $\frac{1}{4}$ NW $\frac{1}{4}$ |                                             | 14.76                                                    |
|          |       |         | SW $\frac{1}{4}$ NW $\frac{1}{4}$ |                                             | 6.0                                                      |
|          |       |         | SE $\frac{1}{4}$ NE $\frac{1}{4}$ |                                             | 7.5                                                      |
|          |       |         | NE $\frac{1}{4}$ SE $\frac{1}{4}$ |                                             | 2.5                                                      |
|          |       | 13      | NW $\frac{1}{4}$ NE $\frac{1}{4}$ | 12.0                                        | 8.0                                                      |
|          |       |         | NE $\frac{1}{4}$ NW $\frac{1}{4}$ | 4.0                                         | 4.0                                                      |
|          |       | 15      | NW $\frac{1}{4}$ NW $\frac{1}{4}$ |                                             | 7.26                                                     |
|          |       | 18      | NE $\frac{1}{4}$ NE $\frac{1}{4}$ | 2.5                                         | 1.7                                                      |
| 4 S.     | 13 E. | 5       | SW $\frac{1}{4}$ SW $\frac{1}{4}$ |                                             | 11.0                                                     |
|          |       |         | SE $\frac{1}{4}$ SW $\frac{1}{4}$ |                                             | 3.0                                                      |
|          |       | 6       | NE $\frac{1}{4}$ SE $\frac{1}{4}$ | 10.0                                        | 10.0                                                     |
|          |       |         | NW $\frac{1}{4}$ SE $\frac{1}{4}$ | 10.0                                        | 10.0                                                     |
|          |       |         | SE $\frac{1}{4}$ SE $\frac{1}{4}$ | 10.0                                        | 20.0                                                     |
|          |       | 7       | NE $\frac{1}{4}$ NE $\frac{1}{4}$ | 14.2                                        | 9.4                                                      |
|          |       |         | NE $\frac{1}{4}$ NW $\frac{1}{4}$ | 26.8                                        | 26.8                                                     |
|          |       | 8       | NW $\frac{1}{4}$ NW $\frac{1}{4}$ | 10.0                                        | 20.0                                                     |
|          |       |         | SW $\frac{1}{4}$ NE $\frac{1}{4}$ |                                             | 28.66                                                    |
|          |       |         |                                   | 482.3                                       | 654.72                                                   |