

ASSIGNED

Application No. G12177 2 P

Permit No. G12561

Certificate No. 97159

Stream Index, Page No. 5

OS 10.1170

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10-1-04

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FEEES PAID

| Date    | Amount    | Receipt No. |
|---------|-----------|-------------|
| 7-16-90 | \$466.00  | 65161       |
| 5-12-93 | 10.00     | 99814       |
| 9-4-03  | \$100.00  | 62598       |
| 2.12.16 | 85.00     | 118912      |
| 3/5/04  |           |             |
|         | Cert. Fee |             |

FEEES REFUNDED

| Date   | Amount | Check No. |
|--------|--------|-----------|
| 3/5/04 | 100.00 | 822395    |

ASSIGNMENTS

| Date      | To Whom                                                        | Address                                                            | Volume | Page |
|-----------|----------------------------------------------------------------|--------------------------------------------------------------------|--------|------|
| 5/12/93   | Northwest Farm<br>Crook SVCS. ACA                              | Po Box 607, Redmond, OR<br>18880 NW Lone Pine Lane, Terrebonne, OR | 7      | 2765 |
| 2/12/2016 | THOMAS G STRAND<br>18880 LONE PINE LANE<br>TERREBONNE OR 97760 | 18880 NW Lone Pine Lane, Terrebonne, OR                            | 7      | 2765 |

REMARKS

CONSTRUCTION

Date for beginning JUL 8 1997

Date for completion OCT 1 1998

Extended to 10-1-04

Date for application of water OCT 1 1999

Extended to 10-1-04

PROSECUTION OF WORK

Form "A" filed

Form "B" filed

Form "C" filed 9/28/98 CBU due  
9/28/99

FINAL PROOF

Blank mailed 2-27-03

Proof received FPD 9/29/2005

Date certificate issued JUL 07 2023

CORU MAP #0187

**BEFORE THE WATER RESOURCES DEPARTMENT  
OF THE  
STATE OF OREGON**

|                                       |   |                                 |
|---------------------------------------|---|---------------------------------|
| In the Matter of Transfer Application | ) | FINAL ORDER APPROVING TEMPORARY |
| T-14841, Crook County                 | ) | CHANGES IN PLACES OF USE        |

**Authority**

Oregon Revised Statute (ORS) 540.505 to 540.580 establish the process in which a water right holder may submit a request to temporarily transfer the place of use and, if necessary to convey the water to the temporary place of use, the point of diversion authorized under an existing water right.

Oregon Administrative Rule (OAR) Chapter 690, Division 380 implements the statutes and provides the Department's procedures and criteria for evaluating transfer applications.

**Applicant**

FOUR LAZY F RANCH, LLC  
ATTN: DANIEL FLITNER  
18880 NW LONE PINE LANE  
TERREBONNE, OR 97760

**Findings of Fact**

1. On March 30, 2026, Four Lazy F Ranch, LLC, Attn: Daniel Flitner filed an application to temporarily change the places of use and under Certificates 72197, 76714, and 97159 for a period of 5 years. The Department assigned the application number T-14841.
2. Notice of the application for transfer was published on April 7, 2026, pursuant to OAR 690-380-4000.
3. On May 4, 2026, the Department received a letter from the Confederated Tribes of the Warm Springs Reservation of Oregon expressing no objections to the Department's approval of Temporary Transfer Application, T-14841.

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 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.

4. The portion of the first right to be temporarily transferred is as follows:

**Certificate:** 72197 in the name of CROOK COUNTY IMPROVEMENT DISTRICT #1  
(confirmed by Deschutes River Decree in Volume 12, at Page 282 and  
Volume 16, at Pages 146 and 396)

**Use:** IRRIGATION of 69.4 ACRES

**Priority Date:** OCTOBER 31, 1900

**Rate:** 0.85 CUBIC FOOT PER SECOND (cfs)

**Limit/Duty:** 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 not to exceed the quantity determined by the duty of water as set by decree of the Circuit Court for Deschutes County, dated March 24, 1933, As measured at the Long Pine Weir, not to exceed 4.2 acre feet for each acre irrigated during the irrigation season.

**Source:** DESCHUTES RIVER, a tributary of the COLUMBIA RIVER

**Authorized Point of Diversion:**

| Twp  | Rng  | Mer | Sec | Q-Q   | Measured Distances                                                               |
|------|------|-----|-----|-------|----------------------------------------------------------------------------------|
| 17 S | 12 E | WM  | 29  | SE NE | NORTH 36 DEGREES 45 MINUTES WEST, 1056.8 FEET FROM THE E1/4 CORNER OF SECTION 29 |

**Authorized Place of Use:**

| IRRIGATION |      |     |     |       |       |
|------------|------|-----|-----|-------|-------|
| Twp        | Rng  | Mer | Sec | Q-Q   | Acres |
| 14 S       | 14 E | WM  | 8   | SW NW | 8.9   |
| 14 S       | 14 E | WM  | 8   | NW SW | 22.0  |
| 14 S       | 14 E | WM  | 8   | SW SW | 38.5  |
| Total      |      |     |     |       | 69.4  |

5. Temporary Transfer Application T-14841 proposes to temporarily change the place of use of the right to:

| IRRIGATION |      |     |     |       |       |
|------------|------|-----|-----|-------|-------|
| Twp        | Rng  | Mer | Sec | Q-Q   | Acres |
| 14 S       | 14 E | WM  | 5   | SE NW | 21.6  |
| 14 S       | 14 E | WM  | 5   | NE SW | 2.9   |
| 14 S       | 14 E | WM  | 5   | SW SW | 29.8  |
| 14 S       | 14 E | WM  | 5   | SE SW | 8.6   |
| 14 S       | 14 E | WM  | 8   | NW NW | 0.9   |
| 14 S       | 14 E | WM  | 8   | SW NW | 5.6   |
| Total      |      |     |     |       | 69.4  |

6. The portion of the second right to be temporarily transferred is as follows:

**Certificate:** 76714 in the name of CENTRAL OREGON IRRIGATION DISTRICT (perfected under Permit S-23256)

**Use:** SUPPLEMENTAL IRRIGATION of 69.4 ACRES

**Priority Date:** FEBRUARY 28, 1913

**Limit/Duty:** The appropriation shall be limited to the duty of water as set out in the modified supplemental decree of the circuit court dated March 24, 1933 in the matter of the determination of the relative rights to the use of the waters of the Deschutes River and its tributaries; 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, and shall be further limited to the terms of the inter-district contract dated January 4, 1938, between the Central Oregon Irrigation District, Crook County Improvement District #1, and the Arnold Irrigation District, and shall be subject to such reasonable rotation system as may be ordered by the proper state officer.

**Source:** CRANE PRAIRIE RESERVOIR, (CONSTRUCTED UNDER PERMIT R-1687) a tributary of THE DESCHUTES RIVER

**Authorized Point of Re-Diversion:**

| Twp  | Rng  | Mer | Sec | Q-Q   | Measured Distances                                                                                                                                                                |
|------|------|-----|-----|-------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 17 S | 12 E | WM  | 29  | SE NE | CENTRAL OREGON 11 (CENTRAL OREGON IRRIGATION DISTRICT NORTH CANAL AND CROOK COUNTY IMPROVEMENT DISTRICT #1) - 850 FEET NORTH AND 630 FEET EAST FROM THE N1/4 CORNER OF SECTION 29 |

**Authorized Place of Use:**

| SUPPLEMENTAL IRRIGATION |      |     |     |       |       |
|-------------------------|------|-----|-----|-------|-------|
| Twp                     | Rng  | Mer | Sec | Q-Q   | Acres |
| 14 S                    | 14 E | WM  | 8   | SW NW | 8.9   |
| 14 S                    | 14 E | WM  | 8   | NW SW | 22.0  |
| 14 S                    | 14 E | WM  | 8   | SW SW | 38.5  |
| Total                   |      |     |     |       | 69.4  |

7. The water right evidenced by Certificate 76714 allows the use of up to 50,000 acre-feet of stored water in Crane Prairie Reservoir, a tributary of the Deschutes River, for supplemental irrigation. The diversion rate is not specified on the certificate, and the use is limited to the total volume of stored water to make up a deficiency in supply of the live flow water right appurtenant to specified lands.
8. Temporary Transfer Application T-14841 proposes to temporarily change the place of use of the right to:

| SUPPLEMENTAL IRRIGATION |      |     |     |       |       |
|-------------------------|------|-----|-----|-------|-------|
| Twp                     | Rng  | Mer | Sec | Q-Q   | Acres |
| 14 S                    | 14 E | WM  | 5   | SE NW | 21.6  |
| 14 S                    | 14 E | WM  | 5   | NE SW | 2.9   |
| 14 S                    | 14 E | WM  | 5   | SW SW | 29.8  |
| 14 S                    | 14 E | WM  | 5   | SE SW | 8.6   |
| 14 S                    | 14 E | WM  | 8   | NW NW | 0.9   |
| 14 S                    | 14 E | WM  | 8   | SW NW | 5.6   |
| Total                   |      |     |     |       | 69.4  |

9. The portion of the third right to be temporarily transferred is as follows:

**Certificate:** 97159 in the name of THOMAS G STRAND (perfected under Permit G-12561)  
**Use:** IRRIGATION of 69.4 ACRES  
**Priority Date:** JULY 16, 1990  
**Rate:** 0.87 CUBIC FOOT PER SECOND (CFS) BEING 0.64 CFS FROM WELL 1 AND 0.23 CFS FROM WELL 2  
**Limit/Duty:** The amount of water used for irrigation under this right, together with the amount secured under any other right existing for the same lands, is limited to a diversion of ONE-EIGHTIETH of one cubic foot per second (or its equivalent) and 3.0 acre-feet per acre for each acre irrigated during the irrigation season of each year.  
**Period of Use:** MARCH 1 THROUGH OCTOBER 31  
**Source:** TWO WELLS within the CROOKED RIVER BASIN

**Authorized Points of Appropriation:**

| Twp  | Rng  | Mer | Sec | Q-Q   | Measured Distances                                                         |
|------|------|-----|-----|-------|----------------------------------------------------------------------------|
| 14 S | 14 E | WM  | 8   | NW SW | WELL 1 - 1348 FEET NORTH AND 33 FEET EAST FROM THE SW CORNER OF SECTION 8  |
| 14 S | 14 E | WM  | 8   | SW NW | WELL 2 - 3116 FEET NORTH AND 267 FEET EAST FROM THE SW CORNER OF SECTION 8 |

**Authorized Place of Use:**

| IRRIGATION |      |     |     |       |       |
|------------|------|-----|-----|-------|-------|
| Twp        | Rng  | Mer | Sec | Q-Q   | Acres |
| 14 S       | 14 E | WM  | 5   | SE NW | 21.6  |
| 14 S       | 14 E | WM  | 5   | NE SW | 2.9   |
| 14 S       | 14 E | WM  | 5   | SW SW | 29.8  |
| 14 S       | 14 E | WM  | 5   | SE SW | 8.6   |
| 14 S       | 14 E | WM  | 8   | NW NW | 0.9   |
| 14 S       | 14 E | WM  | 8   | SW NW | 5.6   |
| Total      |      |     |     |       | 69.4  |

10. Temporary Transfer Application T-14841 proposes to temporarily change the place of use of the right to:

| IRRIGATION |      |     |     |       |       |
|------------|------|-----|-----|-------|-------|
| Twp        | Rng  | Mer | Sec | Q-Q   | Acres |
| 14 S       | 14 E | WM  | 8   | SW NW | 8.9   |
| 14 S       | 14 E | WM  | 8   | NW SW | 22.0  |
| 14 S       | 14 E | WM  | 8   | SW SW | 38.5  |
| Total      |      |     |     |       | 69.4  |

11. Temporary Transfer Application T-14841 proposes to temporarily transfer water rights within the boundaries of Lone Pine Irrigation District. The district was notified of the proposed temporary transfer and did not provide any comments about the ability of the district to serve the rights at the proposed new location.

### ***Temporary Transfer Review Criteria***

12. Water has been used within the last five years according to the terms and conditions of the rights. There is no evidence available that would demonstrate that the rights are subject to forfeiture under ORS 540.610.
13. A diversion structure and ditch sufficient to use the full amount of water allowed under the existing surface water rights, Certificates 72197 and 76714, are present; a pump, pipeline, and sprinkler system sufficient to use the full amount of water allowed under the existing groundwater right, Certificate 97159, are present.
14. The proposed changes would prevent the lands from which the water rights are removed during the period of the temporary transfer from receiving water under the transferred rights, as required by ORS 540.523(7).
15. The proposed changes would not result in injury to other water rights. This finding is made through an abbreviated review recognizing that the transfer may be revoked under ORS 540.523(5) if the Department later finds that the transfer is causing injury to any existing water right.

### **Conclusions of Law**

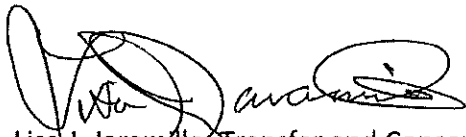
The temporary changes in places of use proposed in Temporary Transfer Application T-14841 are consistent with the requirements of ORS 540.523 and OAR 690-380-8000.

### **Now, therefore, it is ORDERED:**

1. The temporary change in places of use proposed in Temporary Transfer Application T-14841 are approved.
2. The former places of use **shall not** be irrigated as part of these water rights during the 2026, 2027, 2028, 2029, and 2030 irrigation seasons.
3. The use shall revert to the authorized places of use at the end of the 2030 irrigation season.
4. The approval of this temporary transfer may be revoked or modified if the Department finds the changes cause injury to any existing water right.
5. A subsequent application for permanent transfer of Certificates 72197, 76714, and 97159 shall be subject to a full and complete review to determine consistency with the requirements of OAR Chapter 690, Division 380. Approval of this temporary transfer does not establish a precedent for approval of a subsequent application filed for a permanent transfer.
6. The use of water at the temporary places of use authorized by this transfer shall be in accordance with the terms and conditions of Certificates 72197, 76714, and 97159.

7. The time during which water is used under this approved temporary transfer does not apply toward the finding of forfeiture under ORS 540.610.
8. Water use measurement conditions:
  - a. Before water use may begin under this order, the water user shall install a totalizing flow meter, or, with prior approval of the Director, another suitable measuring device, at each point of diversion (new and existing).
  - b. The water user shall maintain the meters or measuring devices in good working order.
  - c. The water user shall allow the Watermaster access to the meters or measuring devices; provided however, where the meters or measuring devices are located within a private structure, the Watermaster shall request access upon reasonable notice.
9. The use of the remaining water rights described by Certificates 72197, 76714, and 97159 shall continue to be in accordance with the terms and conditions of Certificates 72197, 76714, and 97159.

Dated in Salem, Oregon on 5/5/2026



Lisa J. Jaramillo, Transfer and Conservation Section Manager, for  
IVAN GALL, DIRECTOR  
Oregon Water Resources Department

*Mailing Date: 5/6/2026*

# Mailing List for Final Certificate

Application: G-12177

Permit: G-12561

Certificate: 97159

**Permit/Certificate Holder:**

THOMAS G. STRAND  
18880 NW LONE PINE LANE  
TERREBONNE OR 97760

Is the Permit Holder(s) of record currently identified as a landowner of any tax lots involved as confirmed by the County records? **NO**

**Copies of Proposed Certificate to be sent to:**

1. Watermaster District #: 11
2. File
3. Vault

**Other persons to receive copies: (include map):**

4. William Tye, CWRE
5. **Current Landowner**  
Four Lazy F Ranch LLC  
18880 NW Lone Pine Lane  
Terrebonne OR 97760

|               |                    |
|---------------|--------------------|
| Copies Mailed |                    |
| by:           | <u>KMWF</u>        |
|               | (STAFF)            |
| on:           | <u>JUL 07 2023</u> |
|               | (DATE)             |

Map #187  
folder E

## STATE OF OREGON

## COUNTY OF CROOK

## CERTIFICATE OF WATER RIGHT

## THIS CERTIFICATE ISSUED TO

THOMAS G STRAND  
18880 NW LONE PINE LANE  
TERREBONNE OR 97760

confirms the right to the use of water perfected under the terms of Permit G-12561. The amount of water used to which this right is entitled is limited to the amount used beneficially, and shall not exceed the amount specified, or its equivalent in the case of rotation, measured at the point of diversion from the source. The specific limits and conditions of the use are listed below.

APPLICATION FILE NUMBER: G-12177

SOURCE OF WATER: TWO WELLS WITHIN THE CROOKED RIVER BASIN

PURPOSE or USE: IRRIGATION OF 69.4 ACRES AND SUPPLEMENTAL IRRIGATION OF 23.1 ACRES

VOLUME OF USE: 1.16 CUBIC FEET PER SECOND (CFS); BEING 0.85 CFS FROM WELL 1 AND 0.31 CFS FROM WELL 2

PERIOD OF USE: MARCH 1 THROUGH OCTOBER 31

DATE OF PRIORITY: JULY 16, 1990

The wells are located as follows:

| Twp  | Rng  | Mer | Sec | Q-Q   | Measured Distances                                                   |
|------|------|-----|-----|-------|----------------------------------------------------------------------|
| 14 S | 14 E | WM  | 8   | NW SW | WELL 1 - 1348 FEET NORTH AND 33 FEET EAST FROM SW CORNER, SECTION 8  |
| 14 S | 14 E | WM  | 8   | SW NW | WELL 2 - 3116 FEET NORTH AND 267 FEET EAST FROM SW CORNER, SECTION 8 |

The amount of water used for irrigation under this right, together with the amount secured under any other right existing for the same lands, is limited to a diversion of ONE-EIGHTIETH of one cubic foot per second (or its equivalent) and 3.0 acre-feet per acre for each acre irrigated during the irrigation season of each year.

The place of use is located as follows:

| IRRIGATION |      |     |     |       |       |
|------------|------|-----|-----|-------|-------|
| Twp        | Rng  | Mer | Sec | Q-Q   | Acres |
| 14 S       | 14 E | WM  | 5   | SE NW | 21.6  |
| 14 S       | 14 E | WM  | 5   | NE SW | 2.9   |

## NOTICE OF RIGHT TO PETITION FOR RECONSIDERATION OR JUDICIAL REVIEW

This is an order in other than a contested case. This order is subject to judicial review under ORS 183.484 and ORS 536.075. Any petition for judicial review must be filed within the 60-day time period specified by ORS 183.484(2). Pursuant to ORS 183.484, ORS 536.075 and OAR 137-004-0080, you may petition for judicial review and 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. In addition, under ORS 537.260 any person with an application, permit or water right certificate subsequent in priority may jointly or severally contest the issuance of the certificate within three months after issuance of the certificate.

| IRRIGATION |      |     |     |       |       |
|------------|------|-----|-----|-------|-------|
| Twp        | Rng  | Mer | Sec | Q-Q   | Acres |
| 14 S       | 14 E | WM  | 5   | SW SW | 24.8  |
| 14 S       | 14 E | WM  | 5   | SW SW | 5.0   |
| 14 S       | 14 E | WM  | 5   | SE SW | 8.6   |
| 14 S       | 14 E | WM  | 8   | NW NW | 0.9   |
| 14 S       | 14 E | WM  | 8   | SW NW | 5.6   |

| SUPPLEMENTAL IRRIGATION |      |     |     |       |       |
|-------------------------|------|-----|-----|-------|-------|
| Twp                     | Rng  | Mer | Sec | Q-Q   | Acres |
| 14 S                    | 14 E | WM  | 5   | NE SW | 10.0  |
| 14 S                    | 14 E | WM  | 5   | NE SW | 13.1  |

Measurement, recording and reporting conditions:

- A. The water user shall maintain the meter or other suitable measuring device as approved by the Director in good working order.
- B. The water user shall allow the watermaster access to the meter or measuring device; provided however, where the meter or measuring device is located within a private structure, the watermaster shall request access upon reasonable notice.
- C. The Director may require the water user to keep and maintain a record of the amount (volume) of water used and may require the water user to report water use on a periodic schedule as established by the Director. In addition, the Director may require the water user to report general water use information, the periods of water use and the place and nature of use of water under the right. The Director may provide an opportunity for the water user to submit alternative reporting procedures for review and approval.

If substantial interference with a senior water right occurs due to withdrawal of water from any well listed on this right, then use of water from the well(s) shall be discontinued or reduced and/or the schedule of withdrawal shall be regulated until or unless the Department approves or implements an alternative administrative action to mitigate the interference. The Department encourages junior and senior appropriators to jointly develop plans to mitigate interferences.

Use of water under authority of this right may be regulated if analysis of data available after the right is issued discloses that the appropriation will measurably reduce the surface water flows necessary to maintain the free-flowing character of a scenic waterway in quantities necessary for recreation, fish and wildlife in effect as of the priority date of the right or as those quantities may be subsequently reduced.

The wells shall be maintained in accordance with the General Standards for the Construction and Maintenance of Water Wells in Oregon. The works shall be equipped with a usable access port, and may also include an air line and pressure gauge adequate to determine the water level elevation in the well at all times.

The Director may require water level or pump test results every ten years.

Failure to comply with any of the provisions of this right may result in action including, but not limited to, restrictions on the use, civil penalties, or cancellation of the right.

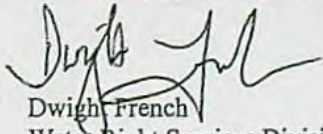
This right is for the beneficial use of water without waste. The water user is advised that new regulations may require the use of best practical technologies or conservation practices to achieve this end.

By law, the land use associated with this water use must be in compliance with statewide land-use goals and any local acknowledged land-use plan.

The use of water shall be limited when it interferes with any prior surface or ground water rights.

The right to the use of the water for the above purpose is restricted to beneficial use on the place of use described.

Issued JUL 07 2023



Dwight French  
Water Right Services Division Administrator, for  
Douglas E. Woodcock, Acting Director  
Oregon Water Resources Department

# FINAL PROOF MAP

(PERMIT# G-12561)

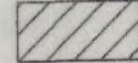
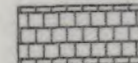
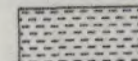
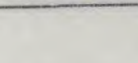
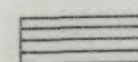
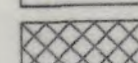
(APPLICATION # G-12177)

FOR THOMAS STRAND

TAX LOTS 300 & 400

LOCATED IN SECTION 5 AND SECTION 8, TOWNSHIP 14 SOUTH, RANGE 14 EAST, OF THE WILLAMETTE MERIDIAN, CROOK COUNTY, OREGON

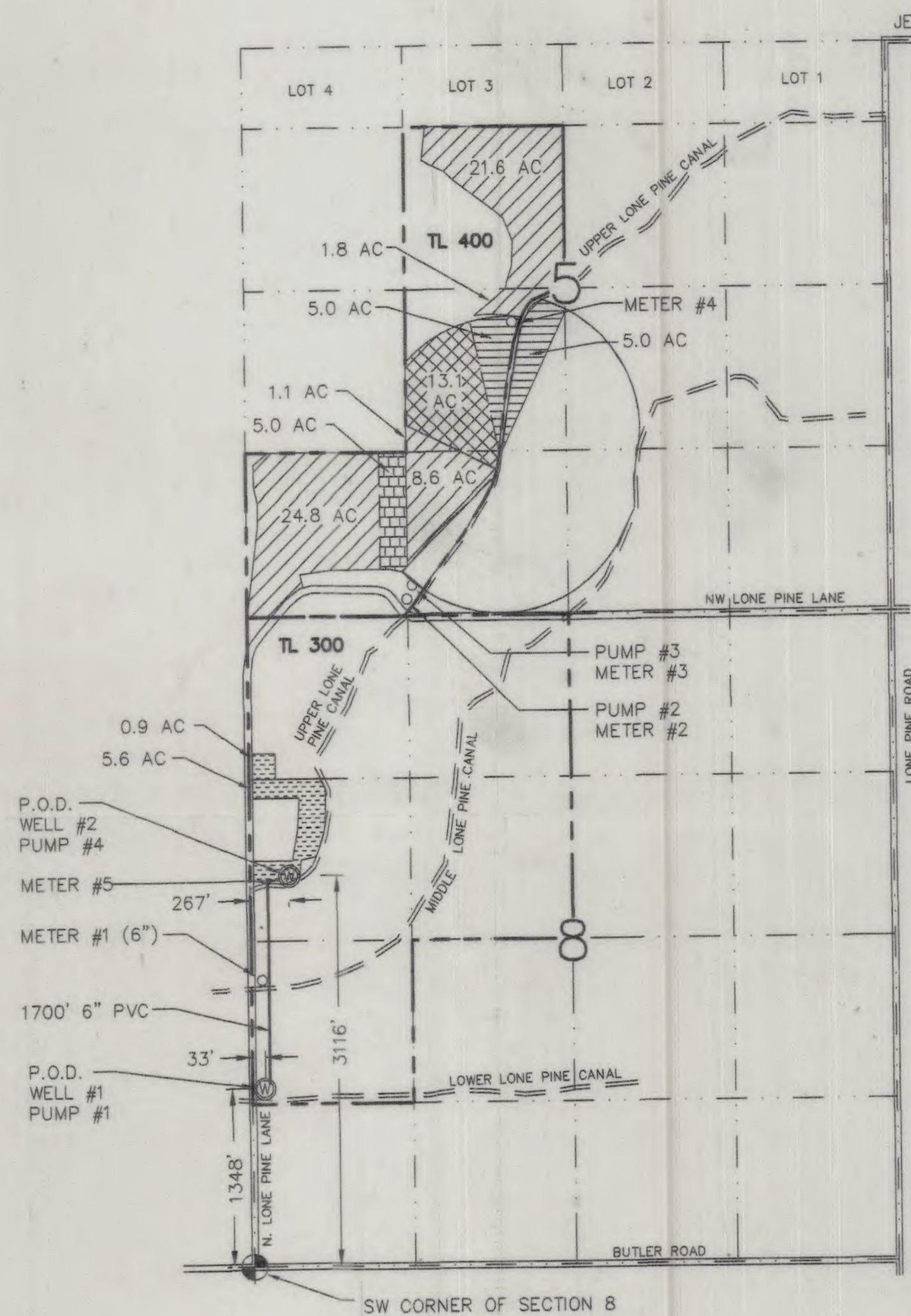
## LEGEND

-  PRIMARY IRRIGATION 57.9 AC
-  PRIMARY WELL NO. 2 - 5.0 AC
-  PRIMARY WELL NO. 2 - 6.5 AC PREVIOUS CERTIFICATE G-12561
-  TOTAL PRIMARY 69.4 AC
-  WELL NO. 1 SUPPLEMENTAL IRRIGATION 10.0 AC
-  WELL NO. 2 - SUPPLEMENTAL IRRIGATION 13.1 AC
-  WELL
-  SECTION CORNER

RECEIVED

SEP 29 2005

WATER RESOURCES DEPT  
SALEM OREGON



SCALE: 1"=1000'

### WELL NO.1 - PRIMARY

| PUMP # | HP | TYPE        | GPM     | METER | IRRIGATION ACRES | LOCATION                |
|--------|----|-------------|---------|-------|------------------|-------------------------|
| 1      | 30 | SUBMERSIBLE | 380     | 1     | 62.9             | W 1/2 SECTION 5         |
| 2      | 20 | CENTRIFUGAL | 140-160 | 2     | 24.8             | SW 1/4 SW 1/4 SECTION 5 |
| 3      | 30 | CENTRIFUGAL | 520-620 | 3     | 8.6              | SE 1/4 SW 1/4 SECTION 5 |
| 3      |    |             |         | 3     | 1.1              | NE 1/4 SW 1/4 SECTION 5 |
| 3      |    |             |         | 4     | 1.8              | NE 1/4 SW 1/4 SECTION 5 |
| 3      |    |             |         | 4     | 21.6             | SE 1/4 NW 1/4 SECTION 5 |
| TOTAL  |    |             |         |       | 57.9             |                         |

### WELL NO.1 SUPPLEMENTAL

| PUMP # | IRRIGATION ACRES | LOCATION                |
|--------|------------------|-------------------------|
| 3      | 10               | SE 1/4 SW 1/4 SECTION 5 |
| TOTAL  |                  | 67.9                    |

### WELL NO. 2 - PRIMARY

| PUMP # | HP | TYPE        | GPM | METER | IRRIGATION ACRES | LOCATION                |
|--------|----|-------------|-----|-------|------------------|-------------------------|
| 4      | 15 | SUBMERSIBLE | 160 | 5     | 0.9 *            | NW 1/4 NW 1/4 SECTION 8 |
| 4      |    |             |     | 5     | 5.6 *            | SW 1/4 NW 1/4 SECTION 8 |
| 3      |    |             |     |       | 5.0              | SW 1/4 SW 1/4 SECTION 5 |
| TOTAL  |    |             |     |       | 11.5             |                         |

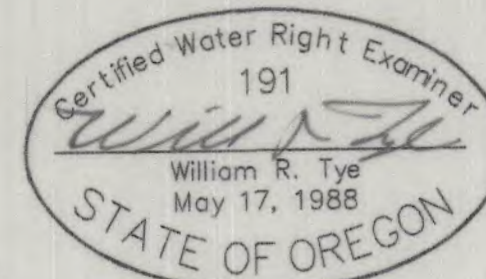
### WELL NO.2 SUPPLEMENTAL

| PUMP # | HP | TYPE | GPM | METER | IRRIGATION ACRES | LOCATION                |
|--------|----|------|-----|-------|------------------|-------------------------|
| 4      |    |      |     | 5     | 13.1             | SE 1/4 NW 1/4 SECTION 8 |
| TOTAL  |    |      |     |       | 24.6             |                         |

\* PREVIOUS CERTIFICATE

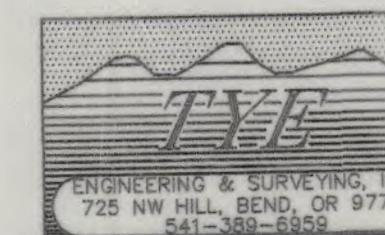
I, William R. Tye, Certified Water Right Examiner in the State of Oregon, hereby certify the above final proof map was prepared under my direct supervision.

The preparation of this map is for the purpose of identifying the location of the water right only and has no intent to provide dimensions or locations of property ownership lines.



RENEWAL: JUNE 30, 2006

COBU MAP #0187



TITLE: FINAL PROOF MAP  
JOB NO: 703-22 TOM STRAND  
SCALE: 1"=1000' BY: JLC  
FIELD BOOK: DATE: 9-27-05  
DWG: 703-22-8-18-05 SHEET: 1 OF 1

0187

# Mailing List for Proposed Certificate

Application: G-12177

Permit: G-12561

Certificate:

Permit/Certificate Holder:

THOMAS G. STRAND  
18880 NW LONE PINE LANE  
TERREBONNE OR 97760

Is the Permit Holder(s) of record currently identified as a landowner of any tax lots involved as confirmed by the County records? NO

**Copies of Proposed Certificate to be sent to:**

1. Watermaster District #: 11
2. File

**Other persons to receive copies: (include map):**

3. William Tye, CWRE
4. **Current Landowner**  
Four Lazy F Ranch LLC  
18880 NW Lone Pine Lane  
Terrebonne OR 97760

|               |                              |
|---------------|------------------------------|
| Copies Mailed |                              |
| by:           | <u>KMWF</u><br>(STAFF)       |
| on:           | <u>MAR 10 2023</u><br>(DATE) |



# Oregon

Tina Kotek, Governor

Water Resources Department

725 Summer St NE, Suite A

Salem, OR 97301

(503) 986-0900

[www.oregon.gov/owrd](http://www.oregon.gov/owrd)

Date Mailed:

**MAR 10 2023**

Reference: Application G-12177 Permit G-12561

## PROPOSED

Enclosed is a proposed certificate of water right and map. The map and proposed certificate represent the extent water was used within the terms of the permit based upon Claims of Beneficial Use, prepared by a Certified Water Right Examiner, that either you or a previous permit holder submitted.

The certificate is the final step in the water right process. The Department encourages you to review these proposals. If you do not agree with the proposed certificate, Oregon Administrative Rule 690-330-010 (2) allows the permittee or landowner 60 days from the mailing date of this notice to request the Department to reconsider the contents of the proposed certificate.

If you agree with the proposed certificate, no response to this notice is required. Sometime after comment period, the recorded certificate of water right will be mailed to the permit holder of record.

If your name is not listed on the proposed certificate, and you are the current landowner, and would like to have the final certificate issued in your name, you may apply through the Department to have the permit assigned to you. If you have any questions about the assignment process, please contact Mary Bjork at 503-979-9895.

If you have any questions please contact Jonnine Skaug 503-979-3943.

Sincerely,

Dwight French  
Administrator  
Water Right Services

STATE OF OREGON  
COUNTY OF CROOK  
CERTIFICATE OF WATER RIGHT

THIS CERTIFICATE ISSUED TO

THOMAS G STRAND  
18880 NW LONE PINE LANE  
TERREBONNE OR 97760

confirms the right to the use of water perfected under the terms of Permit G-12561. The amount of water used to which this right is entitled is limited to the amount used beneficially, and shall not exceed the amount specified, or its equivalent in the case of rotation, measured at the point of diversion from the source. The specific limits and conditions of the use are listed below.

APPLICATION FILE NUMBER: G-12177

SOURCE OF WATER: TWO WELLS WITHIN THE CROOKED RIVER BASIN

PURPOSE or USE: IRRIGATION OF 69.4 ACRES AND SUPPLEMENTAL IRRIGATION OF 23.1 ACRES

VOLUME OF USE: 1.16 CUBIC FEET PER SECOND (CFS); BEING 0.85 CFS FROM WELL 1 AND 0.31 CFS FROM WELL 2

PERIOD OF USE: MARCH 1 THROUGH OCTOBER 31

DATE OF PRIORITY: JULY 16, 1990

The wells are located as follows:

| Twp  | Rng  | Mer | Sec | Q-Q   | Measured Distances                                                   |
|------|------|-----|-----|-------|----------------------------------------------------------------------|
| 14 S | 14 E | WM  | 8   | NW SW | WELL 1 - 1348 FEET NORTH AND 33 FEET EAST FROM SW CORNER, SECTION 8  |
| 14 S | 14 E | WM  | 8   | SW NW | WELL 2 - 3116 FEET NORTH AND 267 FEET EAST FROM SW CORNER, SECTION 8 |

The amount of water used for irrigation under this right, together with the amount secured under any other right existing for the same lands, is limited to a diversion of ONE-EIGHTIETH of one cubic foot per second (or its equivalent) and 3.0 acre-feet per acre for each acre irrigated during the irrigation season of each year.

The place of use is located as follows:

| IRRIGATION |      |     |     |       |       |
|------------|------|-----|-----|-------|-------|
| Twp        | Rng  | Mer | Sec | Q-Q   | Acres |
| 14 S       | 14 E | WM  | 5   | SE NW | 21.6  |
| 14 S       | 14 E | WM  | 5   | NE SW | 2.9   |

**NOTICE OF RIGHT TO PETITION FOR RECONSIDERATION OR JUDICIAL REVIEW**

This is an order in other than a contested case. This order is subject to judicial review under ORS 183.484 and ORS 536.075. Any petition for judicial review must be filed within the 60-day time period specified by ORS 183.484(2). Pursuant to ORS 183.484, ORS 536.075 and OAR 137-004-0080, you may petition for judicial review and 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. In addition, under ORS 537.260 any person with an application, permit or water right certificate subsequent in priority may jointly or severally contest the issuance of the certificate within three months after issuance of the certificate.

| IRRIGATION |      |     |     |       |       |
|------------|------|-----|-----|-------|-------|
| Twp        | Rng  | Mer | Sec | Q-Q   | Acres |
| 14 S       | 14 E | WM  | 5   | SW SW | 24.8  |
| 14 S       | 14 E | WM  | 5   | SW SW | 5.0   |
| 14 S       | 14 E | WM  | 5   | SE SW | 8.6   |
| 14 S       | 14 E | WM  | 8   | NW NW | 0.9   |
| 14 S       | 14 E | WM  | 8   | SW NW | 5.6   |

| SUPPLEMENTAL IRRIGATION |      |     |     |       |       |
|-------------------------|------|-----|-----|-------|-------|
| Twp                     | Rng  | Mer | Sec | Q-Q   | Acres |
| 14 S                    | 14 E | WM  | 5   | NE SW | 10.0  |
| 14 S                    | 14 E | WM  | 5   | NE SW | 13.1  |

Measurement, recording and reporting conditions:

- A. The water user shall maintain the meter or other suitable measuring device as approved by the Director in good working order.
- B. The water user shall allow the watermaster access to the meter or measuring device; provided however, where the meter or measuring device is located within a private structure, the watermaster shall request access upon reasonable notice.
- C. The Director may require the water user to keep and maintain a record of the amount (volume) of water used and may require the water user to report water use on a periodic schedule as established by the Director. In addition, the Director may require the water user to report general water use information, the periods of water use and the place and nature of use of water under the right. The Director may provide an opportunity for the water user to submit alternative reporting procedures for review and approval.

If substantial interference with a senior water right occurs due to withdrawal of water from any well listed on this right, then use of water from the well(s) shall be discontinued or reduced and/or the schedule of withdrawal shall be regulated until or unless the Department approves or implements an alternative administrative action to mitigate the interference. The Department encourages junior and senior appropriators to jointly develop plans to mitigate interferences.

Use of water under authority of this right may be regulated if analysis of data available after the right is issued discloses that the appropriation will measurably reduce the surface water flows necessary to maintain the free-flowing character of a scenic waterway in quantities necessary for recreation, fish and wildlife in effect as of the priority date of the right or as those quantities may be subsequently reduced.

The wells shall be maintained in accordance with the General Standards for the Construction and Maintenance of Water Wells in Oregon. The works shall be equipped with a usable access port, and may also include an air line and pressure gauge adequate to determine the water level elevation in the well at all times.

The Director may require water level or pump test results every ten years.

Failure to comply with any of the provisions of this right may result in action including, but not limited to, restrictions on the use, civil penalties, or cancellation of the right.

This right is for the beneficial use of water without waste. The water user is advised that new regulations may require the use of best practical technologies or conservation practices to achieve this end.

By law, the land use associated with this water use must be in compliance with statewide land-use goals and any local acknowledged land-use plan.

The use of water shall be limited when it interferes with any prior surface or ground water rights.

The right to the use of the water for the above purpose is restricted to beneficial use on the place of use described.

Issued \_\_\_\_\_

**PROPOSED**

Water Right Services Division Administrator, for  
Douglas E. Woodcock, Acting Director  
Oregon Water Resources Department

**PROPOSED**  
Certificate \*\*\*\*\*

2005  
List

G

# MEMO - Proof to Satisfaction

|                   |                |          |          |            |  |
|-------------------|----------------|----------|----------|------------|--|
| Application #     | 9-12177        | Permit # | G-12561  | Transfer # |  |
| WRD Reviewer      | J Skana        | Date     | Jan 2022 |            |  |
| WRD Peer Reviewer | M. [signature] | Date     | 2/9/2023 |            |  |

## Research

- ☒ Organize file in chronological order
- ☒ Pull CBU Report & Map(s), Application Map, relevant Permit, Certificate, or Transfer Order, most recent Assignments, Extension Orders, SWL Measurements, Fish Screen Certification Documents, Water Use Reports & Pump Tests
- ☒ Search for Water Right Location using Interactive Mapper. Identify Tax Lots & check for Area of Interest (AOI)
- ☒ Water Organization identified using AOI? ☒ No ☐ Yes
  - If "Yes" cc: \_\_\_\_\_ & Add to Mailing List
- ☐ Print Tax Lot Map from ormap.net for the original Place of Use, and confirm Current Ownership & Address with County Assessor **tax lot 400: 300**
- ☒ If there is a new owner, Add to Mailing List, including the owner(s) name & tax lot number
- ☐ Print Platcard & check for Place of Use Conflict? ☒ No ☐ Yes
  - If "Yes", provide copy of certificate & relevant map
- ☒ Print BLM Cadastral Survey
- ☒ Does Claim Map identify correct DLC, Gov't Lots, QQ's? ☐ No ☒ Yes
  - If "No", either \_\_\_\_\_ WRD amend map OR \_\_\_\_\_ prepare Order of Certification

## Reviewing Claim

Have conditions on relevant permit, certificate, or transfer order been complied with? Yes, No, OR N/A

- ☐ Fish Conditions
- ☒ Meter/measuring device **Sept 1998**
- ☐ Water Use Reporting
- ☒ Pump Test (post December 19, 1988) - **approved = 9/2008 - 5-2017**
- ☐ Other Conditions \_\_\_\_\_
- ☐ SWL
- ☒ C-Date **10/1/1999 ext c date = 10/1/2004 (claim is vague - we recovered But report was done 9/2004 2005)**
- ☒ Run Capacity Calculator and Print Findings (for pump, sprinklers, pipes, ditches, as appropriate)

## NOTES:

1) William Tye, owner

2) Current owner: tax lots 300-400

Four Lazy F Ranch LLC

18880 NW Lone Pine Ln

Terrebonne OR 97760

3) Current landowner: tax lot 300

Fehrenbacher Revocable Trust

Real Fehrenbacher, trustee: Nancy Fehrenbacher,

7025 NW Lone Pine Ln, Terrebonne OR 97760

No section  
Wrong owner is  
this section  
going prosed  
(some changed to  
supp)  
Trustee

## Determination

☐ I've determined that the permit/transfer was fully developed as authorized and that a FINAL Certificate should be issued.

☒ I've determined that the permit/transfer was not fully developed as authorized and that a PROPOSED Certificate should be issued. A proposed Certificate should be issued for the following reason(s):

Claiming Supp IR - well #1 - 0.85 cfs 67.9 ac @ 1/80 = 0.85 cfs  
well #2 - 0.31 cfs 24.6 ac @ 1/80 = 0.31 cfs

☐ I've determined that beneficial use was NOT made within the terms and conditions and that a Proposed Order of Certification (denial) should be issued. A proposed Order of Certification should be issued for the following reason(s):

## Processing

☐ Stamp PROPOSED or Assign CERT# \_\_\_\_\_ or ORDER OF CERTIFICATION (circle one)

☐ Draft Certificates or Proposed Order of Certifications are available in the Application directory.

☐ Prepare Mailing List. Include Applicant(s); Receiving Landowner(s); Current Owner(s); Water Organizations; CWRE. Indicate records to be marked.

|                           |              |            |
|---------------------------|--------------|------------|
| Record marking: App _____ | Permit _____ | Cert _____ |
| App _____                 | Permit _____ | Cert _____ |
| App _____                 | Permit _____ | Cert _____ |
| App _____                 | Permit _____ | Cert _____ |

NOTES:

Well 1  
→ Pump 1 Sub 30 HP 80 psi 320' = 380 gpm = 0.85 cfs  
Pump 2 Cent 30 HP 60 psi 50' = 160 gpm = 0.36 cfs  
Pump 3 Cent 20 HP 60 psi 10' = 650 gpm = 1.45 cfs  
Well 2 → Pump 4 Sub 15 HP 60 psi 30' = 160 gpm = 0.36 cfs  
claim just says Well 2 = 140 gpm = 0.31 cfs

1.21 cfs

5/32" 40 psi 80' = 320 gpm = 0.71 cfs

? Something else but little info on that



# Crook County Ownership Report

## REAL PROPERTY ACCOUNT NAMES

Account Number: XXXXXXXXXX

Map Tax Lot: 14140800-00300-395

Owner: 18880 NW LONE PINE LN  
TERREBONNE

OR 97760-  
9156

| Party Name            | Party Type | Ownership Percentage |
|-----------------------|------------|----------------------|
| FOUR LAZY F RANCH LLC | OWNER      | 100.00               |
| FOUR LAZY F RANCH LLC | Taxpayer   | 100.00               |



# Crook County Ownership Report

## REAL PROPERTY ACCOUNT NAMES

Account Number: [REDACTED]

Map Tax Lot: 14140800-00301-18914

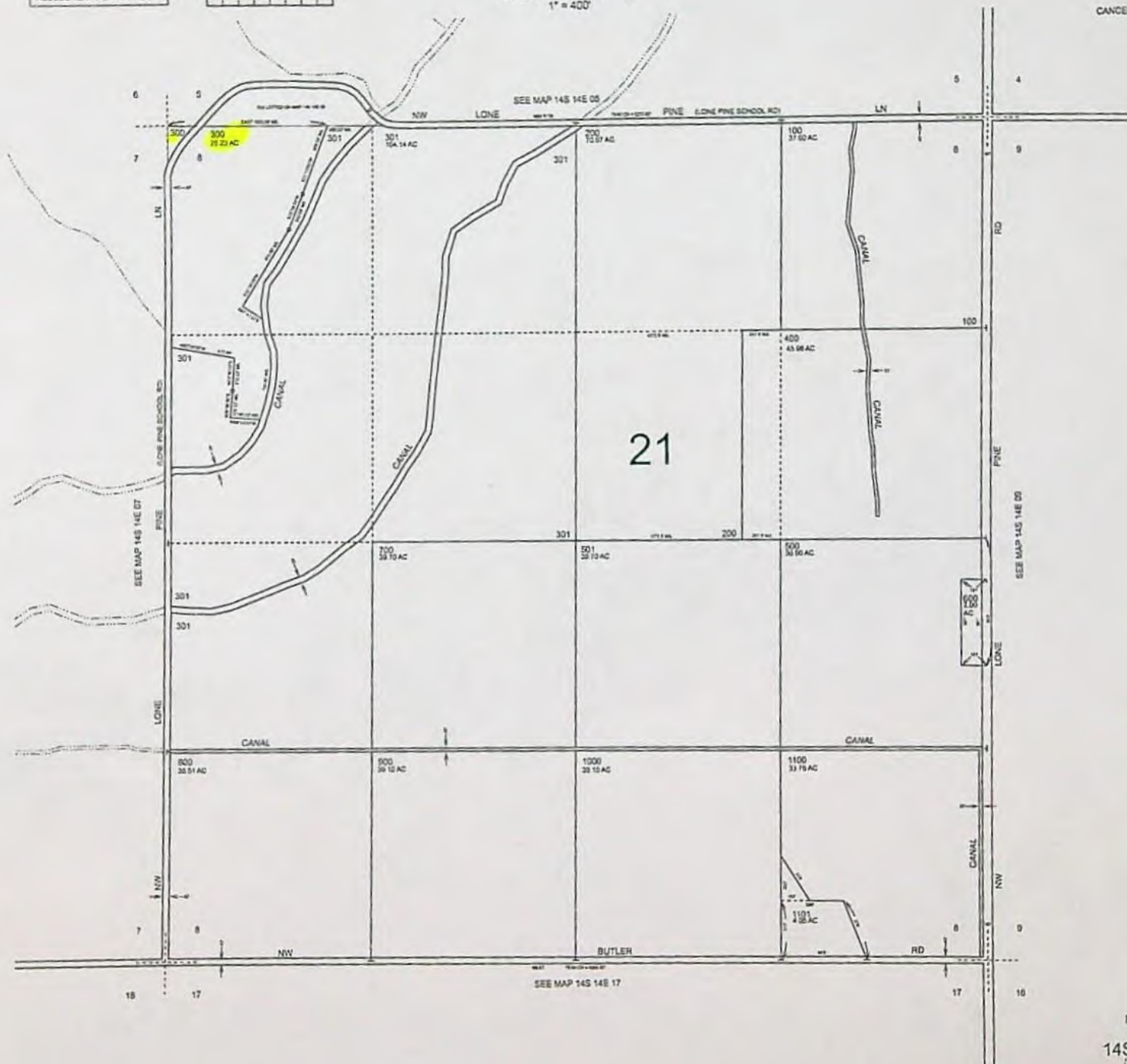
Owner: 18880 NW LONE PINE LN  
TERREBONNE OR 97760

| Party Name            | Party Type | Ownership Percentage |
|-----------------------|------------|----------------------|
| FOUR LAZY F RANCH LLC | OWNER      | 100.00               |
| FOUR LAZY F RANCH LLC | Taxpayer   | 100.00               |

0 200 400 600 Feet

1" = 400'

**CANCELLED:**



Revised: JK  
4/28/2010  
14S14E08



# Crook County Ownership Report

## REAL PROPERTY ACCOUNT NAMES

Account Number: [REDACTED]

Map Tax Lot: 14140500-00400-378

Owner: 18880 NW LONE PINE LN  
TERREBONNE

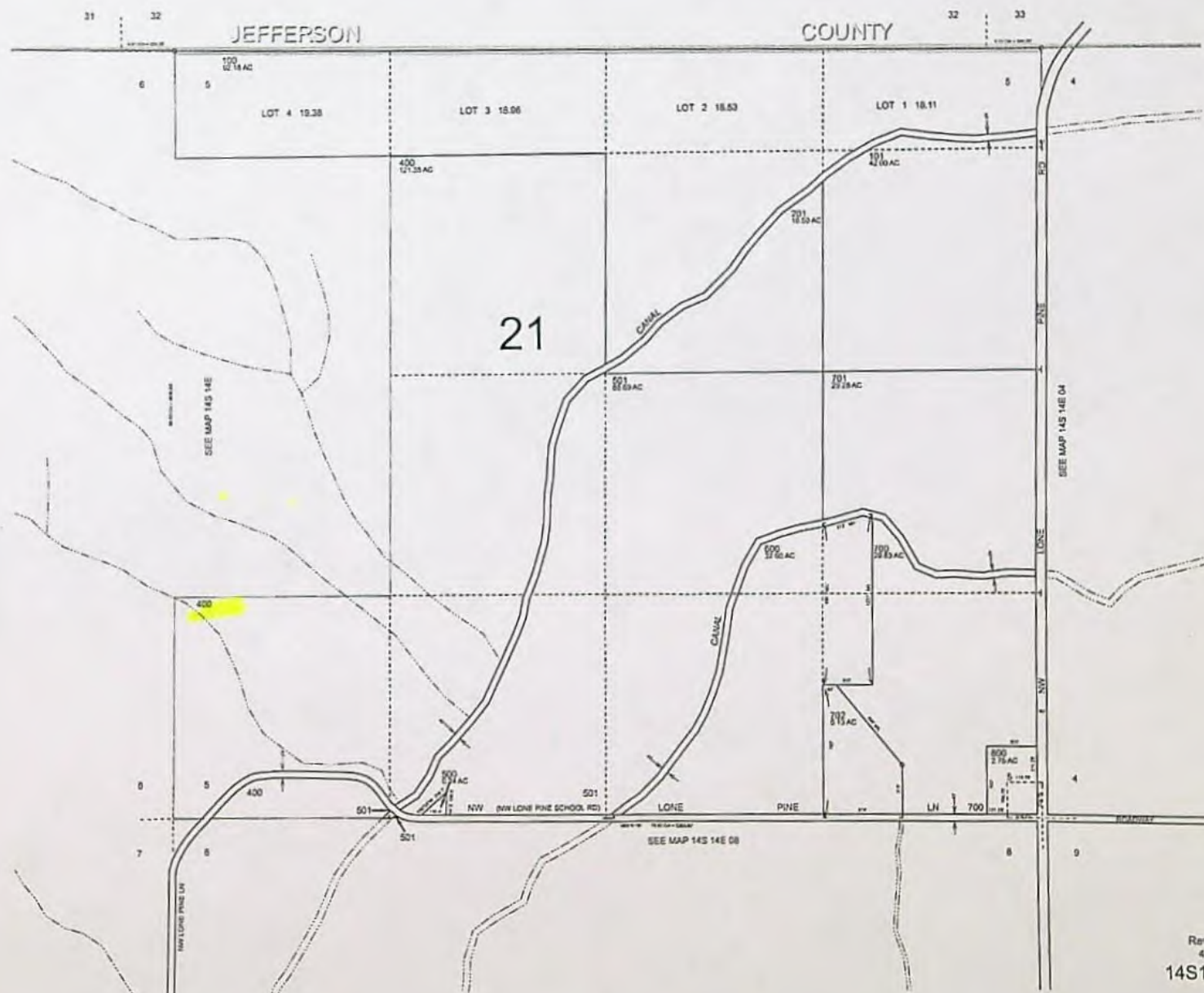
OR 97760-9156

| Party Name            | Party Type | Ownership Percentage |
|-----------------------|------------|----------------------|
| FOUR LAZY F RANCH LLC | OWNER      | 100.00               |
| FOUR LAZY F RANCH LLC | Taxpayer   | 100.00               |

Same 2/9/2023  
JC

1° = 400

CANCELLED:  
200  
300



Revised: JK  
4/28/2010  
14S14E05



# Oregon

Kate Brown, Governor

## Water Resources Department

North Mall Office Building

725 Summer St NE, Suite A

Salem, OR 97301

Phone (503) 986-0900

Fax (503) 986-0904

[www.wrd.state.or.us](http://www.wrd.state.or.us)

February 23, 2016

Northwest Farm Credit Services  
P.O. Box 607  
Redmond, Oregon 97756

Reference: Application G-12177, Permit G-12561

The assignment from Northwest Farm Credit Services, ACA to **Thomas G. Strand** has been recorded in the records of the Water Resources Department.

The Departments records will now show Thomas G. Strand as the permit holder of record.

Our records have been changed accordingly and the original request is enclosed. Receipt number 118912 covering the recording fee is also enclosed.

A permit is not a perfected water right, and has conditions and timelines that must be satisfied prior to a Certificate of Water Right being issued. Please review the permit to be familiar with the conditions and timelines contained in the permit.

Sincerely,

Jerry Sauter  
Water Rights Program Analyst  
Water Right Services Division

Enclosure: Receipt 118912

cc: Watermaster 11  
Thomas G. Strand  
Data Center, OWRD (cover letter & request)  
Hydrographics  
File

## Pump Capacity Calculator

using Department designed formula:

well 1

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

Efficiency:

Centrifugal = 6.61

Turbine = 7.04

Data Entry (fill in underlined blanks)

HP = 30  
Efficiency = 7.04  
Lift = 320  
PSI = 0

Results Calculated

$(hp)(\text{efficiency}) = 211.2$   
Head based on psi = 0.0  
Total dynamic head = 320.0  
(head + lift)

Pump Capacity = 0.660 cubic feet per second

## Pump Capacity Calculator

well 2

using Department designed formula:

---

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

Efficiency:

Centrifugal = 6.61

Turbine = 7.04

---

Data Entry (fill in underlined blanks)

---

HP = 15  
Efficiency = 7.04  
Lift = 300  
PSI = 60

Results Calculated

---

$(hp)(\text{efficiency}) = 105.6$   
Head based on psi = 152.4  
Total dynamic head = 452.4  
(head + lift)

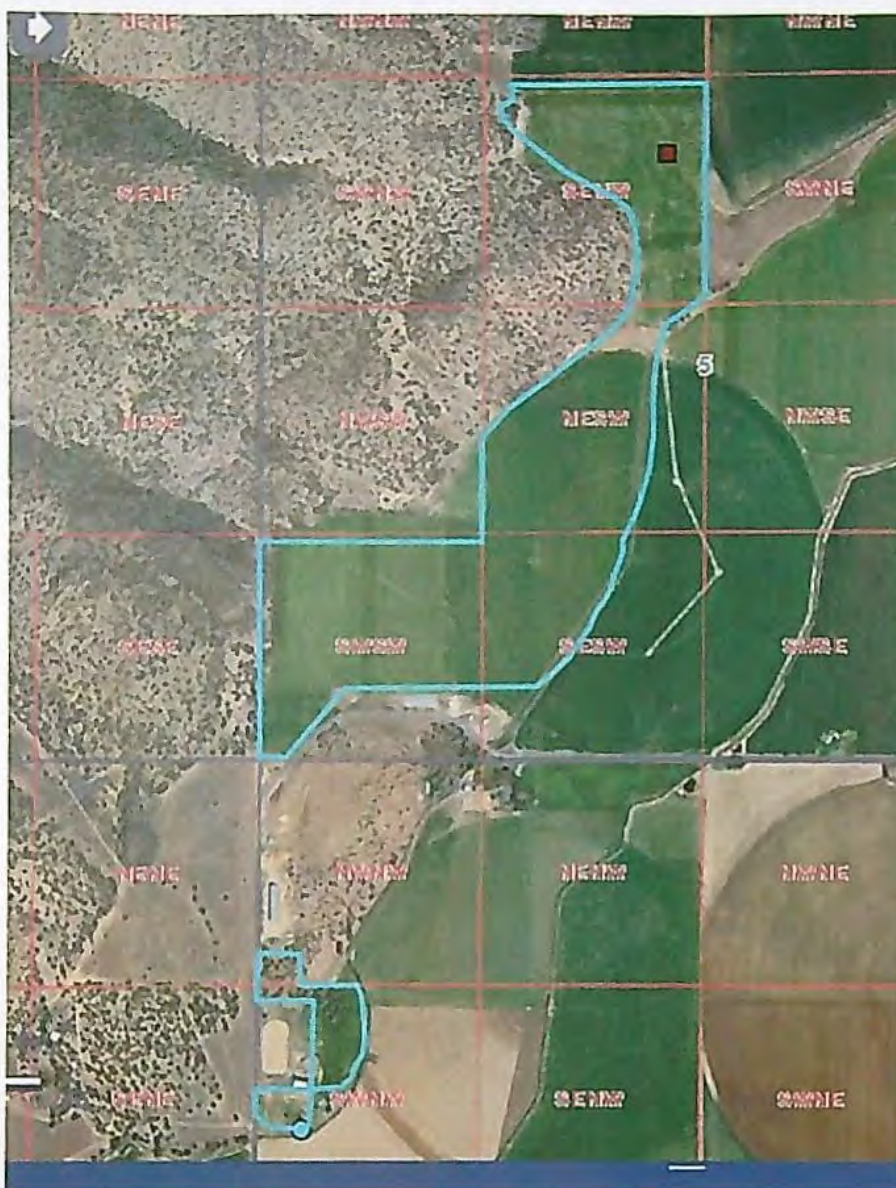
Pump Capacity = 0.233 cubic feet per second

| Data Entry (fill in underlined blanks) |                                                                                                     |                                      |
|----------------------------------------|-----------------------------------------------------------------------------------------------------|--------------------------------------|
| Sprinkler group 1                      | Nozzle size = <u>5/32</u> inch<br>Pressure = <u>40</u> PSI<br>Number of heads = <u>80</u>           | (type an apostrophe before the size) |
| Sprinkler group 2<br>(if applicable)   | Nozzle size = <u>      </u> inch<br>Pressure = <u>      </u> PSI<br>Number of heads = <u>      </u> | (type an apostrophe before the size) |
| Sprinkler group 3<br>(if applicable)   | Nozzle size = <u>      </u> inch<br>Pressure = <u>      </u> PSI<br>Number of heads = <u>      </u> | (type an apostrophe before the size) |

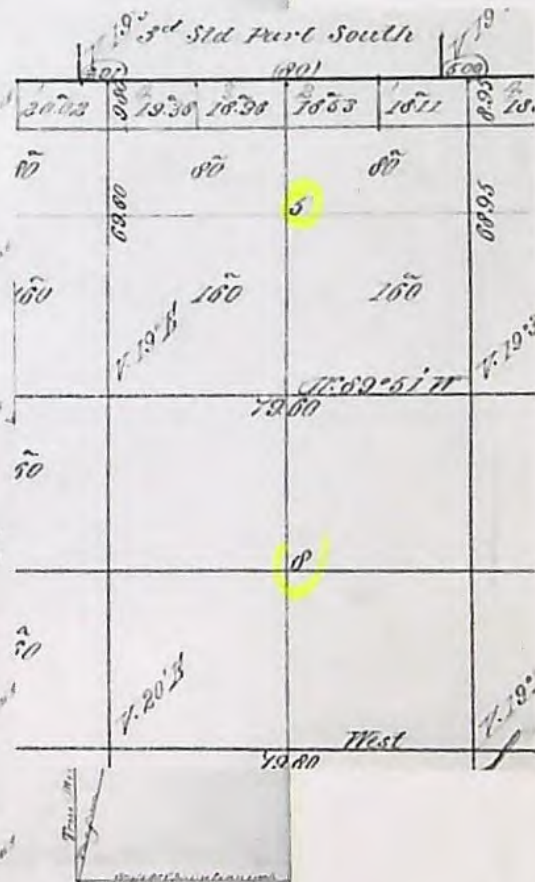
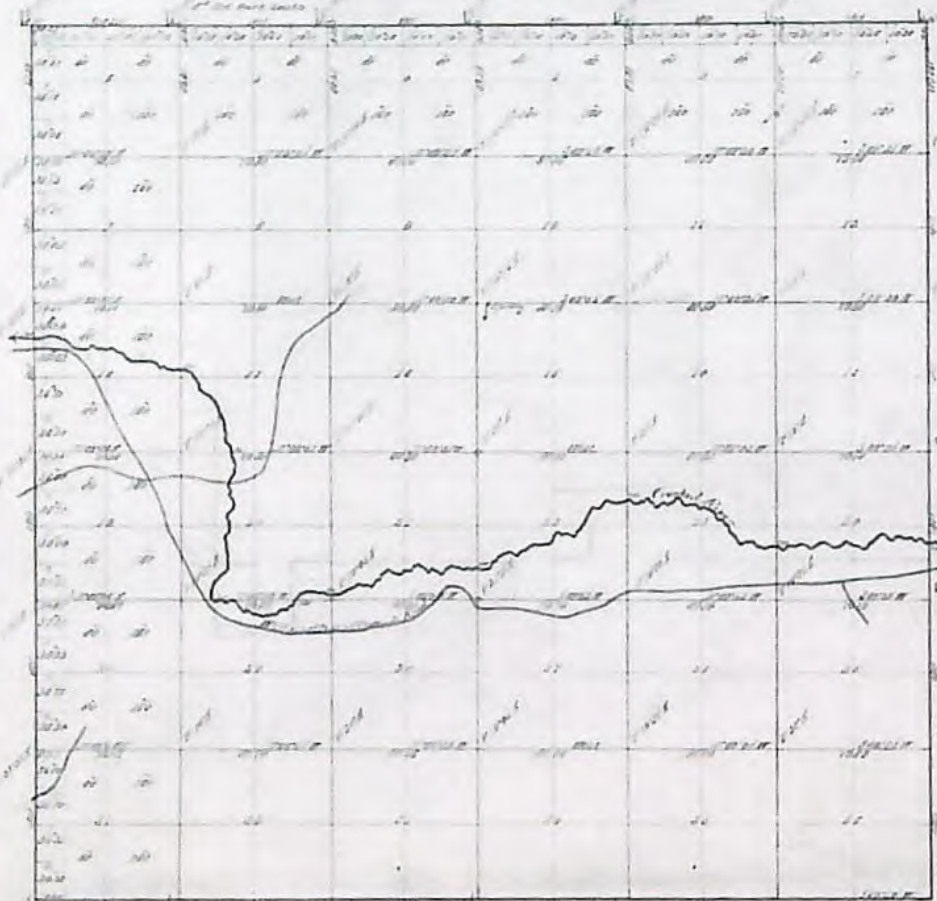
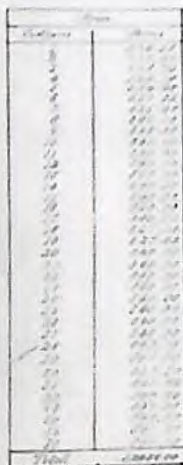
|                                   |                    |                  |
|-----------------------------------|--------------------|------------------|
| Sprinkler group 1 capacity =      | 352 gpm, or        | 0.784 cfs        |
| Sprinkler group 2 capacity =      | 0 gpm, or          | 0.000 cfs        |
| Sprinkler group 3 capacity =      | 0 gpm, or          | 0.000 cfs        |
| <b>Total sprinkler capacity =</b> | <b>352 gpm, or</b> | <b>0.784 cfs</b> |

### Rainbird Nozzle Size Reference

| Nozzle # | Size (in) |
|----------|-----------|
| 4        | 1/16      |
| 5        | 5/64      |
| 6        | 3/32      |
| 7        | 7/64      |
| 8        | 1/8       |
| 9        | 9/64      |
| 10       | 5/32      |
| 11       | 11/64     |
| 12       | 3/16      |
| 13       | 13/64     |
| 14       | 7/32      |
| 15       | 15/64     |
| 16       | 1/4       |
| 17       | 17/64     |
| 18       | 9/32      |
| 20       | 5/16      |
| 22       | 11/32     |
| 24       | 3/8       |
| 26       | 13/32     |
| 28       | 7/16      |
| 30       | 15/32     |
| 32       | 1/2       |
| 34       | 17/32     |
| 36       | 9/16      |
| 40       | 5/8       |
| 44       | 11/16     |



Mapper does not have any county information



| Project      | Construction | Firm Price |             | Market Price |             | Performance    | Completion    |
|--------------|--------------|------------|-------------|--------------|-------------|----------------|---------------|
|              |              | Price      | Quantity    | Price        | Quantity    |                |               |
| 1. Additions | 2. Additions | 3. Price   | 4. Quantity | 5. Price     | 6. Quantity | 7. Performance | 8. Completion |

[illegible]

E. L. M. 1890

No conflict

## Places of Use from Water Rights in the Same Area

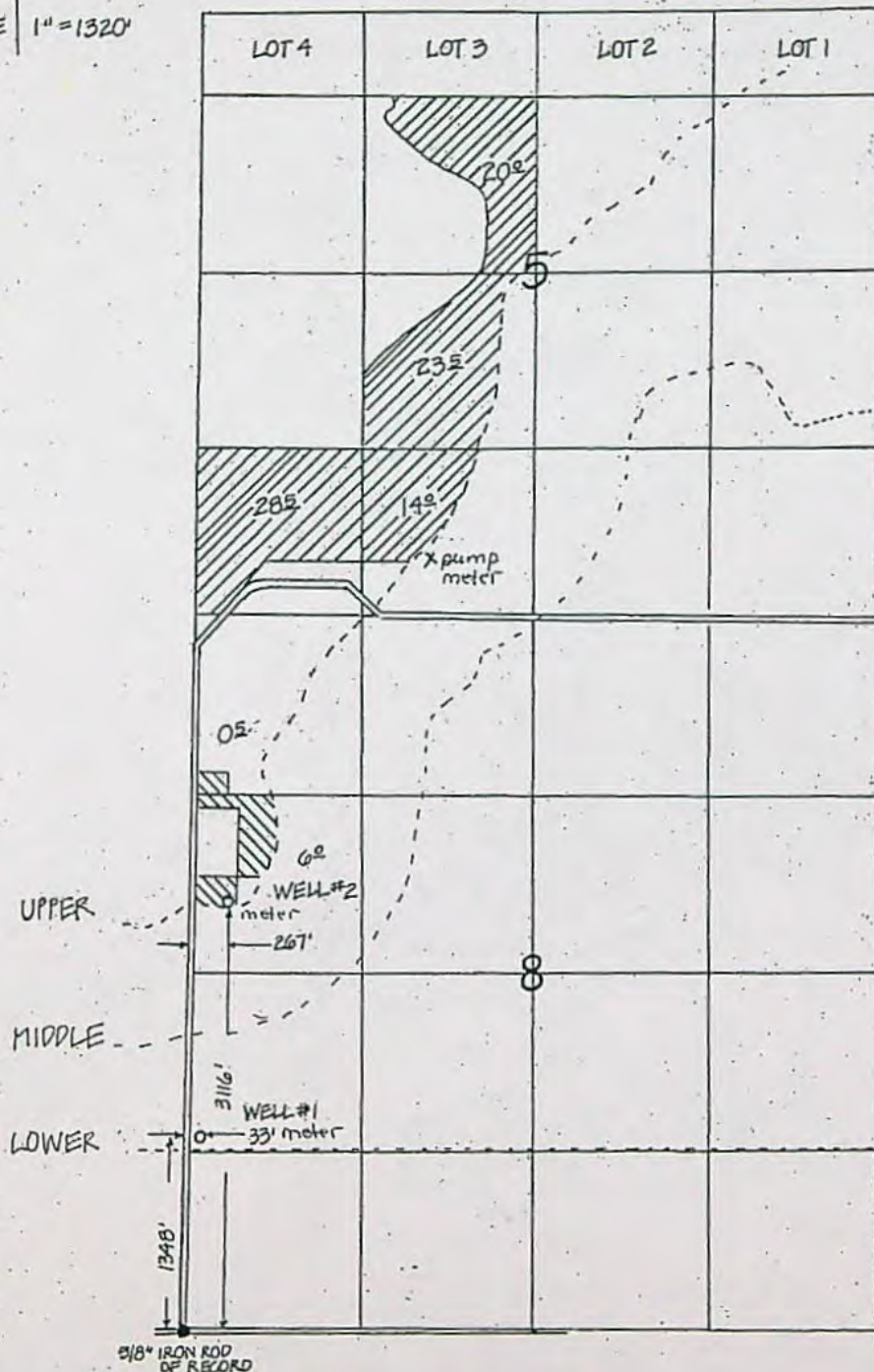
The following rights have acreage in the same quarter-quarter as Permit: G 12561 \*

| Right                     | Name                                | Decree              | App     | Permit  | Cert  | Priority   | Status | Use | T-R-S-QQ              | DI |
|---------------------------|-------------------------------------|---------------------|---------|---------|-------|------------|--------|-----|-----------------------|----|
| <u>CERT:72197 CF CR *</u> | CROOK COUNTY IMPROVEMENT DISTRICT 1 | DESCHUTES RIVER (F) |         |         | 72197 | 10/31/1900 | NC     | IR  | 14.00S-14.00E-08-SWNW |    |
|                           |                                     |                     |         |         |       |            |        | IR  | 14.00S-14.00E-08-NWNW |    |
|                           |                                     |                     |         |         |       |            |        | IR  | 14.00S-14.00E-05-SESW |    |
|                           |                                     |                     |         |         |       |            |        | IR  | 14.00S-14.00E-05-SESW |    |
|                           |                                     |                     |         |         |       |            |        | IR  | 14.00S-14.00E-05-NESW |    |
|                           |                                     |                     |         |         |       |            |        | IR  | 14.00S-14.00E-05-NESW |    |
| <u>PERMIT: G 17116 *</u>  | A J DAIRY LLC                       |                     | G-12176 | G-17116 |       | 7/16/1990  | NC     | IR  | 14.00S-14.00E-05-     |    |
|                           |                                     |                     |         |         |       |            |        | IR  | 14.00S-14.00E-05-     |    |
|                           |                                     |                     |         |         |       |            |        | IR  | 14.00S-14.00E-05-     |    |
|                           |                                     |                     |         |         |       |            |        | IR  | 14.00S-14.00E-05-     |    |
| <u>CERT:76714 CF *</u>    | CENTRAL OREGON IRRIGATION DISTRICT  |                     | S-13180 | S-23256 | 76714 | 2/28/1913  | NC     | IS  | 14.00S-14.00E-05-NESW |    |
|                           |                                     |                     |         |         |       |            |        | IS  | 14.00S-14.00E-05-NESW |    |
|                           |                                     |                     |         |         |       |            |        | IS  | 14.00S-14.00E-05-SESW |    |
|                           |                                     |                     |         |         |       |            |        | IS  | 14.00S-14.00E-05-SESW |    |
|                           |                                     |                     |         |         |       |            |        | IS  | 14.00S-14.00E-08-NWNW |    |
|                           |                                     |                     |         |         |       |            |        | IS  | 14.00S-14.00E-08-SWNW |    |

APPLICATION MAP  
APPROPRIATION OF WATER  
T.14S., R.14E., W.M.

Application No. 6-12177  
Permit No.

SCALE 1" = 1320'



RECEIVED

APR 28 1993

WATER RESOURCES DEPT.  
SALEM, OREGON

NO REPRESENTATION IS  
INTENDED TO PROVIDE  
DIMENSIONS OR LOCATION  
OF PROPERTY OWNERSHIP  
LINES.



LEGEND

WELL #1 TOTAL = 862'

WELL #2 TOTAL = 621'

DEJARNATT LAND SURVEYS, INC.

63885 N. HWY. 97  
BEND, OREGON 97101  
(503) 382-4192

JOB # 90061  
SHEET 1 OF 1  
JULY 11, 1990  
REVISED 4-12-93

## CLAIM OF BENEFICIAL USE

The completion of this form is required by OAR 690-014-010(1) and 690-014-0110(4).

Please type or print in dark ink. If this form is found to contain errors or omissions, it may be returned to you. Every numbered item must have a response. If any requested information does not apply to the Claim, insert "n/a." Do not delete any section of this form unless directed by the form. The Department may require the submittal of additional information from any water user or authorized agent. A separate form shall be completed for each permit or transfer final order.

### I. General Information

#### 1. File Information

|                                   |                               |
|-----------------------------------|-------------------------------|
| Application Number (G, R, S or T) | Permit Number (if applicable) |
| G-12177                           | G-12561                       |

#### 2. Property owner (current owner information)

##### a. Individuals

|                 |                         |  |
|-----------------|-------------------------|--|
| Name            | Thomas G Strand         |  |
| Mailing Address | 18880 NW Lone Pine Lane |  |
| City/State/Zip  | Terrebonne, OR 97760    |  |
| Phone #         | 541 548-5747            |  |
| Fax #           |                         |  |
| e-mail address  |                         |  |

##### b. Businesses/Organizations

|                          |     |
|--------------------------|-----|
| Name                     | N/A |
| Contact Person and Title | N/A |
| Mailing Address          | N/A |
| City/State/Zip           | N/A |
| Phone                    | N/A |
| Fax                      | N/A |
| e-mail                   | N/A |

If the current property owner is not the permittee or transfer holder of record, it is recommended that an assignment be filed with the Department.

#### 3. Permittee / Transferee of record (this may not be the current property owner)

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|                 |                         |              |
|-----------------|-------------------------|--------------|
|                 | Individual 1            | Individual 2 |
| Name            | Thomas G Strand         |              |
| Mailing Address | 18880 NW Lone Pine Lane |              |
| City/State/Zip  | Terrebonne, OR 97760    |              |

d. Businesses/Organizations

|                          |     |
|--------------------------|-----|
| Name                     | N/A |
| Contact Person and Title | N/A |
| Mailing Address          | N/A |
| City/State/Zip           | N/A |

4. Date of Site Inspection: September 29, 2004

5. Person(s) interviewed and description of their association with the project:

| Name       | Date    | Association with the project |
|------------|---------|------------------------------|
| Tom Strand | 9-29-04 | Owner                        |
|            |         |                              |

6. County: Crook County

7. Tax Lot Information:

| Tax map number | Tax lot number |
|----------------|----------------|
| 14-14-5        | TL 400         |
| 14-14-8        | TL 300         |
|                |                |

8. If any property described in the place of use of the permit or transfer final order is excluded from this report, identify the owner of record for that property (ORS 537.230(3)):

**\*\*Mark "NA" if there are no owners of property not included in this claim**

|                          |     |
|--------------------------|-----|
| Name                     | N/A |
| Contact Person and Title | N/A |
| Mailing Address          | N/A |
| City/State/Zip           | N/A |
| Phone #                  | N/A |

|                          |                         |
|--------------------------|-------------------------|
| Name                     |                         |
| Contact Person and Title | Thomas G Strand Owner   |
| Mailing Address          | 18880 NW Lone Pine Lane |
| City/State/Zip           | Terrebonne, OR 97760    |
| Phone #                  | 541-548-5747            |

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**I. Points of Diversion/Appropriation and Place of Use**

For each point of diversion or appropriation, provide the following information. If the claim is for more than one point of diversion/appropriation, copy and complete this section for each point of diversion or appropriation.

1. Provide a general narrative description of the distribution works. This description must trace the water system from the point of diversion or appropriation to and include the place of use:

Water is pumped from well no.1 to the Upper Lone Pine Canal through 1700' of 6" PVC pipe. The pipe has a 6" meter located near the Middle Lone Pine Canal. Well no.1 has a 30hp submersible pump capable of diverting 380 GPM to the Upper Lone Pine Canal.

Water flows down the Upper Lone Pine Canal to the SW corner of the SE 1/4 SW 1/4 of Section 5 where it is picked up by a 20HP Centrifugal Pump (Pump no. 2) and a 30HP Centrifugal Pump (Pump no. 3). The 20 HP pump (Pump no. 2) boosts the pressure to sprinkle 24.8 acres in the SW 1/4 SW 1/4 of Section 5. Meter no.2 measures the flow of the 24.8 acres in the SW 1/4 SW 1/4 of Section 5. The 30HP pump (Pump no. 3) boosts the pressure to irrigate through a center pivot to irrigate 1.1 Acres in the NE 1/4 SW 1/4, 8.6 Acres in the SE 1/4 SW 1/4, and 5.0 Acres in the SW 1/4 of the SW 1/4 of Section 5. The pivot irrigates a total of 98.0 acres. Pump no. 3 irrigates 14.7 acres (1.1 ac + 8.6 ac + 5.0 ac) or 15% of the total pivot area. The 30HP (Pump no.3) also pumps water to sprinkle irrigate 21.6 acres in the SE 1/4 NW 1/4 and 1.8 acres in the NE 1/4 SW 1/4 of Section 5. This usage is measured by meter no. 4.

Well no.2 was previously issued a certificate under permit G-12561. Well no.2 is used to irrigate 5.0 acres in the SW 1/4 SW 1/4 of Section 5, 0.9 acres in the NW 1/4 NW 1/4 of Section 8 and 5.6 AC in the SW 1/4 NW 1/4 of Section 8 and also capable of pumping 140 GPM into the Upper Lone Pine Canal for supplemental irrigation of 5.0 acres in the SW 1/4 SW 1/4 of Section 5.

2. Point of diversion/appropriation name or number (correspond to map):

| Point of diversion/appropriation name or number<br>(correspond to map) | Well log ID # for all<br>work performed on<br>the well<br>(if applicable) | Well tag #<br>(if applicable) |
|------------------------------------------------------------------------|---------------------------------------------------------------------------|-------------------------------|
| 1348' North and 33' East of the SW cor. of Sec. 8, T14S, R14E          | Well no.1                                                                 |                               |
| 3116' North and 267' East of the SW cor. of Sec. 8, T14S, R14E         | Well no.2                                                                 |                               |

Attach each well log available for the well (include the log for the original well and any subsequent alterations, reconstructions, and deepenings)

3. Point of diversion/appropriation source and, if from surface water, the tributary:

| Source       | Tributary to  |
|--------------|---------------|
| Ground Water | Crooked River |

4. Point of diversion/appropriation location:

| (DLC, Government Lot, 1/4 1/4, Section, Township, Range) | Reference to a recognized public land survey corner<br>by distance and bearing or by coordinates |
|----------------------------------------------------------|--------------------------------------------------------------------------------------------------|
| NW 1/4 SW 1/4, Sec. 8, T14S, R14E (Well no. 1)           | 1348' N & 33' E of the SW cor. Sec. 8, T14S, R14E                                                |
| SW 1/4 NW 1/4, Sec. 8, T14S, R14E (Well no. 2)           | 3116' N & 267' E of the SW cor. Sec. 8, T14S, R14E                                               |

5. Actual use(s), period of use, and rate for each use:

| Uses       | If irrigation, list crop type | When water is used | Rate for use |
|------------|-------------------------------|--------------------|--------------|
| Irrigation | Grass Hay                     | 4-15 to 10-15      | 520 GPM      |
|            |                               |                    |              |
|            |                               |                    |              |

Total Quantity of Water 277 ac/ft

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6. Place of use for the point of diversion or appropriation:

| DLC | Gov lot | 1/4 1/4 | Section | Township | Range | Use | # of primary acres    | # of supplemental acres |
|-----|---------|---------|---------|----------|-------|-----|-----------------------|-------------------------|
|     |         | SW SW   | 5       | T14S     | R14E  | IRR | 29.8 AC               |                         |
|     |         | SE SW   | 5       | T14S     | R14E  | IRR | 8.6 AC                |                         |
|     |         | NE SW   | 5       | T14S     | R14E  | IRR | 2.9 AC                | 23.1                    |
|     |         | SE NW   | 5       | T14S     | R14E  | IRR | 21.6 AC               |                         |
|     |         |         |         |          |       |     |                       |                         |
|     |         | NW NW   | 8       | T14S     | R14E  | IRR | 0.9 (prev. certified) |                         |
|     |         | SW NW   | 8       | T14S     | R14E  | IRR | 5.6 (prev. certified) |                         |

**Total Acres Irrigated 69.4 AC Primary – 23.1 ac Supp.**

**Groundwater Source Information (Well and Sump)**

**\*\*If the appropriation is not from ground water (well or sump), this section, items 1-5, can be deleted.**

1. Describe the access port (type and location) or other means to measure the water level in the well in the box below:

2" access port for Well no. 1 and 2

2. If well logs are not available, provide as much of the following information as possible: see attached logs

| Casing Diameter | Casing Depth | Total Depth | Completion Date of Original Well | Completion Dates of Alterations | Who the well was drilled for | Well drilled by |
|-----------------|--------------|-------------|----------------------------------|---------------------------------|------------------------------|-----------------|
|                 |              |             |                                  |                                 |                              |                 |

In addition to the information requested in item "2" above, provide any other information which may help the Department locate any well logs associated with this appropriation.

NA

**\*\*If the appropriation is not from a sump, the following section, items 3-4, can be deleted. Construction standards for sumps can be found in OAR 690-210-0400.**

**Gravity flow canal or ditch** (The Department typically uses Manning's formula for canals and ditches)

**\*\*If this claim does not rely on a gravity flow canal or ditch to convey the water as part of the distribution system, this section, items 1-3, can be deleted.**

1. If the system involves a gravity canal or ditch, complete the table below. Upper Lone Pine Canal

| Canal or ditch type (material) | Top width of canal or ditch | Bottom width of canal or ditch | Depth | "N" factor | Amount of fall | Length of canal/ditch | Slope | Computed volume |
|--------------------------------|-----------------------------|--------------------------------|-------|------------|----------------|-----------------------|-------|-----------------|
| Earth                          | 6'                          | 3'                             | 4'    |            |                |                       |       | 7'              |

2. Provide calculations in the box below:

We are sharing the Ground water with the Upper Lone Pine Canal, Lone Pine Irrigation District. The existing canal is capable of 15 AC feet and it's current usage is 7 AC feet of which 1 AC foot is ground water.

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3. If an actual measurement was taken, provide the following:

| Date of Measurement | Who made the measurement | Measurement method | Measured quantity of water |
|---------------------|--------------------------|--------------------|----------------------------|
| N/A                 |                          |                    |                            |

Attach measurements notes

### System Information:

Provide the following information concerning the diversion and delivery system. Trace the flow of water from the point of diversion/appropriation to the place of use.

#### 1. Pump information

| Brand | Model   | Serial Number | Type (centrifugal, turbine or submersible) | Intake size | Discharge size |
|-------|---------|---------------|--------------------------------------------|-------------|----------------|
| 1     | Berkley |               | Submersible                                |             | 6              |
| 2     | Century |               | Centrifugal                                | 6           | 6              |
| 3     | Cornell |               | Centrifugal                                | 8           | 6              |
| 4     | Berkley |               | Submersible                                |             | 4              |

#### 2. Motor information

| Brand | Model    | Horsepower | Max RPM | Voltage |
|-------|----------|------------|---------|---------|
| 1     | Franklin | 30         | 3600    | 480     |
| 2     |          | 30         | 3600    | 480     |
| 3     |          | 20         | 3526    | 480     |
| 4     | Franklin | 15         | 3600    | 220     |

#### 3. Meter information (if required in permit or transfer final order)

| Make           | Serial # | Condition (working or not) | Current meter reading | Notes |
|----------------|----------|----------------------------|-----------------------|-------|
| 1 Mc Crommeter | 916447   | working                    |                       | 6"    |
| 2 Mc Crommeter | 916446   | working                    |                       | 6"    |
| 3 Aqua 900     | 30241    | working                    |                       | 8"    |
| 4 Mc Crommeter | 914384   | working                    |                       | 4"    |
| 5 Mc Crommeter | 914383   | working                    |                       | 4"    |

#### 4. Measurement device description

| Device description | Condition (working or not) | Notes |
|--------------------|----------------------------|-------|
| Micrometer         | working                    |       |

#### 5. Measured pump capacity (using meter if meter was present and system was operating)

| Initial meter reading | Ending meter reading | Duration of time observed | Total pump output |
|-----------------------|----------------------|---------------------------|-------------------|
| NA                    |                      |                           |                   |

#### 6. Theoretical pump capacity

| Horsepower | Operating psi | Lift from source to pump<br>*If a well, the water level during pumping (see pump test results) | Lift from pump to place of use | Total pump output |
|------------|---------------|------------------------------------------------------------------------------------------------|--------------------------------|-------------------|
| Pump 1     | 0             | See attached pump test                                                                         | 320'                           | 380               |
| Pump 2     | 60            |                                                                                                | 50'                            | 160               |
| Pump 3     | 60            |                                                                                                | 10'                            | 650'              |
| Pump 4     | 60            | See attached pump test                                                                         | 300'                           | 160               |

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### 8. Mainline information

| Mainline size | Length  | Type of pipe | Buried or above ground |
|---------------|---------|--------------|------------------------|
| 4"            | 800 LF  | PVC          | BURIED                 |
| 5"            | 400 LF  | PVC          | BURIED                 |
| 6"            | 4300 LF | PVC          | BURIED                 |

### 9. Lateral or handline information

| Lateral or handline size | Length  | Type of pipe | Buried or above ground |
|--------------------------|---------|--------------|------------------------|
| 4" Wheel line            | 1000 LF | Aluminum     | Above ground           |
| Center Pivot             | 1100 LF | PVC          | Above ground           |
| 3" Hand lines            | 1280 LF | Aluminum     | Above ground           |

### 10. Sprinkler information      Make and model:

| Make         | Model | Size   | Operating psi | Sprinkler output | Maximum number used | Total sprinkler output |
|--------------|-------|--------|---------------|------------------|---------------------|------------------------|
| Rainbird     | 30    | 5/32"  | 40            | 4 GPM            | 80                  | 320                    |
| Low Pressure |       | varies | 38            | Varies           | 55 plus end gun     |                        |
|              |       |        |               |                  |                     |                        |

Refer to the chart of sprinkler output at various pressures for most nozzle sizes attached to this document.

$$Q_{\text{sprinklers}} = \frac{(\text{max \# heads})(\text{gpm/head})}{448.8 \text{ gpm/cfs}} = \text{cfs}$$

### 11. Additional notes or comments related to the system:

Well no. 1 runs continuously and is used to irrigate 57.9 acres in Section 5. Water is rotated between the sprinkled 21.6 acres in the SE ¼ NW ¼, the sprinkled 24.8 acres in the SW ¼ SW ¼ and the areas irrigated with the Center Pivot being the 8.6 acres in the SE ¼ SW ¼ and the 1.1 acres in the NE ¼ SW ¼ of Section 5.

Well no. 1 is also to be used for supplemental irrigation of 10.0 acres in the NE ¼ SW ¼ of Section 5.

Well no. 2 is used to irrigate 6.5 acres in Section 8 and is rotated to irrigate 5.0 acres in the SW ¼ SW ¼ of Section 5. Well no. 2 is also to be used for supplemental irrigation of 13.1 acres in the NE ¼ SW ¼ of Section 5.

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### III. CONDITIONS

Please pay special attention to this section. All conditions contained in the permit or transfer final order shall be addressed. Reports that do not address all performance related conditions will be returned.

#### 1. Time Limits:

a. Permits or transfer Final Orders contain any or all of the following dates; the date when the actual construction work was to begin, the date when the construction was to be completed, and the date when the complete application of water to the proposed use is to be completed by. These dates may be referred to as ABC dates. Describe how the water user has complied with each of the development timelines established in the permit or transfer final order:

|                               | Dates from permit or transfer final order | Date accomplished | Description of actions taken by water user to comply with the time limits                          |
|-------------------------------|-------------------------------------------|-------------------|----------------------------------------------------------------------------------------------------|
| Begin construction            | Oct. 1, 1996                              |                   |                                                                                                    |
| Complete construction         | Oct. 1, 1998                              |                   |                                                                                                    |
| Complete application of water | Oct. 1, 1999                              |                   | An extension of time was granted to complete the construction and apply the water to Oct. 1, 2004. |

#### 2. Initial Water Level Measurements:

\*\*If the Claim is for surface water or a reservoir, or if the water user was not required to submit static water level measurements, items b through e relating to this section can be deleted.

a. Was the water user required to submit an initial static water level measurement? NA

b. What month was the initial measurement to be taken in? NA

c. Did an authorized individual (as stated in the permit or transfer final order) make the initial static water level measurement in the month required?

NA

d. If "YES", was the measurement submitted to the Department? NA

e. If the initial measurement not been submitted, provide that measurement now if available:

| Date of measurement | Who made measurement | Method | Measurement |
|---------------------|----------------------|--------|-------------|
| NA                  |                      |        |             |

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#### 3. Annual Static Water Level Measurements:

\*\*If the Claim is for surface water or a reservoir, or if the water user was not required to submit static water level measurements, items b through e relating to this section can be deleted.

a. Was the water user required to submit annual static water level measurements? NA

b. In the box below, provide the month in which the static water level was to be made:

NA

c. Were the static water level measurements taken in the month required? NA

d. If "YES", were those measurements submitted to the Department? NA

e. If the annual measurements were not submitted, provide the measurements now in the box below:

| Year | Month | Measurement made by | Measurement |
|------|-------|---------------------|-------------|
| NA   |       |                     |             |
|      |       |                     |             |
|      |       |                     |             |
|      |       |                     |             |
|      |       |                     |             |

4. **Measurement, recording, and reporting conditions:**

a. Does the permit or transfer final order require the installation of a meter or approved measuring device?  
YES \*\*If "NO", items b through g relating to this section can be deleted.

b. Has a meter been installed? YES

c. Provide the date the meter was installed:

September 1998

d. If a meter has not been installed, has a suitable measuring device been installed and approved by the Department? YES NO NA

e. If "YES", provide a copy of the letter approving the device, if available. If the letter is not available provide the name and title of the Water Resources Department employee approving the measuring device, and the approximate date of the approval:

| Name | Title | Approximate date |
|------|-------|------------------|
| NA   |       |                  |

f. Is the water user required to report the water use to the Department? NO

g. Have the reports been submitted? NA

If the reports have not been submitted, attach a copy of the reports if available.

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5. **Fish Screening and/or By-pass Devices**

a. Are any points of diversion required to be screened and/or have a by-pass device to prevent fish from entering the point of diversion? NO

\*\*If "NO", items b through i relating to this section can be deleted

6. **Pump Test** (typically required for ground water uses prior to issuance of a certificate, but not a requirement of permit development)

a. Did the permit or transfer final order require the submittal of a pump test? YES NO NA

b. Has a pump test been submitted and approved by the Department? YES NO

c. If no, is the pump test attached to this Claim? YES

7. **Other Permit Conditions** (examples: special well construct standards, water conservation plans, no obstructions to fish without a fishway, etc.; number as appropriate.)

#### IV. Attachments, Conclusions, Map and Signatures

##### Attachments

If you are attaching any documents to this report, provide a list below:

| Attachment name | Description                         |
|-----------------|-------------------------------------|
| Well Logs       | Well logs for Wells no. 1 and no. 2 |
| Pump Tests      | Pump tests for Pump #1 and Pump #4  |
|                 |                                     |

##### Permit and Transfer Final Order Rates and System Rates Comparisons:

| POD or POA name or # | Maximum rate allowed by permit or transfer final order | Calculated theoretical rate of water based on system | Actual amount of water measured (if measured) | Developed use | # of acres allowed by permit or transfer final order | # of acres developed |
|----------------------|--------------------------------------------------------|------------------------------------------------------|-----------------------------------------------|---------------|------------------------------------------------------|----------------------|
| Wells 1 & 2          | 1.16 CFS                                               | 520 GPM                                              | Not Measured                                  | 520 GPM       | 92.5 AC                                              | 92.5 AC              |
|                      |                                                        |                                                      |                                               |               |                                                      |                      |
|                      |                                                        |                                                      |                                               |               |                                                      |                      |
|                      |                                                        |                                                      |                                               |               |                                                      |                      |

##### Claim of Beneficial Use Map

The Claim of Beneficial Use Map must be submitted with this Claim. Claims submitted without the Claim of Beneficial Use map will be returned. The map shall be submitted on poly film at a scale of 1" = 1320', 1" = 400', or the original full-size scale of the county assessor map for the location.

In the following box, provide a general description of the survey method used to prepare the map. Examples of possible methods include, but are not limited to, a traverse survey, GPS, or the use of aerial photos. If the basis of the survey is an aerial photo, provide the source, date, series and the aerial photo identification number.

Aerial Photo provided by owner, Tom Strand. This aerial is from Bend Mapping and Blueprinting located in Bend, Oregon. The aerial flight for this photo took place September 11, 1998. There are no series numbers or aerial photo identification.

##### CWRE Statement, Seal and Signature

The facts contained in this Claim of Beneficial Use are true and correct to the best of my knowledge.

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Permit or Transfer Holders Signature or Acknowledgement

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The facts contained in this Claim of Beneficial Use are true and correct to the best of my knowledge. I request that the Department issue a water right certificate.

Thomas G. Strand Thomas G. Strand 9-24-05  
Signature Print or type name Date

\_\_\_\_\_  
Signature Print or type name Date

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Oregon  
Kate Brown, Governor

*file*  
Water Resources Department  
725 Summer St NE, Suite A  
Salem, OR 97301  
(503) 986-0900  
Fax (503) 986-0904

January 21, 2016

THOMAS G STRAND  
18880 NW LONE PINE LANE  
TERREBONNE OR 97760

NORTHWEST FARM CREDIT SERVICES, ACA  
PO BOX 607  
REDMOND OR 97756

Reference: Application G-12177, Permit G-12561

The Department has been reviewing the Claim of Beneficial Use (Claim) report and map, received on September 29, 2005, for the above referenced ground water application involving Permit G-12561 (priority date of July 16, 1990). The Department is prepared to issue a proposed certificate for this permit; however the Department has identified an issue that must be resolved before the issuance of a certificate.

The Department has discovered that a pump test has not been performed on Well #2 (CROO 718) for Application G-12177, Permit G-12561. Oregon Administrative Rule 690-217-0020(1) requires that ground water permit holders with a priority date after December 20, 1988, submit the results of a pump test before the Water Resources Department can issue a water right certificate.

Please contact the Department and let us know how you wish to proceed. For your convenience, please see enclosures which include: 1) a copy of Permit G-12561, 2) a "Pump Test Form Cover and Data Sheet", 3) the Claim of Beneficial Use, and 4) a draft Certificate for Application G-12177.

Please contact the Department and let us know how you wish to proceed. If you have any questions please contact me at 503-986-0814.

Sincerely,

Jessica Joye  
Certificate Section

enclosures

Cc: Files G-12177  
WM # 11  
William Tye, CWRE, Tye Engineering & Surveying

STATE OF OREGON

COUNTY OF CROOK

PERMIT TO APPROPRIATE THE PUBLIC WATERS

THIS PERMIT IS HEREBY ISSUED TO

THOMAS G STRAND

RT 1 BOX 53

(541) 548-5747

TERREBONNE, OREGON 97760

NORTHWEST FARM CREDIT SERVICES, ACA

PO BOX 607

(541) 548-2126

REDMOND, OREGON 97756

The specific limits for the use are listed below along with conditions of use.

APPLICATION FILE NUMBER: G-12177

SOURCE OF WATER: TWO WELLS WITHIN THE CROOKED RIVER BASIN

PURPOSE OR USE: IRRIGATION OF 92.5 ACRES

VOLUME OF USE: 1.16 CUBIC FOOT PER SECOND

PERIOD OF USE: MARCH 1 THROUGH OCTOBER 31

DATE OF PRIORITY: JULY 16, 1990

POINT OF DIVERSION LOCATION: SW 1/4 NW 1/4, NW 1/4 SW 1/4, SECTION 8, T14S, R14E, W.M.; WELL 1 - 1348 FEET NORTH AND 33 FEET EAST; WELL 2 - 3116 FEET NORTH AND 267 FEET EAST, BOTH FROM THE SW CORNER OF SECTION 8

The amount of water used for irrigation under this right, together with the amount secured under any other right existing for the same lands, is limited to a diversion of ONE-EIGHTIETH of one cubic foot per second (or its equivalent) and 3.0 acre-feet for each acre irrigated during the irrigation season of each year.

THE PLACE OF USE IS LOCATED AS FOLLOWS:

SE 1/4 NW 1/4 20.0 ACRES

NE 1/4 SW 1/4 23.5 ACRES

SW 1/4 SW 1/4 28.5 ACRES

SE 1/4 SW 1/4 14.0 ACRES

SECTION 5

NW 1/4 NW 1/4 0.5 ACRE

SW 1/4 NW 1/4 6.0 ACRES

SECTION 8

TOWNSHIP 14 SOUTH, RANGE 14 EAST, W.M.

Application G-12177 Water Resources Department

PERMIT G-12561

Measurement, recording and reporting conditions:

- A. Before water use may begin under this permit, the permittee shall install a meter or other suitable measuring device as approved by the Director. The permittee shall maintain the meter or measuring device in good working order.
- B. The permittee shall allow the watermaster access to the meter or measuring device; provided however, where the meter or measuring device is located within a private structure, the watermaster shall request access upon reasonable notice.
- C. The Director may require the permittee to keep and maintain a record of the amount (volume) of water used and may require the permittee to report water use on a periodic schedule as established by the Director. In addition, the Director may require the permittee to report general water use information, the periods of water use and the place and nature of use of water under the permit. The Director may provide an opportunity for the permittee to submit alternative reporting procedures for review and approval.

If substantial interference with a senior water right occurs due to withdrawal of water from any well listed on this permit, then use of water from the well(s) shall be discontinued or reduced and/or the schedule of withdrawal shall be regulated until or unless the Department approves or implements an alternative administrative action to mitigate the interference. The Department encourages junior and senior appropriators to jointly develop plans to mitigate interferences.

Use of water under authority of this permit may be regulated if analysis of data available after the permit is issued discloses that the appropriation will measurably reduce the surface water flows necessary to maintain the free-flowing character of a scenic waterway in quantities necessary for recreation, fish and wildlife in effect as of the priority date of the right or as those quantities may be subsequently reduced.

STANDARD CONDITIONS

The wells shall be constructed in accordance with the General Standards for the Construction and Maintenance of Water Wells in Oregon. The works shall be equipped with a usable access port, and may also include an air line and pressure gauge adequate to determine water level elevation in the well at all times.

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

Prior to receiving a certificate of water right, the permit holder shall submit the results of a pump test meeting the department's standards, to the Water Resources Department. The Director may require water level or pump test results every ten years thereafter.

Failure to comply with any of the provisions of this permit may result in action including, but not limited to, restrictions on the use, civil penalties, or cancellation of the permit.

This permit is for the beneficial use of water without waste. The water user is advised that new regulations may require the use of best practical technologies or conservation practices to achieve this end.

By law, the land use associated with this water use must be in compliance with statewide land-use goals and any local acknowledged land-use plan.

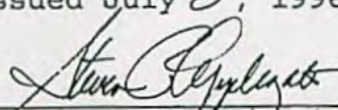
The use of water shall be limited when it interferes with any prior surface or ground water rights.

The Director finds that the proposed use(s) of water described by this permit, as conditioned, will not impair or be detrimental to the public interest.

Actual construction of the wells shall begin within one year from permit issuance and shall be completed on or before October 1, 1998. Complete application of the water to the use shall be made on or before October 1, 1999.

Issued July 8, 1996

BC 24

  
Martha O. Pagek, Director  
Water Resources Department

Application G-12177    Water Resources Department  
Basin 05    Volume 2, CROOKED RIVER & MISC.  
MGMT.CODES 7BG, 7BR, 7JG, 7JR

PERMIT G-12561  
District 11

Oregon Water Resources Department  
**PUMP TEST FORM COVER SHEET**

**Well Owner:**

Name: \_\_\_\_\_  
Address: \_\_\_\_\_  
County: \_\_\_\_\_  
City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_  
Original owner (from well log): \_\_\_\_\_

**Well Location:**

Township: \_\_\_\_\_ (N/S) Range: \_\_\_\_\_ (E/W)  
Section: \_\_\_\_\_ 1/4: \_\_\_\_\_ 1/16: \_\_\_\_\_ 1/64: \_\_\_\_\_  
Well depth: \_\_\_\_\_ Date drilled: \_\_\_\_\_  
Owners well no. (if any): \_\_\_\_\_  
POD ID: \_\_\_\_\_

**Water Right Information:**

Application: \_\_\_\_\_ Permit: \_\_\_\_\_ Certificate: \_\_\_\_\_  
Is this well listed on more than one water right? ☐ Yes If yes, list additional water rights below:  
Application: \_\_\_\_\_ Permit: \_\_\_\_\_ Certificate: \_\_\_\_\_  
Application: \_\_\_\_\_ Permit: \_\_\_\_\_ Certificate: \_\_\_\_\_

**Pump Test:**

Test Conducted by: \_\_\_\_\_ Well Owner? ☐ Yes  
Company: \_\_\_\_\_  
Address: \_\_\_\_\_ Date of Test: \_\_\_\_\_  
City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_  
Daytime phone: \_\_\_\_\_

Method of discharge measurement (see our brochure for acceptable methods): \_\_\_\_\_  
Method of water-level measurement (pick one or enter other method used): \_\_\_\_\_  
Length of air line (if used): \_\_\_\_\_

Pump type (pick one or enter other method used): \_\_\_\_\_

Was the pump test conducted during normal use of the well? ☐ Yes Note: \_\_\_\_\_

Are you aware of any wells, other than domestic or stock wells, pumping within 1000 feet of the tested well during the test or within 24 hours prior to the test? ☐ Yes Note: \_\_\_\_\_

If yes, give approximate distances to each and approximate pumping rate of each. If possible, indicate if they were turned on or off during the test: \_\_\_\_\_

Is there a lake, stream or other surface water body within 1/4 mile of the tested well? ☐ Yes If yes, give approximate distance from the well and approximate elevation difference between the surface water and the well head. Approx. distance: \_\_\_\_\_ ft Approx. elevation difference: \_\_\_\_\_ ft

Well elevation is \_\_\_\_\_ surface water body.

Description of measuring point (e.g. top port of 1 inch port pipe, west side) \_\_\_\_\_

Measuring point distance \_\_\_\_\_ land surface \_\_\_\_\_ feet.

**Static water level measurements:** (A minimum of three measurements are required in the hour before pumping begins at no less than 20 minutes apart):

| Time  | Depth to water below meas. point | Depth to water below land surface |
|-------|----------------------------------|-----------------------------------|
| _____ | _____                            | _____                             |
| _____ | _____                            | _____                             |
| _____ | _____                            | _____                             |

**Discharge measurements:** (A discharge measurement is required at the start of pumping and at least once an hour during the test; additional measurements should be noted on the Pump Test Data Sheet):

| Time  | Discharge Rate | Discharge Units (e.g. gpm, cfs, etc) |
|-------|----------------|--------------------------------------|
| _____ | _____          | _____                                |
| _____ | _____          | _____                                |
| _____ | _____          | _____                                |
| _____ | _____          | _____                                |

|                       |                           |            |
|-----------------------|---------------------------|------------|
| Time pump turned on:  | Date _____                | Time _____ |
| Time pump turned off: | Date _____                | Time _____ |
| Total pumping time:   | _____ hours _____ minutes |            |

Note: Well must be idle for at least 16 hours prior to the test.

Additional forms can be obtained from our web site at: <http://www.wrd.state.or.us>

OWRD 2/9/2000

Required Signature: \_\_\_\_\_



## STATE OF OREGON

## COUNTY OF CROOK

## CERTIFICATE OF WATER RIGHT

## THIS CERTIFICATE ISSUED TO

THOMAS G. STRAND  
18880 NW LONE PINE LANE  
TERREBONNE OR 97760

NORTHWEST FARM CREDIT SERVICES, ACA  
PO BOX 607  
REDMOND OR 97756

confirms the right to the use of water perfected under the terms of Permit G-12561. The amount of water used to which this right is entitled is limited to the amount used beneficially, and shall not exceed the amount specified, or its equivalent in the case of rotation, measured at the point of diversion from the source. The specific limits and conditions of the use are listed below.

APPLICATION FILE NUMBER: G-12177

SOURCE OF WATER: TWO WELLS WITHIN THE CROOKED RIVER BASIN

PURPOSE or USE: IRRIGATION OF 69.4 ACRES AND SUPPLEMENTAL IRRIGATION OF 23.1 ACRES

MAXIMUM RATE: SHALL NOT EXCEED 1.16 CUBIC FEET PER SECOND (CFS), BEING 0.85 CFS FROM WELL 1 AND 0.31 CFS FROM WELL 2

PERIOD OF USE: MARCH 1 THROUGH OCTOBER 31

DATE OF PRIORITY: JULY 16, 1990

The wells are located as follows:

| Twsp | Rng  | Mer | Sec | Q-Q   | Measured Distances                                                   |
|------|------|-----|-----|-------|----------------------------------------------------------------------|
| 14 S | 14 E | WM  | 8   | SW NW | WELL 2 - 3116 FEET NORTH AND 267 FEET EAST FROM SW CORNER, SECTION 8 |
| 14 S | 14 E | WM  | 8   | NW SW | WELL 1 - 1348 FEET NORTH AND 33 FEET EAST FROM SW CORNER, SECTION 8  |

The amount of water used for irrigation under this right, together with the amount secured under any other right existing for the same lands, is limited to a diversion of ONE-EIGHTIETH of one cubic foot per second (or its equivalent) and 3.0 acre-feet for each acre irrigated during the irrigation season of each year.

**NOTICE OF RIGHT TO PETITION FOR RECONSIDERATION OR JUDICIAL REVIEW**

This is an order in other than a contested case. This order is subject to judicial review under ORS 183.484 and ORS 536.075. Any petition for judicial review must be filed within the 60-day time period specified by ORS 183.484(2). Pursuant to ORS 183.484, ORS 536.075 and OAR 137-004-0080, you may petition for judicial review and 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. In addition, under ORS 537.260 any person with an application, permit or water right certificate subsequent in priority may jointly or severally contest the issuance of the certificate within three months after issuance of the certificate.

A description of the place of use is as follows:

| IRRIGATION |      |     |     |       |       |      |
|------------|------|-----|-----|-------|-------|------|
| Twp        | Rng  | Mer | Sec | Q-Q   | Acres | Well |
| 14 S       | 14 E | WM  | 5   | SE NW | 21.6  | 1    |
| 14 S       | 14 E | WM  | 5   | NE SW | 2.9   | 1    |
| 14 S       | 14 E | WM  | 5   | SW SW | 24.8  | 1    |
| 14 S       | 14 E | WM  | 5   | SW SW | 5.0   | 2    |
| 14 S       | 14 E | WM  | 5   | SE SW | 8.6   | 1    |
| 14 S       | 14 E | WM  | 8   | NW NW | 0.9   | 2    |
| 14 S       | 14 E | WM  | 8   | SW NW | 5.6   | 2    |

| SUPPLEMENTAL IRRIGATION |      |     |     |       |       |      |
|-------------------------|------|-----|-----|-------|-------|------|
| Twp                     | Rng  | Mer | Sec | Q-Q   | Acres | Well |
| 14 S                    | 14 E | WM  | 5   | NE SW | 10.0  | 1    |
| 14 S                    | 14 E | WM  | 5   | NE SW | 13.1  | 2    |

Measurement, recording and reporting conditions:

- A. The water user shall maintain the meter or other suitable measuring device as approved by the Director in good working order.
- B. The water user shall allow the watermaster access to the meter or measuring device; provided however, where the meter or measuring device is located within a private structure, the watermaster shall request access upon reasonable notice.
- C. The Director may require the water user to keep and maintain a record of the amount (volume) of water used and may require the water user to report water use on a periodic schedule as established by the Director. In addition, the Director may require the water user to report general water use information, the periods of water use and the place and nature of use of water under the right. The Director may provide an opportunity for the water user to submit alternative reporting procedures for review and approval.

If substantial interference with a senior water right occurs due to withdrawal of water from any well listed on this right, then use of water from the well(s) shall be discontinued or reduced and/or the schedule of withdrawal shall be regulated until or unless the Department approves or implements an alternative administrative action to mitigate the interference. The Department encourages junior and senior appropriators to jointly develop plans to mitigate interferences.

Use of water under authority of this right may be regulated if analysis of data available after the right is issued discloses that the appropriation will measurably reduce the surface water flows necessary to maintain the free-flowing character of a scenic waterway in quantities necessary for recreation, fish and wildlife in effect as of the priority date of the right or as those quantities may be subsequently reduced.

The wells shall be maintained in accordance with the General Standards for the Construction and Maintenance of Water Wells in Oregon. The works shall be equipped with a usable access port, and may also include an air line and pressure gauge adequate to determine water level elevation in the well at all times.

The Director may require water level or pump test results every ten years.

Failure to comply with any of the provisions of this right may result in action including, but not limited to, restrictions on the use, civil penalties, or cancellation of the right.

This right is for the beneficial use of water without waste. The water user is advised that new regulations may require the use of best practical technologies or conservation practices to achieve this end.

By law, the land use associated with this water use must be in compliance with statewide land-use goals and any local acknowledged land-use plan.

The use of water shall be limited when it interferes with any prior surface or ground water rights.

The right to the use of the water for the above purpose is restricted to beneficial use on the place of use described.

Issued \_\_\_\_\_.

\_\_\_\_\_  
Dwight French  
Water Right Services Division Administrator, for  
Thomas M. Byler, Director  
Oregon Water Resources Department

DRAFT

# FINAL PROOF MAP

(PERMIT # G-12561)

(APPLICATION # G-12177)

FOR THOMAS STRAND

TAX LOTS 300 & 400

LOCATED IN SECTION 5 AND SECTION 8, TOWNSHIP 14 SOUTH, RANGE 14 EAST, OF THE WILLAMETTE MERIDIAN, CROOK COUNTY, OREGON

## LEGEND

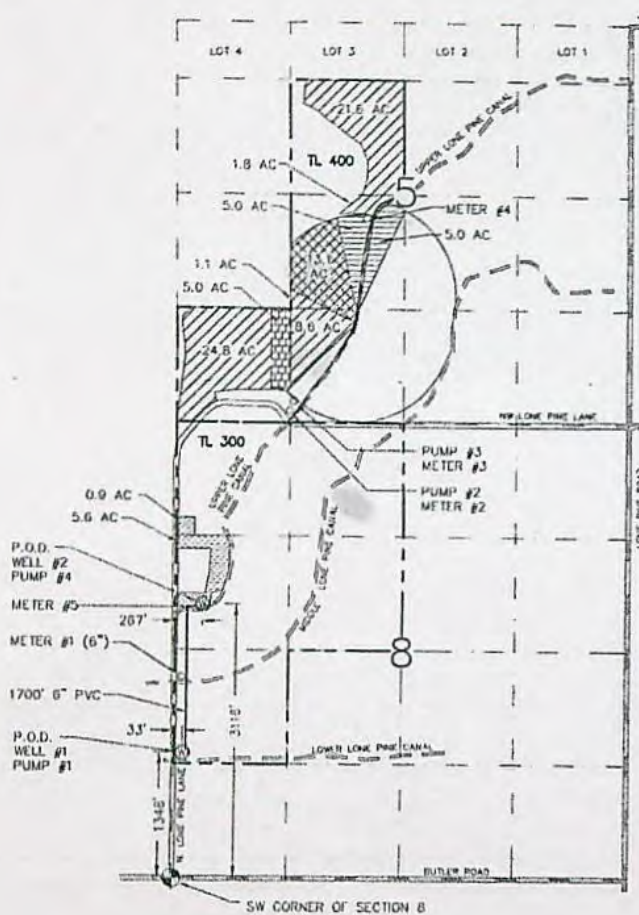
-  PRIMARY IRRIGATION 57.9 AC
-  PRIMARY WELL NO. 2 - 5.0 AC
-  PRIMARY WELL NO. 2 - 6.5 AC
-  PREVIOUS CERTIFICATE G-12561
-  TOTAL PRIMARY 69.4 AC
-  WELL NO. 1 SUPPLEMENTAL IRRIGATION 10.0 AC
-  WELL NO. 2 - SUPPLEMENTAL IRRIGATION 13.1 AC

-  WELL
-  SECTION CORNER

RECEIVED

SEP 29 2005

WATER RESOURCES DEPT  
SALEM OREGON



SCALE: 1"=1000'

| WELL NO.1 - PRIMARY |    |             |         |       |                  |                         |
|---------------------|----|-------------|---------|-------|------------------|-------------------------|
| PUMP #              | HP | TYPE        | GPM     | METER | IRRIGATION ACRES | LOCATION                |
| 1                   | 30 | SUBMERSIBLE | 380     | 1     | 62.9             | W 1/2 SECTION 5         |
| 2                   | 20 | CENTRIFUGAL | 140-160 | 2     | 24.8             | SW 1/4 SW 1/4 SECTION 5 |
| 3                   | 30 | CENTRIFUGAL | 520-620 | 3     | 8.6              | SE 1/4 SW 1/4 SECTION 5 |
| 3                   |    |             |         | 3     | 1.1              | NE 1/4 SW 1/4 SECTION 5 |
| 3                   |    |             |         | 4     | 1.8              | NE 1/4 SW 1/4 SECTION 5 |
| 3                   |    |             |         | 4     | 21.6             | SE 1/4 NW 1/4 SECTION 5 |
| TOTAL               |    |             |         |       | 57.9             |                         |

| WELL NO.1 SUPPLEMENTAL |                  |                         |  |
|------------------------|------------------|-------------------------|--|
| PUMP #                 | IRRIGATION ACRES | LOCATION                |  |
| 3                      | 10               | SE 1/4 SW 1/4 SECTION 5 |  |
| TOTAL                  |                  | 67.9                    |  |

| WELL NO. 2 - PRIMARY |    |             |     |       |                  |                         |
|----------------------|----|-------------|-----|-------|------------------|-------------------------|
| PUMP #               | HP | TYPE        | GPM | METER | IRRIGATION ACRES | LOCATION                |
| 4                    | 15 | SUBMERSIBLE | 160 | 5     | 0.9 *            | NW 1/4 NW 1/4 SECTION 8 |
| 4                    |    |             |     | 5     | 5.8 *            | SW 1/4 NW 1/4 SECTION 8 |
| 3                    |    |             |     |       | 5.0              | SW 1/4 SW 1/4 SECTION 5 |
| TOTAL                |    |             |     |       | 11.5             |                         |

| WELL NO.2 SUPPLEMENTAL |    |      |     |       |                  |                         |
|------------------------|----|------|-----|-------|------------------|-------------------------|
| PUMP #                 | HP | TYPE | GPM | METER | IRRIGATION ACRES | LOCATION                |
| 4                      |    |      |     | 5     | 13.1             | SE 1/4 NW 1/4 SECTION 8 |
| TOTAL                  |    |      |     |       | 24.6             |                         |

\* PREVIOUS CERTIFICATE

I, William R. Tye, Certified Water Right Examiner in the State of Oregon, hereby certify the above final proof map was prepared under my direct supervision.

The preparation of this map is for the purpose of identifying the location of the water right only and has no intent to provide dimensions or locations of property ownership lines.



COBU MAP #0187

|                                                                                       |  |                                                                                       |               |
|---------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------|---------------|
|  |  | TITLE: FINAL PROOF MAP<br>JOB NO: 703-22 TOM STRAND<br>SCALE: 1"=1000'<br>FIELD BOOK: |               |
| D. L. Tye & Son, Inc.<br>725 NW Hill Road, OR 97101<br>503-261-1234                   |  | BY: JLC<br>DATE: 9-27-05<br>GWO: 703-22-8-18-05                                       | SHEET: 1 OF 1 |

0187



Oregon  
Kate Brown, Governor

Water Resources Department  
725 Summer St NE, Suite A  
Salem, OR 97301  
(503) 986-0900  
Fax (503) 986-0904

May 26, 2017

THOMAS STRAND  
18880 NW LONE PINE LANE  
TERREBONNE OR 97760

GW

The Department has accepted the pump test results for the following permitted well(s):

| Application | Water Right       | Permitted Well | Tested Well | Test Date  | Test Status | Exemption | Well Name          |
|-------------|-------------------|----------------|-------------|------------|-------------|-----------|--------------------|
| G 12177     | Permit: G 12561 * | CROO 718       | CROO 718    | 09/22/1999 | Approved    | None      | TOM STRAND WELL #2 |

Please contact me if you have any questions.

Sincerely,

Aurora Bouchier  
Groundwater Section

cc: GW Pump Test File

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MEMORANDUM

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TO: JUSTIN IVERSON, GROUND WATER SECTION  
FROM: CERTIFICATE SECTION – GERRY CLARK  
SUBJECT: SECOND PUMP TEST FOR PERMIT G-12561 APPLICATION G-12177  
DATE: 12/28/2016

The attached pump test for well #2 under the permit was received on September 27, 1999 along with the pump test for well #1. The pump test for well #1 was approved September 28, 2003; copies of the test and approval letter are attached for your reference.

The test for well #2 does not appear to have been reviewed or approved at this point. We are in the process of reviewing this file for certificate issuance and either need to have an approved pump test for well #2 or a multiple well exemption granted.

Please notify me once a determination has been made regarding the pump test for well #2



# Oregon Water Resources Department PUMP TEST COVER SHEET

RECEIVED

SEP 27 1999



## Well Owner:

Name Thomas G. Strand  
Address Rt. 1 Box 53  
City, State, Zip Terrebonne, OR 97760  
County Crook

## Well Location:

Township 14 S (N or S), Range 14 E (E or W)  
Section 8 1/4, 1/4, 1/4 SW, SW, NW  
Well Depth \_\_\_\_\_ Date Drilled \_\_\_\_\_  
Owner's Well No. (if any) Well #2  
POD-ID \_\_\_\_\_

## Water Right Information:

Application No. G-12177 Permit No. G-12561 Certificate No. \_\_\_\_\_  
Is this well used for more than one water right? (Y/N) If Yes, fill out numbers below:  
App. No. \_\_\_\_\_ Permit No. \_\_\_\_\_ Cert. No. \_\_\_\_\_  
App. No. \_\_\_\_\_ Permit No. \_\_\_\_\_ Cert. No. \_\_\_\_\_

## Pump Test:

Test conducted by Martin Georgyfalvy Well Owner? N (Y/N)  
Company Tye Engineering & Surveying  
Address 725 NW Hill St. Date of Test 9/22/99  
City, State, Zip Bend, OR 97701

Method of Discharge Measurement 4" Meter (m<sup>3</sup> Crometer)  
Method of Water Level Measurement electrode  
Depth of Air Line (if used) \_\_\_\_\_  
Pump Type (Turbine, Submersible, etc.) 15 HP Submersible  
Was pump test conducted during normal use of the well no (Y/N)

Description of point from which water level was measured Top of Casing  
Is measuring point above or below ground level? Above  
Distance between measuring point and ground level (correction factor) 1 ft.

Are you aware of any wells, other than domestic or stock wells, pumping within 1000 feet of the tested well during the test or within 24 hours prior to the test? No (Y/N) If yes, give approximate distances to each and approximate pumping rate of each. If possible, indicate if they were turned on or off during the test \_\_\_\_\_

Is there a lake, stream or other surface water body within 1/4 mile of the tested well? Y (Y/N)  
If yes, give approximate distance from the well and approximate elevation difference between the surface water and the well head: Approximate distance 40 feet to irrigation canal  
Approximate elevation difference 8 feet  
Is well elevation above or below the surface water body? Above

Static Water Level Measurements: (Three measurements at least 20 minutes apart are required in the hour before pumping begins):

|                         |                                  |         |
|-------------------------|----------------------------------|---------|
| Time: <u>12:48 p.m.</u> | Depth to Water: <u>166.7 ft.</u> | (ft/in) |
| Time: <u>1:28 p.m.</u>  | Depth to Water: <u>166.7 ft.</u> | (ft/in) |
| Time: <u>1:48 p.m.</u>  | Depth to Water: <u>166.7 ft.</u> | (ft/in) |

Discharge Measurements: (A discharge measurement is required at the start of pumping and once an hour during the test):

|                        |                            |       |
|------------------------|----------------------------|-------|
| Time: <u>1:48 a.m.</u> | Discharge Rate: <u>160</u> | (gpm) |
| Time: <u>2:51 a.m.</u> | Discharge Rate: <u>163</u> | (gpm) |
| Time: <u>3:51 p.m.</u> | Discharge Rate: <u>161</u> | (gpm) |
| Time: _____            | Discharge Rate: _____      | (gpm) |
| Time: _____            | Discharge Rate: _____      | (gpm) |

Pump turned on: Date: 9/22/99 Time: 1:48 p.m. Pump turned off: Date: 9/22/99 Time: 3:51 p.m.  
Total pumping time: 2 hours, 02 minutes.

Note: Well must be idle for at least 16 hours prior to the test.

OWRD 11:50

## PUMP TEST DATA SHEET

Page 1 of 1APPLICATION NO. G-12177PERMIT NO. G-12561P.O.D.-ID Well #2

All water level measurements must either be in 1) feet and inches, or 2) feet and decimal fractions. (Circle one)

| DRAW/DOWN DATA |      |                                   |                                  |                   |                                  |                              | RECOVERY DATA |      |                                   |                                  |                   |                                  |          |
|----------------|------|-----------------------------------|----------------------------------|-------------------|----------------------------------|------------------------------|---------------|------|-----------------------------------|----------------------------------|-------------------|----------------------------------|----------|
| DATE           | TIME | TIME SINCE PUMP STARTED (minutes) | DEPTH TO WATER FROM MEASURING PT | CORRECTION FACTOR | DEPTH TO WATER FROM GROUND LEVEL | COMMENTS<br>Flow Meter (gpm) | DATE          | TIME | TIME SINCE PUMP STOPPED (minutes) | DEPTH TO WATER FROM MEASURING PT | CORRECTION FACTOR | DEPTH TO WATER FROM GROUND LEVEL | COMMENTS |
| 9/2/99         | 1:43 |                                   | 167.7                            | -1 ft.            | 166.7                            | 130000                       |               | 3:51 | 0                                 | 218.3                            | -1 ft.            | 217.3                            |          |
|                | 1:50 | 0:02                              | 173.6                            |                   | 172.6                            | 136900                       |               | 3:53 | 0:02                              | 213.6                            |                   | 212.6                            |          |
|                | 1:52 | 0:04                              | 177.8                            |                   | 176.8                            | 137200                       |               | 3:55 | 0:04                              | 204.7                            |                   | 203.7                            |          |
|                | 1:54 | 0:06                              | 181.7                            |                   | 180.7                            | 137500                       |               | 3:57 | 0:06                              | 199.4                            |                   | 198.4                            |          |
|                | 1:56 | 0:08                              | 185.4                            |                   | 184.4                            | 137550                       |               | 3:59 | 0:08                              | 196.3                            |                   | 195.3                            |          |
|                | 1:58 | 0:10                              | 189.9                            |                   | 188.9                            | 138200                       |               | 4:01 | 0:10                              | 193.8                            |                   | 192.8                            |          |
|                | 2:00 | 0:12                              | 191.1                            |                   | 190.1                            | 138500                       |               | 4:03 | 0:12                              | 192.3                            |                   | 191.3                            |          |
|                | 2:02 | 0:14                              | 193.0                            |                   | 192.0                            | 138500                       |               | 4:05 | 0:14                              | 190.4                            |                   | 189.4                            |          |
|                | 2:04 | 0:16                              | 194.7                            |                   | 193.7                            | 139150                       |               | 4:07 | 0:16                              | 188.7                            |                   | 187.7                            |          |
|                | 2:06 | 0:18                              | 196.0                            |                   | 195.0                            | 139500                       |               | 4:09 | 0:18                              | 187.1                            |                   | 186.1                            |          |
|                | 2:08 | 0:20                              | 197.2                            |                   | 196.2                            | 139800                       |               | 4:11 | 0:20                              | 185.6                            |                   | 184.6                            |          |
|                | 2:10 | 0:22                              | 198.9                            |                   | 197.4                            | 140150                       |               |      |                                   |                                  |                   |                                  |          |
|                | 2:12 | 0:24                              | 200.0                            |                   | 199.0                            | 140500                       |               |      |                                   |                                  |                   |                                  |          |
|                | 2:14 | 0:26                              | 201.2                            |                   | 200.2                            | 140800                       |               |      |                                   |                                  |                   |                                  |          |
|                | 2:16 | 0:28                              | 202.2                            |                   | 201.2                            | 141300                       |               |      |                                   |                                  |                   |                                  |          |
|                | 2:18 | 0:30                              | 203.2                            |                   | 202.2                            | 141800                       |               |      |                                   |                                  |                   |                                  |          |
|                | 2:20 | 0:32                              | 204.2                            |                   | 203.2                            | 142300                       |               |      |                                   |                                  |                   |                                  |          |
|                | 2:22 | 0:34                              | 205.2                            |                   | 204.2                            | 142800                       |               |      |                                   |                                  |                   |                                  |          |
|                | 2:24 | 0:36                              | 206.2                            |                   | 205.2                            | 143300                       |               |      |                                   |                                  |                   |                                  |          |
|                | 2:26 | 0:38                              | 207.2                            |                   | 206.2                            | 143800                       |               |      |                                   |                                  |                   |                                  |          |
|                | 2:28 | 0:40                              | 208.2                            |                   | 207.2                            | 144300                       |               |      |                                   |                                  |                   |                                  |          |
|                | 2:30 | 0:42                              | 209.2                            |                   | 208.2                            | 144800                       |               |      |                                   |                                  |                   |                                  |          |
|                | 2:32 | 0:44                              | 210.2                            |                   | 209.2                            | 145300                       |               |      |                                   |                                  |                   |                                  |          |
|                | 2:34 | 0:46                              | 211.2                            |                   | 210.2                            | 145800                       |               |      |                                   |                                  |                   |                                  |          |
|                | 2:36 | 0:48                              | 212.2                            |                   | 211.2                            | 146300                       |               |      |                                   |                                  |                   |                                  |          |
|                | 2:38 | 0:50                              | 213.1                            |                   | 212.1                            | 147500                       |               |      |                                   |                                  |                   |                                  |          |
|                | 2:40 | 0:52                              | 214.4                            |                   | 213.4                            | 147900                       |               |      |                                   |                                  |                   |                                  |          |
|                | 2:42 | 0:54                              | 215.6                            |                   | 214.6                            | 148300                       |               |      |                                   |                                  |                   |                                  |          |
|                | 2:44 | 0:56                              | 217.2                            |                   | 216.2                            | 149700                       |               |      |                                   |                                  |                   |                                  |          |
|                | 2:46 | 0:58                              | 217.7                            |                   | 216.7                            | 150400                       |               |      |                                   |                                  |                   |                                  |          |
|                | 2:48 | 1:00                              | 218.1                            |                   | 217.1                            | 150900                       |               |      |                                   |                                  |                   |                                  |          |
|                | 2:50 | 1:02                              | 218.3                            |                   | 217.3                            | 151200                       |               |      |                                   |                                  |                   |                                  |          |
|                | 2:52 | 1:04                              | 218.3                            |                   | 217.3                            | 151500                       |               |      |                                   |                                  |                   |                                  |          |
|                |      |                                   |                                  |                   |                                  |                              |               |      |                                   |                                  |                   |                                  |          |
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|                |      |                                   |                                  |                   |                                  |                              |               |      |                                   |                                  |                   |                                  |          |



# Oregon

Theodore R. Kulongoski, Governor

## Water Resources Department

Commerce Building  
158 12th Street NE  
Salem, OR 97301-4172  
503-378-3739  
FAX 503-378-8130

February 28, 2003

Thomas G. Strand  
Rt. 1 Box 53  
Terrebonne, OR 97760

With regard to the pump test requirements for the following well and its associated water rights:

APP. #: G -12177 PERMIT #: G -12561 POD-ID: 37467

The Water Resources Department has reviewed and **accepted the pump test results you have submitted**. The Department requires no further testing of this well at this time. However, you will be required to either submit a static water level measurement or perform another pump test of the well on or about the ten-year anniversary of the test you conducted. I apologize for the delay in responding, but the test was only recently brought to the attention of the appropriate staff.

If your permit or certificate includes conditions requiring annual static water level measurements, and/or annual water use reporting, **please continue to make and report these measurements** unless otherwise instructed in writing by a representative of the Department. Providing this information assures compliance with the conditions of your permit and assists the Department in managing this valuable resource.

If the owner of this well has additional wells that require pump testing, a multiple well exemption may be possible if the following criteria are met. The tested well and the well(s) to be exempted need to be within a five mile radius of each other and must derive water from a common aquifer. The permittee must submit a written request for the exemption, including copies of the well logs or other pertinent information regarding the aquifer penetrated.

We appreciate your cooperation with this program. If you have any questions, please contact me at (503) 378-8455 ext. 207.

Sincerely,

Michael J. Zwart  
Hydrogeologist

cc: Water Rights Section



Oregon Water Resources Department  
**PUMP TEST COVER SHEET**

**RECEIVED**

SEP 27 1999

WATER RESOURCES DEPT.  
SALEM, OREGON



**Well Owner:**

Name Thomas G. Strand  
Address Rt. 1 Box 53  
City, State, Zip Terrebonne, OR 97740  
County Crook Co.

**Well Location:**

Township 14 S (N or S), Range 14 E (E or W)  
Section 8 1/4, 1/4, 1/4 SW, NW, SW  
Well Depth 240' Date Drilled 5/20/88  
Owner's Well No. (if any) Well #1  
POD-ID \_\_\_\_\_

**Water Right Information:**

Application No. G-12177 Permit No. G-12561 Certificate No. \_\_\_\_\_  
Is this well used for more than one water right? N (Y/N) If Yes, fill out numbers below:  
App. No. \_\_\_\_\_ Permit No. \_\_\_\_\_ Cert. No. \_\_\_\_\_  
App. No. \_\_\_\_\_ Permit No. \_\_\_\_\_ Cert. No. \_\_\_\_\_

**Pump Test:**

Test conducted by Martin Gyorgyfalvy Well Owner? N (Y/N)  
Company Tye Engineering & Surveying, Inc.  
Address 725 NW Hill St. Date of Test 9/22/99  
City, State, Zip Bend, OR 97701

Method of Discharge Measurement 4" Meter (M<sup>c</sup>rometer)  
Method of Water Level Measurement electrode  
Depth of Air Line (if used) \_\_\_\_\_  
Pump Type (Turbine, Submersible, etc.) 25 HP Submersible  
Was pump test conducted during normal use of the well no (Y/N)

Description of point from which water level was measured Top of casing  
Is measuring point above or below ground level? Above by 1 ft.  
Distance between measuring point and ground level (correction factor) 1 ft.

Are you aware of any wells, other than domestic or stock wells, pumping within 1000 feet of the tested well during the test or within 24 hours prior to the test? No (Y/N) If yes, give approximate distances to each and approximate pumping rate of each. If possible, indicate if they were turned on or off during the test \_\_\_\_\_

Is there a lake, stream or other surface water body within 1/4 mile of the tested well? Y (Y/N)  
If yes, give approximate distance from the well and approximate elevation difference between the surface water and the well head: Approximate distance 10 feet to irrigation canal  
Approximate elevation difference 7 feet  
Is well elevation above or below the surface water body? Above

**Static Water Level Measurements:** (Three measurements at least 20 minutes apart are required in the hour before pumping begins):

|                         |                                 |         |
|-------------------------|---------------------------------|---------|
| Time: <u>9:50 a.m.</u>  | Depth to Water: <u>99 ft. 1</u> | (ft/in) |
| Time: <u>10:10 a.m.</u> | Depth to Water: <u>99.0 ft.</u> | (ft/in) |
| Time: <u>10:30 a.m.</u> | Depth to Water: <u>99.0 ft.</u> | (ft/in) |

**Discharge Measurements:** (A discharge measurement is required at the start of pumping and once an hour during the test):

|                         |                            |       |
|-------------------------|----------------------------|-------|
| Time: <u>10:30 a.m.</u> | Discharge Rate: <u>390</u> | (gpm) |
| Time: <u>11:30 a.m.</u> | Discharge Rate: <u>375</u> | (gpm) |
| Time: <u>12:30 p.m.</u> | Discharge Rate: <u>373</u> | (gpm) |
| Time: <u>1:30 p.m.</u>  | Discharge Rate: <u>375</u> | (gpm) |
| Time: <u>2:30 p.m.</u>  | Discharge Rate: <u>374</u> | (gpm) |

Pump turned on: Date: 9/22/99 Time: 10:30 a.m. Pump turned off: Date: 9/22/99 Time: 2:30 p.m.  
Total pumping time: 4 hours, 0 minutes.

Note: Well must be idle for at least 16 hours prior to the test.

OWRD 11:50

TOTAL FLOWS

# PUMP TEST DATA SHEET

Page 1 of 1

APPLICATION NO. G-12177

PERMIT NO. G-12561

P.O.D.-ID Well #1

All water level measurements must either be in 1) feet and inches, or 2) feet and decimal fractions. (Circle one)

| DRAWDOWN DATA |       |                                   |                                  |                   |                                  |                               | RECOVERY DATA |      |                                   |                                  |                   |                                  |          |
|---------------|-------|-----------------------------------|----------------------------------|-------------------|----------------------------------|-------------------------------|---------------|------|-----------------------------------|----------------------------------|-------------------|----------------------------------|----------|
| DATE          | TIME  | TIME SINCE PUMP STARTED (minutes) | DEPTH TO WATER FROM MEASURING PT | CORRECTION FACTOR | DEPTH TO WATER FROM GROUND LEVEL | COMMENTS<br>Flow Meter (gal.) | DATE          | TIME | TIME SINCE PUMP STOPPED (minutes) | DEPTH TO WATER FROM MEASURING PT | CORRECTION FACTOR | DEPTH TO WATER FROM GROUND LEVEL | COMMENTS |
| 9/22/99       | 10:30 | 0                                 | 100                              | -14.              | 99                               | 7546800                       | 9/22/99       | 2:30 | 0                                 | 141.5                            | -14.              | 140.8                            |          |
|               | 10:32 | 0:02                              | 131                              |                   | 130                              | 647600                        |               | 2:32 | 0:02                              | 110                              |                   | 109                              |          |
|               | 10:34 | 0:04                              | 132                              |                   | 131                              | 648300                        |               | 2:34 | 0:04                              | 102.8                            |                   | 101.8                            |          |
|               |       | 0:06                              | 132.6                            |                   | 131.6                            | 649100                        |               | 2:36 | 0:06                              | 101.9                            |                   | 100.9                            |          |
|               |       | 0:08                              | 133.6                            |                   | 132.6                            | 649900                        |               | 2:38 | 0:08                              | 101.5                            |                   | 100.5                            |          |
|               |       | 0:10                              | 136.7                            |                   | 135.2                            | 650700                        |               | 2:40 | 0:10                              | 101.3                            |                   | 100.3                            |          |
|               |       | 0:12                              | 139.4                            |                   | 138.4                            | 651500                        |               |      |                                   |                                  |                   |                                  |          |
|               |       | 0:20                              | 140.0                            |                   | 139.0                            | 654400                        |               |      |                                   |                                  |                   |                                  |          |
|               |       | 0:25                              | 140.3                            |                   | 139.3                            | 654300                        |               |      |                                   |                                  |                   |                                  |          |
| 11:00         | 0:30  |                                   | 140.5                            |                   | 139.5                            | 658100                        |               |      |                                   |                                  |                   |                                  |          |
|               | 0:45  |                                   | 141.0                            |                   | 140.0                            | 653800                        |               |      |                                   |                                  |                   |                                  |          |
| 11:30         | 1:00  |                                   | 141.2                            |                   | 140.2                            | 669400                        |               |      |                                   |                                  |                   |                                  |          |
|               | 1:15  |                                   | 141.4                            |                   | 140.4                            | 675000                        |               |      |                                   |                                  |                   |                                  |          |
| 12:00         | 1:30  |                                   | 141.5                            |                   | 140.5                            | 680300                        |               |      |                                   |                                  |                   |                                  |          |
|               | 1:45  |                                   | 141.6                            |                   | 140.6                            | 681300                        |               |      |                                   |                                  |                   |                                  |          |
|               | 2:00  |                                   | 141.6                            |                   | 140.6                            | 681500                        |               |      |                                   |                                  |                   |                                  |          |
|               | 2:15  |                                   | 141.7                            |                   | 140.7                            |                               |               |      |                                   |                                  |                   |                                  |          |
| 1:00          | 2:30  |                                   | 141.7                            |                   | 140.7                            |                               |               |      |                                   |                                  |                   |                                  |          |
|               | 2:45  |                                   | 141.7                            |                   | 140.7                            |                               |               |      |                                   |                                  |                   |                                  |          |
| 1:30          | 3:00  |                                   | 141.8                            |                   | 140.8                            | 714300                        |               |      |                                   |                                  |                   |                                  |          |
|               | 3:15  |                                   | 141.8                            |                   | 140.8                            |                               |               |      |                                   |                                  |                   |                                  |          |
|               | 3:30  |                                   | 141.8                            |                   | 140.8                            |                               |               |      |                                   |                                  |                   |                                  |          |
|               | 3:45  |                                   | 141.8                            |                   | 140.8                            |                               |               |      |                                   |                                  |                   |                                  |          |
| 2:30          | 4:00  |                                   | 141.8                            |                   | 140.8                            | 736750                        |               |      |                                   |                                  |                   |                                  |          |
|               |       |                                   |                                  |                   |                                  |                               |               |      |                                   |                                  |                   |                                  |          |
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**RECEIVED**

SEP 27 1999

WATER RESOURCES DEPT.  
SALEM, OREGON

OWRD 1050



Oregon Water Resources Department  
PUMP TEST COVER SHEET

RECEIVED

SEP 27 1999



Well Owner:

Name Thomas G. Strand  
Address Rt. 1 Box 53  
City, State, Zip Terrebonne, OR 97760  
County Crook

Well Location:

Township 14 S (N or S), Range 14 E (E or W)  
Section 8 1/4, 1/4, 1/4 SW, SW, NW  
Well Depth \_\_\_\_\_ Date Drilled \_\_\_\_\_  
Owner's Well No. (if any) Well #2  
POD-ID \_\_\_\_\_

WATER RESOURCES DEPT.  
SALEM, OREGON

Water Right Information:

Application No. G-12177 Permit No. G-12561 Certificate No. \_\_\_\_\_  
Is this well used for more than one water right? (Y/N) If Yes, fill out numbers below:  
App. No. \_\_\_\_\_ Permit No. \_\_\_\_\_ Cert. No. \_\_\_\_\_  
App. No. \_\_\_\_\_ Permit No. \_\_\_\_\_ Cert. No. \_\_\_\_\_

Pump Test:

Test conducted by Martin Gyorgyfalvy Well Owner? N (Y/N)  
Company Tye Engineering & Surveying  
Address 725 NW Hill St. Date of Test 9/22/99  
City, State, Zip Bend, OR 97701

Method of Discharge Measurement 4" Meter (M<sup>c</sup>rometer)  
Method of Water Level Measurement electrode  
Depth of Air Line (if used) \_\_\_\_\_  
Pump Type (Turbine, Submersible, etc.) 15 HP Submersible  
Was pump test conducted during normal use of the well no (Y/N)

Description of point from which water level was measured Top of Casing  
Is measuring point above or below ground level? Above  
Distance between measuring point and ground level (correction factor) 1 ft.

Are you aware of any wells, other than domestic or stock wells, pumping within 1000 feet of the tested well during the test or within 24 hours prior to the test? No (Y/N) If yes, give approximate distances to each and approximate pumping rate of each. If possible, indicate if they were turned on or off during the test \_\_\_\_\_

Is there a lake, stream or other surface water body within 1/4 mile of the tested well? Y (Y/N)  
If yes, give approximate distance from the well and approximate elevation difference between the surface water and the well head: Approximate distance 40 feet to irrigation canal  
Approximate elevation difference 8 feet  
Is well elevation above or below the surface water body? Above

Static Water Level Measurements: (Three measurements at least 20 minutes apart are required in the hour before pumping begins):

|                         |                                  |         |
|-------------------------|----------------------------------|---------|
| Time: <u>12:48 p.m.</u> | Depth to Water: <u>166.7 ft.</u> | (ft/in) |
| Time: <u>1:28 p.m.</u>  | Depth to Water: <u>166.7 ft.</u> | (ft/in) |
| Time: <u>1:48 p.m.</u>  | Depth to Water: <u>166.7 ft.</u> | (ft/in) |

Discharge Measurements: (A discharge measurement is required at the start of pumping and once an hour during the test):

|                        |                            |       |
|------------------------|----------------------------|-------|
| Time: <u>1:48 p.m.</u> | Discharge Rate: <u>160</u> | (gpm) |
| Time: <u>2:51 p.m.</u> | Discharge Rate: <u>163</u> | (gpm) |
| Time: <u>3:51 p.m.</u> | Discharge Rate: <u>161</u> | (gpm) |
| Time: _____            | Discharge Rate: _____      | (gpm) |
| Time: _____            | Discharge Rate: _____      | (gpm) |

Pump turned on: Date: 9/22/99 Time: 1:48 p.m. Pump turned off: Date: 9/22/99 Time: 3:51 p.m.  
Total pumping time: 2 hours, 02 minutes.

Note: Well must be idle for at least 16 hours prior to the test.

## PUMP TEST DATA SHEET

APPLICATION NO. G-12177

PERMIT NO. G-12561

P.O.D.-ID Well #2

All water level measurements must either be in 1) feet and inches, or 2) feet and decimal fractions. (Circle one)

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WATER RESOURCES DEPT.  
SALEM, OREGON



# Oregon

Theodore R. Kulongoski, Governor

## Water Resources Department

Commerce Building  
158 12th Street NE  
Salem, OR 97301-4172  
503-378-3739  
FAX 503-378-8130

February 28, 2003

Thomas G. Strand  
Rt. 1 Box 53  
Terrebonne, OR 97760

With regard to the pump test requirements for the following well and its associated water rights:

**APP. #: G -12177 PERMIT #: G -12561 POD-ID: 37467**

The Water Resources Department has reviewed and **accepted the pump test results you have submitted**. The Department requires no further testing of this well at this time. However, you will be required to either submit a static water level measurement or perform another pump test of the well on or about the ten-year anniversary of the test you conducted. I apologize for the delay in responding, but the test was only recently brought to the attention of the appropriate staff.

If your permit or certificate includes conditions requiring annual static water level measurements, and/or annual water use reporting, **please continue to make and report these measurements** unless otherwise instructed in writing by a representative of the Department. Providing this information assures compliance with the conditions of your permit and assists the Department in managing this valuable resource.

If the owner of this well has additional wells that require pump testing, a multiple well exemption may be possible if the following criteria are met. The tested well and the well(s) to be exempted need to be within a five mile radius of each other and must derive water from a common aquifer. The permittee must submit a written request for the exemption, including copies of the well logs or other pertinent information regarding the aquifer penetrated.

We appreciate your cooperation with this program. If you have any questions, please contact me at (503) 378-8455 ext. 207.

Sincerely,

Michael J. Zwart  
Hydrogeologist

cc: Water Rights Section



Oregon Water Resources Department  
PUMP TEST COVER SHEET

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WATER RESOURCES DEPT.  
SALEM, OREGON



Well Owner:

Name Thomas G. Strand  
Address Rt. 1 Box 53  
City, State, Zip Terrebonne, OR 97760  
County Crook Co.

Well Location:

Township 14 S (N or S), Range 14 E (E or W)  
Section 8 1/4, 1/4, 1/4 SW, NW, SW  
Well Depth 240' Date Drilled 5/20/88  
Owner's Well No. (if any) Well #1  
POD-ID \_\_\_\_\_

Water Right Information:

Application No. G-12177 Permit No. G-12561 Certificate No. \_\_\_\_\_  
Is this well used for more than one water right? N (Y/N) If Yes, fill out numbers below:  
App. No. \_\_\_\_\_ Permit No. \_\_\_\_\_ Cert. No. \_\_\_\_\_  
App. No. \_\_\_\_\_ Permit No. \_\_\_\_\_ Cert. No. \_\_\_\_\_

Pump Test:

Test conducted by Martin Gyrogyfalvy Well Owner? N (Y/N)  
Company Tye Engineering & Surveying, Inc.  
Address 725 NW Hill St. Date of Test 9/22/99  
City, State, Zip Bend, OR 97701

Method of Discharge Measurement 4" Meter (Mcrometer)  
Method of Water Level Measurement electrode  
Depth of Air Line (if used) \_\_\_\_\_  
Pump Type (Turbine, Submersible, etc.) 25 HP Submersible  
Was pump test conducted during normal use of the well no (Y/N)

Description of point from which water level was measured Top of casing  
Is measuring point above or below ground level? Above by 1 ft.  
Distance between measuring point and ground level (correction factor) 1 ft.

Are you aware of any wells, other than domestic or stock wells, pumping within 1000 feet of the tested well during the test or within 24 hours prior to the test? No (Y/N) If yes, give approximate distances to each and approximate pumping rate of each. If possible, indicate if they were turned on or off during the test \_\_\_\_\_

Is there a lake, stream or other surface water body within 1/4 mile of the tested well? Y (Y/N)  
If yes, give approximate distance from the well and approximate elevation difference between the surface water and the well head: Approximate distance 10 feet to irrigation canal  
Approximate elevation difference 7 feet  
Is well elevation above or below the surface water body? Above

Static Water Level Measurements: (Three measurements at least 20 minutes apart are required in the hour before pumping begins):

|                         |                                 |         |
|-------------------------|---------------------------------|---------|
| Time: <u>9:50 a.m.</u>  | Depth to Water: <u>99 ft.</u>   | (ft/in) |
| Time: <u>10:10 a.m.</u> | Depth to Water: <u>99.0 ft.</u> | (ft/in) |
| Time: <u>10:30 a.m.</u> | Depth to Water: <u>99.0 ft.</u> | (ft/in) |

Discharge Measurements: (A discharge measurement is required at the start of pumping and once an hour during the test):

|                         |                            |       |
|-------------------------|----------------------------|-------|
| Time: <u>10:30 a.m.</u> | Discharge Rate: <u>390</u> | (gpm) |
| Time: <u>11:30 a.m.</u> | Discharge Rate: <u>375</u> | (gpm) |
| Time: <u>12:30 p.m.</u> | Discharge Rate: <u>373</u> | (gpm) |
| Time: <u>1:30 p.m.</u>  | Discharge Rate: <u>375</u> | (gpm) |
| Time: <u>2:30 p.m.</u>  | Discharge Rate: <u>374</u> | (gpm) |

Pump turned on: Date: 9/22/99 Time: 10:30 a.m. Pump turned off: Date: 9/22/99 Time: 2:30 p.m.  
Total pumping time: 4 hours, 0 minutes.

Note: Well must be idle for at least 16 hours prior to the test.

OWRD 11:50

TOTAL PUMP

## PUMP TEST DATA SHEET

Page 1 of 1APPLICATION NO. G-12177PERMIT NO. G-12561P.O.D.-ID Well #1

All water level measurements must either be in 1) feet and inches, or 2) feet and decimal fractions. (Circle one)

## DRAWDOWN DATA

## RECOVERY DATA

| DATE    | TIME       | TIME SINCE<br>PUMP STARTED<br>(minutes) | DEPTH TO<br>WATER FROM<br>MEASURING PT | CORRECTION<br>FACTOR | DEPTH TO<br>WATER FROM<br>GROUND LEVEL | COMMENTS<br>Flow Meter<br>(gal.) | DATE    | TIME | TIME SINCE<br>PUMP STOPPED<br>(minutes) | DEPTH TO<br>WATER FROM<br>MEASURING PT | CORRECTION<br>FACTOR | DEPTH TO<br>WATER FROM<br>GROUND LEVEL | COMMENTS |
|---------|------------|-----------------------------------------|----------------------------------------|----------------------|----------------------------------------|----------------------------------|---------|------|-----------------------------------------|----------------------------------------|----------------------|----------------------------------------|----------|
| 9/22/99 | 10:30      | 0                                       | 100                                    | -1 ft.               | 99                                     | 75646300                         | 9/22/99 | 2:30 | 0                                       | 141.8                                  | -1 ft.               | 140.8                                  |          |
|         | 10:32      | 0:02                                    | 131                                    |                      | 130                                    | 647600                           |         | 2:32 | 0:02                                    | 110                                    |                      | 109                                    |          |
|         | 10:34      | 0:04                                    | 132                                    |                      | 131                                    | 648300                           |         | 2:34 | 0:04                                    | 102.8                                  |                      | 101.8                                  |          |
|         |            | 0:06                                    | 132.6                                  |                      | 131.6                                  | 649100                           |         | 2:36 | 0:06                                    | 101.9                                  |                      | 100.9                                  |          |
|         |            | 0:08                                    | 133.6                                  |                      | 132.6                                  | 649900                           |         | 2:38 | 0:08                                    | 101.5                                  |                      | 100.5                                  |          |
|         |            | 0:10                                    | 136.7                                  |                      | 135.2                                  | 650700                           |         | 2:40 | 0:10                                    | 101.3                                  |                      | 100.3                                  |          |
|         |            | 0:15                                    | 139.4                                  |                      | 138.4                                  | 651500 / 710 gal.                |         |      |                                         |                                        |                      |                                        |          |
|         |            | 0:20                                    | 140.0                                  |                      | 139.0                                  | 654400                           |         |      |                                         |                                        |                      |                                        |          |
|         |            | 0:25                                    | 140.3                                  |                      | 139.3                                  | 654300                           |         |      |                                         |                                        |                      |                                        |          |
|         | 11:00      | 0:30                                    | 140.5                                  |                      | 139.5                                  | 658100                           |         |      |                                         |                                        |                      |                                        |          |
|         |            | 0:45                                    | 141.0                                  |                      | 140.0                                  | 663800                           |         |      |                                         |                                        |                      |                                        |          |
|         | 11:30      | 1:00                                    | 141.2                                  |                      | 140.2                                  | 669400 / 375 gal.                |         |      |                                         |                                        |                      |                                        |          |
|         |            | 1:15                                    | 141.4                                  |                      | 140.4                                  | 675000                           |         |      |                                         |                                        |                      |                                        |          |
|         | 12:00 p.m. | 1:30                                    | 141.5                                  |                      | 140.5                                  | 680500                           |         |      |                                         |                                        |                      |                                        |          |
|         |            | 1:45                                    | 141.6                                  |                      | 140.6                                  | 686300                           |         |      |                                         |                                        |                      |                                        |          |
|         |            | 2:00                                    | 141.6                                  |                      | 140.6                                  | 691800 / 375 gal.                |         |      |                                         |                                        |                      |                                        |          |
|         |            | 2:15                                    | 141.7                                  |                      | 140.7                                  |                                  |         |      |                                         |                                        |                      |                                        |          |
|         | 1:00 p.m.  | 2:30                                    | 141.7                                  |                      | 140.7                                  |                                  |         |      |                                         |                                        |                      |                                        |          |
|         |            | 2:45                                    | 141.7                                  |                      | 140.7                                  |                                  |         |      |                                         |                                        |                      |                                        |          |
|         | 1:30 p.m.  | 3:00                                    | 141.8                                  |                      | 140.8                                  | 714300 / 375 gal.                |         |      |                                         |                                        |                      |                                        |          |
|         |            | 3:15                                    | 141.8                                  |                      | 140.8                                  |                                  |         |      |                                         |                                        |                      |                                        |          |
|         |            | 3:30                                    | 141.8                                  |                      | 140.8                                  |                                  |         |      |                                         |                                        |                      |                                        |          |
|         |            | 3:45                                    | 141.8                                  |                      | 140.8                                  |                                  |         |      |                                         |                                        |                      |                                        |          |
|         | 2:30       | 4:00                                    | 141.8                                  |                      | 140.8                                  | 736750 / 375 gal.                |         |      |                                         |                                        |                      |                                        |          |

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WATER RESOURCES DEPT.  
SALEM, OREGON

OWRD 10/90



# WELL NO. 1 PUMP NO. 1 Oregon Water Resources Department PUMP TEST COVER SHEET

CROO 717



## Well Owner:

Name Thomas G. Strand  
Address Rt. 1 Box 53  
City, State, Zip Terrebonne, OR 97760  
County Crook Co.

## Well Location:

Township 14 S (N or S), Range 14 E (E or W)  
Section 8 1/4, 1/4, 1/4 SW, NW, SW  
Well Depth 240' Date Drilled 5/20/88  
Owner's Well No. (if any) Well #1  
POD-ID \_\_\_\_\_

## Water Right Information:

Application No. G-12177 Permit No. G-12561 Certificate No. \_\_\_\_\_  
Is this well used for more than one water right? N (Y/N) If Yes, fill out numbers below:  
App. No. \_\_\_\_\_ Permit No. \_\_\_\_\_ Cert. No. \_\_\_\_\_  
App. No. \_\_\_\_\_ Permit No. \_\_\_\_\_ Cert. No. \_\_\_\_\_

## Pump Test:

Test conducted by Martin Gyorgyfalvy Well Owner? N (Y/N)  
Company Tye Engineering & Surveying, Inc.  
Address 725 NW Hill St. Date of Test 9/22/99  
City, State, Zip Bend, OR 97701

Method of Discharge Measurement 4" Meter (Mcrometer)  
Method of Water Level Measurement electrode  
Depth of Air Line (if used) \_\_\_\_\_  
Pump Type (Turbine, Submersible, etc.) 25 HP Submersible  
Was pump test conducted during normal use of the well no (Y/N)

Description of point from which water level was measured Top of casing  
Is measuring point above or below ground level? Above by 1 ft.  
Distance between measuring point and ground level (correction factor) 1 ft.

Are you aware of any wells, other than domestic or stock wells, pumping within 1000 feet of the tested well during the test or within 24 hours prior to the test? No (Y/N) If yes, give approximate distances to each and approximate pumping rate of each. If possible, indicate if they were turned on or off during the test \_\_\_\_\_

Is there a lake, stream or other surface water body within 1/4 mile of the tested well? Y (Y/N)  
If yes, give approximate distance from the well and approximate elevation difference between the surface water and the well head: Approximate distance 10 feet to irrigation canal  
Approximate elevation difference 7 feet  
Is well elevation above or below the surface water body? Above

Static Water Level Measurements: (Three measurements at least 20 minutes apart are required in the hour before pumping begins):

|                         |                                 |         |
|-------------------------|---------------------------------|---------|
| Time: <u>9:50 a.m.</u>  | Depth to Water: <u>99 ft.</u>   | (11/in) |
| Time: <u>10:10 a.m.</u> | Depth to Water: <u>99.0 ft.</u> | (11/in) |
| Time: <u>10:30 a.m.</u> | Depth to Water: <u>99.0 ft.</u> | (11/in) |

Discharge Measurements: (A discharge measurement is required at the start of pumping and once an hour during the test):

|                         |                            |       |
|-------------------------|----------------------------|-------|
| Time: <u>10:30 a.m.</u> | Discharge Rate: <u>390</u> | (gpm) |
| Time: <u>11:30 a.m.</u> | Discharge Rate: <u>375</u> | (gpm) |
| Time: <u>12:30 p.m.</u> | Discharge Rate: <u>373</u> | (gpm) |
| Time: <u>1:30 p.m.</u>  | Discharge Rate: <u>375</u> | (gpm) |
| Time: <u>2:30 p.m.</u>  | Discharge Rate: <u>374</u> | (gpm) |

Pump turned on: Date: 9/22/99 Time: 10:30 a.m. Pump turned off: Date: 9/22/99 Time: 2:30 p.m.  
Total pumping time: 4 hours, 0 minutes.

Note: Well must be idle for at least 16 hours prior to the test.

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WATER RESOURCES DEPT  
SALEM, OREGON

## PUMP TEST DATA SHEET

APPLICATION NO. G-12177PERMIT NO. G-12561P.O.D.-ID Well #1

All water level measurements must either be in 1) feet and inches, or 2) feet and decimal fractions. (Circle one)

| DRAWDOWN DATA |       |                                   |                                  |                   |                                  |                              | RECOVERY DATA |      |                                   |                                  |                   |                                  |          |
|---------------|-------|-----------------------------------|----------------------------------|-------------------|----------------------------------|------------------------------|---------------|------|-----------------------------------|----------------------------------|-------------------|----------------------------------|----------|
| DATE          | TIME  | TIME SINCE PUMP STARTED (minutes) | DEPTH TO WATER FROM MEASURING PT | CORRECTION FACTOR | DEPTH TO WATER FROM GROUND LEVEL | COMMENTS<br>Flow Meter (gpm) | DATE          | TIME | TIME SINCE PUMP STOPPED (minutes) | DEPTH TO WATER FROM MEASURING PT | CORRECTION FACTOR | DEPTH TO WATER FROM GROUND LEVEL | COMMENTS |
| 9/22/04       | 10:30 | 0                                 | 100                              | -14.1             | 99                               | 6564000                      | 9/22/04       | 2:30 | 0                                 | 141.5                            | -14.1             | 140.8                            |          |
|               | 10:32 | 0:02                              | 131                              |                   | 130                              | 647600                       |               | 2:32 | 0:02                              | 110                              |                   | 109                              |          |
|               | 10:34 | 0:04                              | 132                              |                   | 131                              | 648300                       |               | 2:34 | 0:04                              | 102.8                            |                   | 101.9                            |          |
|               |       | 0:06                              | 132.6                            |                   | 131.6                            | 649100                       |               | 2:36 | 0:06                              | 101.9                            |                   | 100.9                            |          |
|               |       | 0:08                              | 133.6                            |                   | 132.6                            | 649900                       |               | 2:38 | 0:08                              | 101.5                            |                   | 100.5                            |          |
|               |       | 0:10                              | 134.6                            |                   | 133.6                            | 650700                       |               | 2:40 | 0:10                              | 101.3                            |                   | 100.3                            |          |
|               |       | 0:12                              | 135.6                            |                   | 134.6                            | 651500                       |               |      |                                   |                                  |                   |                                  |          |
|               |       | 0:14                              | 136.6                            |                   | 135.6                            | 652300                       |               |      |                                   |                                  |                   |                                  |          |
|               |       | 0:16                              | 137.6                            |                   | 136.6                            | 653100                       |               |      |                                   |                                  |                   |                                  |          |
|               |       | 0:18                              | 138.6                            |                   | 137.6                            | 653900                       |               |      |                                   |                                  |                   |                                  |          |
|               |       | 0:20                              | 139.6                            |                   | 138.6                            | 654700                       |               |      |                                   |                                  |                   |                                  |          |
|               |       | 0:22                              | 140.6                            |                   | 139.6                            | 655500                       |               |      |                                   |                                  |                   |                                  |          |
|               |       | 0:24                              | 141.6                            |                   | 140.6                            | 656300                       |               |      |                                   |                                  |                   |                                  |          |
|               |       | 0:26                              | 142.6                            |                   | 141.6                            | 657100                       |               |      |                                   |                                  |                   |                                  |          |
|               |       | 0:28                              | 143.6                            |                   | 142.6                            | 657900                       |               |      |                                   |                                  |                   |                                  |          |
|               |       | 0:30                              | 144.6                            |                   | 143.6                            | 658700                       |               |      |                                   |                                  |                   |                                  |          |
|               |       | 0:32                              | 145.6                            |                   | 144.6                            | 659500                       |               |      |                                   |                                  |                   |                                  |          |
|               |       | 0:34                              | 146.6                            |                   | 145.6                            | 660300                       |               |      |                                   |                                  |                   |                                  |          |
|               |       | 0:36                              | 147.6                            |                   | 146.6                            | 661100                       |               |      |                                   |                                  |                   |                                  |          |
|               |       | 0:38                              | 148.6                            |                   | 147.6                            | 661900                       |               |      |                                   |                                  |                   |                                  |          |
|               |       | 0:40                              | 149.6                            |                   | 148.6                            | 662700                       |               |      |                                   |                                  |                   |                                  |          |
|               |       | 0:42                              | 150.6                            |                   | 149.6                            | 663500                       |               |      |                                   |                                  |                   |                                  |          |
|               |       | 0:44                              | 151.6                            |                   | 150.6                            | 664300                       |               |      |                                   |                                  |                   |                                  |          |
|               |       | 0:46                              | 152.6                            |                   | 151.6                            | 665100                       |               |      |                                   |                                  |                   |                                  |          |
|               |       | 0:48                              | 153.6                            |                   | 152.6                            | 665900                       |               |      |                                   |                                  |                   |                                  |          |
|               |       | 0:50                              | 154.6                            |                   | 153.6                            | 666700                       |               |      |                                   |                                  |                   |                                  |          |
|               |       | 0:52                              | 155.6                            |                   | 154.6                            | 667500                       |               |      |                                   |                                  |                   |                                  |          |
|               |       | 0:54                              | 156.6                            |                   | 155.6                            | 668300                       |               |      |                                   |                                  |                   |                                  |          |
|               |       | 0:56                              | 157.6                            |                   | 156.6                            | 669100                       |               |      |                                   |                                  |                   |                                  |          |
|               |       | 0:58                              | 158.6                            |                   | 157.6                            | 669900                       |               |      |                                   |                                  |                   |                                  |          |
|               |       | 1:00                              | 159.6                            |                   | 158.6                            | 670700                       |               |      |                                   |                                  |                   |                                  |          |
|               |       | 1:02                              | 160.6                            |                   | 159.6                            | 671500                       |               |      |                                   |                                  |                   |                                  |          |
|               |       | 1:04                              | 161.6                            |                   | 160.6                            | 672300                       |               |      |                                   |                                  |                   |                                  |          |
|               |       | 1:06                              | 162.6                            |                   | 161.6                            | 673100                       |               |      |                                   |                                  |                   |                                  |          |
|               |       | 1:08                              | 163.6                            |                   | 162.6                            | 673900                       |               |      |                                   |                                  |                   |                                  |          |
|               |       | 1:10                              | 164.6                            |                   | 163.6                            | 674700                       |               |      |                                   |                                  |                   |                                  |          |
|               |       | 1:12                              | 165.6                            |                   | 164.6                            | 675500                       |               |      |                                   |                                  |                   |                                  |          |
|               |       | 1:14                              | 166.6                            |                   | 165.6                            | 676300                       |               |      |                                   |                                  |                   |                                  |          |
|               |       | 1:16                              | 167.6                            |                   | 166.6                            | 677100                       |               |      |                                   |                                  |                   |                                  |          |
|               |       | 1:18                              | 168.6                            |                   | 167.6                            | 677900                       |               |      |                                   |                                  |                   |                                  |          |
|               |       | 1:20                              | 169.6                            |                   | 168.6                            | 678700                       |               |      |                                   |                                  |                   |                                  |          |
|               |       | 1:22                              | 170.6                            |                   | 169.6                            | 679500                       |               |      |                                   |                                  |                   |                                  |          |
|               |       | 1:24                              | 171.6                            |                   | 170.6                            | 680300                       |               |      |                                   |                                  |                   |                                  |          |
|               |       | 1:26                              | 172.6                            |                   | 171.6                            | 681100                       |               |      |                                   |                                  |                   |                                  |          |
|               |       | 1:28                              | 173.6                            |                   | 172.6                            | 681900                       |               |      |                                   |                                  |                   |                                  |          |
|               |       | 1:30                              | 174.6                            |                   | 173.6                            | 682700                       |               |      |                                   |                                  |                   |                                  |          |
|               |       | 1:32                              | 175.6                            |                   | 174.6                            | 683500                       |               |      |                                   |                                  |                   |                                  |          |
|               |       | 1:34                              | 176.6                            |                   | 175.6                            | 684300                       |               |      |                                   |                                  |                   |                                  |          |
|               |       | 1:36                              | 177.6                            |                   | 176.6                            | 685100                       |               |      |                                   |                                  |                   |                                  |          |
|               |       | 1:38                              | 178.6                            |                   | 177.6                            | 685900                       |               |      |                                   |                                  |                   |                                  |          |
|               |       | 1:40                              | 179.6                            |                   | 178.6                            | 686700                       |               |      |                                   |                                  |                   |                                  |          |
|               |       | 1:42                              | 180.6                            |                   | 179.6                            | 687500                       |               |      |                                   |                                  |                   |                                  |          |
|               |       | 1:44                              | 181.6                            |                   | 180.6                            | 688300                       |               |      |                                   |                                  |                   |                                  |          |
|               |       | 1:46                              | 182.6                            |                   | 181.6                            | 689100                       |               |      |                                   |                                  |                   |                                  |          |
|               |       | 1:48                              | 183.6                            |                   | 182.6                            | 689900                       |               |      |                                   |                                  |                   |                                  |          |
|               |       | 1:50                              | 184.6                            |                   | 183.6                            | 690700                       |               |      |                                   |                                  |                   |                                  |          |
|               |       | 1:52                              | 185.6                            |                   | 184.6                            | 691500                       |               |      |                                   |                                  |                   |                                  |          |
|               |       | 1:54                              | 186.6                            |                   | 185.6                            | 692300                       |               |      |                                   |                                  |                   |                                  |          |
|               |       | 1:56                              | 187.6                            |                   | 186.6                            | 693100                       |               |      |                                   |                                  |                   |                                  |          |
|               |       | 1:58                              | 188.6                            |                   | 187.6                            | 693900                       |               |      |                                   |                                  |                   |                                  |          |
|               |       | 2:00                              | 189.6                            |                   | 188.6                            | 694700                       |               |      |                                   |                                  |                   |                                  |          |
|               |       | 2:02                              | 190.6                            |                   | 189.6                            | 695500                       |               |      |                                   |                                  |                   |                                  |          |
|               |       | 2:04                              | 191.6                            |                   | 190.6                            | 696300                       |               |      |                                   |                                  |                   |                                  |          |
|               |       | 2:06                              | 192.6                            |                   | 191.6                            | 697100                       |               |      |                                   |                                  |                   |                                  |          |
|               |       | 2:08                              | 193.6                            |                   | 192.6                            | 697900                       |               |      |                                   |                                  |                   |                                  |          |
|               |       | 2:10                              | 194.6                            |                   | 193.6                            | 698700                       |               |      |                                   |                                  |                   |                                  |          |
|               |       | 2:12                              | 195.6                            |                   | 194.6                            | 699500                       |               |      |                                   |                                  |                   |                                  |          |
|               |       | 2:14                              | 196.6                            |                   | 195.6                            | 700300                       |               |      |                                   |                                  |                   |                                  |          |
|               |       | 2:16                              | 197.6                            |                   | 196.6                            | 701100                       |               |      |                                   |                                  |                   |                                  |          |
|               |       | 2:18                              | 198.6                            |                   | 197.6                            | 701900                       |               |      |                                   |                                  |                   |                                  |          |
|               |       | 2:20                              | 199.6                            |                   | 198.6                            | 702700                       |               |      |                                   |                                  |                   |                                  |          |
|               |       | 2:22                              | 200.6                            |                   | 199.6                            | 703500                       |               |      |                                   |                                  |                   |                                  |          |
|               |       | 2:24                              | 201.6                            |                   | 200.6                            | 704300                       |               |      |                                   |                                  |                   |                                  |          |
|               |       | 2:26                              | 202.6                            |                   | 201.6                            | 705100                       |               |      |                                   |                                  |                   |                                  |          |
|               |       | 2:28                              | 203.6                            |                   | 202.6                            | 705900                       |               |      |                                   |                                  |                   |                                  |          |
|               |       | 2:30                              | 204.6                            |                   | 203.6                            | 706700                       |               |      |                                   |                                  |                   |                                  |          |
|               |       | 2:32                              | 205.6                            |                   | 204.6                            | 707500                       |               |      |                                   |                                  |                   |                                  |          |
|               |       | 2:34                              | 206.6                            |                   | 205.6                            | 708300                       |               |      |                                   |                                  |                   |                                  |          |
|               |       | 2:36                              | 207.6                            |                   | 206.6                            | 709100                       |               |      |                                   |                                  |                   |                                  |          |
|               |       | 2:38                              | 208.6                            |                   | 207.6                            | 709900                       |               |      |                                   |                                  |                   |                                  |          |
|               |       | 2:40                              | 209.6                            |                   | 208.6                            | 710700                       |               |      |                                   |                                  |                   |                                  |          |
|               |       | 2:42                              | 210.6                            |                   | 209.6                            | 711500                       |               |      |                                   |                                  |                   |                                  |          |
|               |       | 2:44                              | 211.6                            |                   | 210.6                            | 712300                       |               |      |                                   |                                  |                   |                                  |          |
|               |       | 2:46                              | 212.6                            |                   | 211.6                            | 713100                       |               |      |                                   |                                  |                   |                                  |          |
|               |       | 2:48                              | 213.6                            |                   | 212.6                            | 713900                       |               |      |                                   |                                  |                   |                                  |          |
|               |       | 2:50                              | 214.6                            |                   | 213.6                            | 714700                       |               |      |                                   |                                  |                   |                                  |          |
|               |       | 2:52                              | 215.6                            |                   | 214.6                            | 715500                       |               |      |                                   |                                  |                   |                                  |          |
|               |       | 2:54                              | 216.6                            |                   | 215.6                            | 716300                       |               |      |                                   |                                  |                   |                                  |          |
|               |       | 2:56                              | 217.6                            |                   | 216.6                            | 717100                       |               |      |                                   |                                  |                   |                                  |          |
|               |       | 2:58                              | 218.6                            |                   | 217.6                            | 717900                       |               |      |                                   |                                  |                   |                                  |          |
|               |       | 3:00                              | 219.6                            |                   | 218.6                            | 718700                       |               |      |                                   |                                  |                   |                                  |          |
|               |       | 3:02                              | 220.6                            |                   | 219.6                            | 719500                       |               |      |                                   |                                  |                   |                                  |          |
|               |       | 3:04                              | 221.6                            |                   | 220.6                            | 720300                       |               |      |                                   |                                  |                   |                                  |          |
|               |       | 3:06                              | 222.6                            |                   | 221.6                            | 721100                       |               |      |                                   |                                  |                   |                                  |          |
|               |       | 3:08                              | 223.6                            |                   | 222.6                            | 721900                       |               |      |                                   |                                  |                   |                                  |          |
|               |       | 3:10                              | 224.6                            |                   | 223.6                            | 722700                       |               |      |                                   |                                  |                   |                                  |          |
|               |       | 3:12                              | 225.6                            |                   | 224.6                            | 723500                       |               |      |                                   |                                  |                   |                                  |          |
|               |       | 3:14                              | 226.6                            |                   | 225.6                            | 724300                       |               |      |                                   |                                  |                   |                                  |          |
|               |       | 3:16                              | 227.6                            |                   | 226.6                            | 725100                       |               |      |                                   |                                  |                   |                                  |          |
|               |       | 3:18                              | 228.6                            |                   | 227.6                            | 725900                       |               |      |                                   |                                  |                   |                                  |          |
|               |       | 3:20                              | 229.6                            |                   | 228.6                            | 726700                       |               |      |                                   |                                  |                   |                                  |          |
|               |       | 3:22                              | 230.6                            |                   | 229.6                            | 727500                       |               |      |                                   |                                  |                   |                                  |          |
|               |       | 3:24                              | 231.6                            |                   | 230.6                            | 728300                       |               |      |                                   |                                  |                   |                                  |          |
|               |       | 3:26                              | 232.6                            |                   | 231.6                            | 729100                       |               |      |                                   |                                  |                   |                                  |          |
|               |       | 3:28                              | 233.6                            |                   | 232.6                            | 729900                       |               |      |                                   |                                  |                   |                                  |          |
|               |       | 3:30                              | 234.6                            |                   | 233.6                            | 730700                       |               |      |                                   |                                  |                   |                                  |          |
|               |       | 3:32                              | 235.6                            |                   | 234.6                            | 731500                       |               |      |                                   |                                  |                   |                                  |          |
|               |       | 3:34                              | 236.6                            |                   | 235.6                            | 732300                       |               |      |                                   |                                  |                   |                                  |          |
|               |       | 3:36                              | 237.6                            |                   | 236.6                            | 733100                       |               |      |                                   |                                  |                   |                                  |          |
|               |       | 3:38                              | 238.6                            |                   | 237.6                            | 733900                       |               |      |                                   |                                  |                   |                                  |          |
|               |       | 3:40                              | 239.6                            |                   | 238.6                            | 734700                       |               |      |                                   |                                  |                   |                                  |          |
|               |       | 3:42                              | 240.6                            |                   | 239.6                            | 735500                       |               |      |                                   |                                  |                   |                                  |          |
|               |       | 3:44                              | 241.6                            |                   | 240.6                            | 736300                       |               |      |                                   |                                  |                   |                                  |          |
|               |       | 3:46                              | 242.6                            |                   | 241.6                            | 737100                       |               |      |                                   |                                  |                   |                                  |          |
|               |       | 3:48                              | 243.6                            |                   | 242.6                            | 737900                       |               |      |                                   |                                  |                   |                                  |          |
|               |       | 3:50                              | 244.6                            |                   | 243.6                            | 738700                       |               |      |                                   |                                  |                   |                                  |          |
|               |       | 3:52                              | 245.6                            |                   | 244.6                            | 739500                       |               |      |                                   |                                  |                   |                                  |          |
|               |       | 3:54                              | 246.6                            |                   | 245.6                            | 740300                       |               |      |                                   |                                  |                   |                                  |          |
|               |       | 3:56                              | 247.6                            |                   | 246.6                            | 741100                       |               |      |                                   |                                  |                   |                                  |          |
|               |       | 3:58                              | 248.6                            |                   | 247.6                            | 741900                       |               |      |                                   |                                  |                   |                                  |          |
|               |       | 4:00                              | 249.6                            |                   | 248.6                            | 742700                       |               |      |                                   |                                  |                   |                                  |          |
|               |       | 4:02                              | 250.6                            |                   | 249.6                            | 743500                       |               |      |                                   |                                  |                   |                                  |          |
|               |       | 4:04                              | 251.6                            |                   | 250.6                            | 744300                       |               |      |                                   |                                  |                   |                                  |          |
|               |       | 4:06                              | 252.6                            |                   | 251.6                            | 745100                       |               |      |                                   |                                  |                   |                                  |          |
|               |       | 4:08                              | 253.6                            |                   | 252.6                            | 745900                       |               |      |                                   |                                  |                   |                                  |          |
|               |       | 4:10                              | 254.6                            |                   | 253.6                            | 746700                       |               |      |                                   |                                  |                   |                                  |          |
|               |       | 4:12                              | 255.6                            |                   | 254.6                            | 747500                       |               |      |                                   |                                  |                   |                                  |          |
|               |       | 4:14                              | 256.6                            |                   | 255.6                            | 748300                       |               |      |                                   |                                  |                   |                                  |          |
|               |       | 4:16                              | 257.6                            |                   | 256.6                            | 749100                       |               |      |                                   |                                  |                   |                                  |          |
|               |       | 4:18                              | 258.6                            |                   | 257.6                            | 749900                       |               |      |                                   |                                  |                   |                                  |          |
|               |       | 4:20                              | 259.6                            |                   | 258.6                            | 750700                       |               |      |                                   |                                  |                   |                                  |          |
|               |       | 4:22                              | 260.6                            |                   | 259.6                            | 751500                       |               |      |                                   |                                  |                   |                                  |          |
|               |       | 4:24                              | 261.6                            |                   | 260.6                            | 752300                       |               |      |                                   |                                  |                   |                                  |          |
|               |       | 4:26                              | 262.6                            |                   | 261.6                            | 753100                       |               |      |                                   |                                  |                   |                                  |          |
|               |       | 4:28                              | 263.6                            |                   | 262.6                            | 753900                       |               |      |                                   |                                  |                   |                                  |          |



WELL NO. 2  
PUMP # 4  
Oregon Water Resources Department  
PUMP TEST COVER SHEET

RECEIVED

SEP 29 2005



Well Owner:

Name Thomas G. Strand  
Address Rt. 1 Box 53  
City, State, Zip Terrebonne, OR 97760  
County Crook

Well Location:

Township 14 S (N or S), Range 14 E (E or W)  
Section 8 1/4, 1/4, 1/4 SW, SW, NW  
Well Depth \_\_\_\_\_ Date Drilled \_\_\_\_\_  
Owner's Well No. (if any) Well #2  
POD-ID \_\_\_\_\_

WATER RESOURCES DEPT  
SALEM, OREGON

Water Right Information:

Application No. G-12177 Permit No. G-12561 Certificate No. \_\_\_\_\_  
Is this well used for more than one water right? (Y/N) If Yes, fill out numbers below:  
App. No. \_\_\_\_\_ Permit No. \_\_\_\_\_ Cert. No. \_\_\_\_\_  
App. No. \_\_\_\_\_ Permit No. \_\_\_\_\_ Cert. No. \_\_\_\_\_

Pump Test:

Test conducted by Martin Gyorgyfalvy Well Owner? N (Y/N)  
Company Iye Engineering & Surveying  
Address 725 NW Hill St. Date of Test 9/22/99  
City, State, Zip Bend, OR 97701

Method of Discharge Measurement 4" Meter (M<sup>2</sup> Crometer)  
Method of Water Level Measurement electrode  
Depth of Air Line (if used) \_\_\_\_\_  
Pump Type (Turbine, Submersible, etc.) 15 HP Submersible  
Was pump test conducted during normal use of the well no (Y/N)

Description of point from which water level was measured Top of Casing  
Is measuring point above or below ground level? Above  
Distance between measuring point and ground level (correction factor) 1 ft.

Are you aware of any wells, other than domestic or stock wells, pumping within 1000 feet of the tested well during the test or within 24 hours prior to the test? No (Y/N) If yes, give approximate distances to each and approximate pumping rate of each. If, possible, indicate if they were turned on or off during the test \_\_\_\_\_

Is there a lake, stream or other surface water body within 1/4 mile of the tested well? Y (Y/N)  
If yes, give approximate distance from the well and approximate elevation difference between the surface water and the well head: Approximate distance 40 feet to irrigation canal  
Approximate elevation difference 8 feet  
Is well elevation above or below the surface water body? Above

Static Water Level Measurements: (Three measurements at least 20 minutes apart are required in the hour before pumping begins):

|                         |                                  |         |
|-------------------------|----------------------------------|---------|
| Time: <u>12:48 p.m.</u> | Depth to Water: <u>166.7 ft.</u> | (ft/in) |
| Time: <u>1:28 p.m.</u>  | Depth to Water: <u>166.7 ft.</u> | (ft/in) |
| Time: <u>1:48 p.m.</u>  | Depth to Water: <u>166.7 ft.</u> | (ft/in) |

Discharge Measurements: (A discharge measurement is required at the start of pumping and once an hour during the test):

|                        |                            |       |
|------------------------|----------------------------|-------|
| Time: <u>1:48 p.m.</u> | Discharge Rate: <u>160</u> | (gpm) |
| Time: <u>2:51 p.m.</u> | Discharge Rate: <u>163</u> | (gpm) |
| Time: <u>3:51 p.m.</u> | Discharge Rate: <u>161</u> | (gpm) |
| Time: _____            | Discharge Rate: _____      | (gpm) |
| Time: _____            | Discharge Rate: _____      | (gpm) |

Pump turned on: Date: 9/22/99 Time: 1:48 p.m. Pump turned off: Date: 9/22/99 Time: 3:51 p.m.  
Total pumping time: 2 hours, 02 minutes.

Note: Well must be idle for at least 16 hours prior to the test.

## PUMP TEST DATA SHEET

APPLICATION NO. G-12177

PERMIT NO. G-12561

P.O.D.-ID Will #2

All water level measurements must either be in 1) feet and inches, or 2) feet and decimal fractions. (Circle one)

RECEIVED

SEP 29 2005

WATER RESOURCES DEPT  
SALEM OREGON

145/14E-8 bxc

14 14 08 00 300

14 14 08 00 300

AUG 12 1981

WATER RESOURCES DEPT  
SALEM, OREGON

Unit No. ....

## Record

Name Tom Strand  
Address RFD # 1  
City Forman, Oregon State 97760

New Well ☐ Deepening ☐ Reconditioning ☒ Abandon ☐  
If abandonment, describe material and procedure in Item 12.

|            |                                     |        |                          |            |                                     |            |                          |             |                          |
|------------|-------------------------------------|--------|--------------------------|------------|-------------------------------------|------------|--------------------------|-------------|--------------------------|
| Rotary Air | <input type="checkbox"/>            | Driven | <input type="checkbox"/> | Domestic   | <input checked="" type="checkbox"/> | Industrial | <input type="checkbox"/> | Municipal   | <input type="checkbox"/> |
| Rotary Mud | <input type="checkbox"/>            | Dug    | <input type="checkbox"/> | Irrigation | <input type="checkbox"/>            | Test Well  | <input type="checkbox"/> | Other       | <input type="checkbox"/> |
| Cable      | <input checked="" type="checkbox"/> | Bored  | <input type="checkbox"/> | Thermal:   |                                     | Withdrawal | <input type="checkbox"/> | Reinjection | <input type="checkbox"/> |

Steel ☒ Plastic ☐  
Threaded ☐ Welded ☒

....." Diam. from ..... ft. to ..... ft. Gauge .....

....." Diam. from ..... ft. to ..... ft. Gauge .....

5" \* Diam. from  $\pm 2$  ft. to 270 ft. Gauge 183

|                                        |                                          |
|----------------------------------------|------------------------------------------|
| Type of perforator used                | Machine sawed                            |
| Size of perforations $\frac{1}{2}$ 3/8 | in. by 3 in.                             |
| 195                                    | perforations from 270 ft. to 290 ft.     |
|                                        | perforations from ..... ft. to ..... ft. |
|                                        | perforations from ..... ft. to ..... ft. |

Manufacturer's Name .....

Type ..... Model No. ....

Diam. .... Slot Size ..... Set from ..... ft. to ..... ft.

Diam. .... Slot Size ..... Set from ..... ft. to ..... ft.

| Yield:                  | gal/min. with                             | ft. drawdown after   | hrs. |
|-------------------------|-------------------------------------------|----------------------|------|
| "                       | "                                         | "                    | "    |
| Air test                | gal/min. with drill stem at               | ft.                  | hrs. |
| Bailer test 10          | gal/min. with 20                          | ft. drawdown after 1 | hrs  |
| Artesian flow none      | g.p.m.                                    |                      |      |
| Temperature of water 52 | Depth artesian flow encountered ..... ft. |                      |      |

Well seal—Material used .....  
 Well sealed from land surface to Clean out only, Grout ..... ft.  
 Diameter of well bore to bottom of seal undisturbed ..... in.  
 Diameter of well bore below seal ..... in.  
 Number of sacks of cement used in well seal ..... sacks  
 How was cement grout placed? .....

How was cement grout placed? .....

.....

.....

Was pump installed? ~~XXXX~~ Yes Type Submer HP 12 Depth 280 ft.

Was a drive shoe used? ☐ Yes ☒ No Plugs ..... Size: location ..... ft.

Did any strata contain unusable water? ☐ Yes ☒ No

Type of Water? ..... depth of strata .....

Method of sealing strata off .....

Was well gravel packed? ☐ Yes ☒ No Size of gravel: .....

Gravel placed from ..... ft. to ..... ft.

County Crook Driller's well number 107  
1/4 1/4 Section 3 T. 14S R. 14E W.M.  
 Tax Lot # Lot Blk Subdivision  
 Address at well location: Lone Pine Road, Terrebonne, Oregon  
7/8 mile West of Lone Pine School

|                                      |      |                                      |
|--------------------------------------|------|--------------------------------------|
| Depth at which water was first found | 200  | ft.                                  |
| Static level                         | 200  | ft. below land surface. Date 8-30-81 |
| Artesian pressure                    | none | lbs. per square inch. Date           |

Depth drilled 290 ft. Depth of completed well 290 ft.

Formation: Describe color, texture, grain size and structure of materials; and show thickness and nature of each stratum and aquifer penetrated, with at least one entry for each change of formation. Report each change in position of Static Water Level and indicate principal water-bearing strata.

[illegible]

|                                              |         |    |           |         |    |
|----------------------------------------------|---------|----|-----------|---------|----|
| Work started                                 | 7-29-81 | 19 | Completed | 7-30-81 | 19 |
| Date well drilling machine moved off of well | 7-30-81 | 19 |           |         |    |

This well was constructed under my direct supervision. Materials used and information reported above are true to my best knowledge and belief.

[Signed] Robert R. Fink..... Date 7-31-39.....  
(Drilling Machine Operator)

Drilling Machine Operator's License No. 415

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

Name Bill Williams Well Drilling  
(Person, firm or corporation) (Type or print)

Address P.O. Box 354, Redmond, Oregon 97756.....

[Signed] Bill C. Wellen  
(Water Well Contractor)

Contractor's License No. 782 Date July 31, 1981 19

**NOTICE TO WATER WELL CONTRACTOR**  
The original and first copy of this report  
are to be filed with the

WATER RESOURCES DEPARTMENT,  
SALEM, OREGON 97310  
within 30 days from the date of well completion

SP-12658-690



Oregon Water Resources Department  
725 Summer Street NE, Suite A  
Salem, Oregon 97301  
(503) 986-0900  
www.wrd.state.or.us

# Request for Assignment

If for multiple rights, a separate form and fee for each right will be required.

I, Northwest Farm Credit Services, ACA

(Name of Applicant / Permit / Transfer Holder / License Holder / GR Certificate of Registration)

PO Box 607 Redmond Oregon, 97756 541-504-3500  
(Mailing Address) (City) (State) (Zip) (Phone #)

- ☒ hereby assign all my interest in and to application/permit/transfer/license/GR Certificate of Registration;
- ☐ hereby assign all my interest in and to a portion of application/permit/transfer/license/GR Certificate of Registration; (You must include a map showing the portion of the application/permit/transfer/license/GR Certificate of Registration to be assigned.)
- ☐ hereby assign a portion of my interest in and to the entire application/permit/transfer/license/GR Certificate of Registration:

Application # G-12177; Permit # G-12561; Transfer # \_\_\_\_\_  
-OR-  
License # \_\_\_\_\_; GR Statement # \_\_\_\_\_; GR Certificate of Registration # \_\_\_\_\_

As filed in the office of the Water Resources Director, to:

Thomas G Strand  
(Name of New Owner)

18880 NW Lone Pine Lane Terrebonne Oregon, 97760 541-584-5747  
(Mailing Address) (City) (State) (Zip) (Phone #)

**Note:** If there are other owners of the property described in the Application, Permit, Transfer, License, or GR Certificate of Registration, you must provide a list of all other owners' names and mailing addresses and attach it to this form.

I hereby certify that I have notified all other owners of the property described in this Application, Permit, Transfer, License, or GR Certificate of Registration of this Request for Assignment

Witness my hand this First day of February, 20 16.

Applicant/Permit Holder Northwest Farm Credit Services, ACA by [Signature]

Applicant/Permit Holder \_\_\_\_\_

## DO NOT WRITE IN THIS BOX

This certifies assignment and record change at Oregon Water Resources Department effective 8:00 a.m. on date of receipt at Salem, Oregon. Fee receipt # 116912  
For Director by Jerry Sauter, Program Analyst in Water Rights Division [Signature]

Last updated: July 19, 2013

Request for Assignment

The completed "Request for Assignment" form **must** be submitted to the Department along with the recording fee of \$85.

RECEIVED BY OWRD

FEB 12 2016  
WR

SALEM, OR

9/1/16  
[Signature]



# Oregon

Kate Brown, Governor

## Water Resources Department

North Mall Office Building

725 Summer St NE, Suite A

Salem, OR 97301

Phone (503) 986-0900

Fax (503) 986-0904

[www.wrd.state.or.us](http://www.wrd.state.or.us)

February 23, 2016

Northwest Farm Credit Services  
P.O. Box 607  
Redmond, Oregon 97756

Reference: Application G-12177, Permit G-12561

The assignment from Northwest Farm Credit Services, ACA to Thomas G. Strand has been recorded in the records of the Water Resources Department.

The Departments records will now show Thomas G. Strand as the permit holder of record.

Our records have been changed accordingly and the original request is enclosed. Receipt number 118912 covering the recording fee is also enclosed.

A permit is not a perfected water right, and has conditions and timelines that must be satisfied prior to a Certificate of Water Right being issued. Please review the permit to be familiar with the conditions and timelines contained in the permit.

Sincerely,

Jerry Sauter  
Water Rights Program Analyst  
Water Right Services Division

Enclosure: Receipt 118912

cc: Watermaster 11  
Thomas G. Strand  
Data Center, OWRD (cover letter & request)  
Hydrographics  
File

**JOYE Jessica L**

---

**From:** NICHOLS Adrienne F  
**Sent:** Thursday, December 31, 2015 9:50 AM  
**To:** JOYE Jessica L  
**Subject:** RE: Pump test Approval for App G-12177 Permit G-12561  
**Attachments:** App G-12177 Approval Letter Well 1.jpeg

Hello Jessica,

I have attached the approval letter for the pump test on Well 1, CROO 717. I don't have anything on record as being submitted for Well 2. If the land owner submits a multiple-well exemption request, we might be able to grant the exemption on Well 2 since they are within a 5 mile radius from each other and are owned by the same land owner. The only other criteria I would have to check is if they are in the same aquifer, which I would talk to the hydrogeologist for that area to make the determination. Let me know if you have any questions.

Happy New Year!

Adrienne F. Nichols  
Groundwater Section Assistant  
Oregon Water Resources Department  
725 Summer St. NE, Suite A  
Salem, OR 97301-1271  
[adrienne.f.nichols@wrdd.state.or.us](mailto:adrienne.f.nichols@wrdd.state.or.us)

---

**From:** JOYE Jessica L  
**Sent:** Wednesday, December 30, 2015 8:13 AM  
**To:** NICHOLS Adrienne F  
**Subject:** Pump test Approval for App G-12177 Permit G-12561

Good Morning Adrienne-

I'm reviewing the above file for Certificate issuance. I cannot locate the pump test approval for Well 1 (CROO 717) and Well 2 (CROO 718) in the file. Could you please inform me on whether both wells have been approved or exempted for App G-12177?

Thank you-

**Jessica L Joye | Certificate Specialist**

Water Resources Department | 725 Summer St. NE, Suite A | Salem, Oregon 97301  
Ph: 503 986-0814 | Fax: 503 986-0901  
Email: [Jessica.L.Joye@wrdd.state.or.us](mailto:Jessica.L.Joye@wrdd.state.or.us) | Web: <http://www.wrdd.state.or.us>

FPO/5-1-03 SCB

Application No. **G12177**  
Permit No. **G12561**

7/16/90 **ASSIGNED**

Name **Thomas G. Strand**

Address **Route 1, Box 53, Terrebonne, OR 97760**

Assigned **Northwest Farm Credit Sys. ACA + Thomas G. Strand**

Address **P.O. Box 607, Redmond, OR 97756, Rt 1 Box 53, Terrebonne OR 97760**

Beginning construction **JUL**

Completion of construction **OCT 1 1998**

Extended to **OCT 1 1999**

Complete application of water

Extended to



G12177

**TYE ENGINEERING & SURVEYING, INC.**

---

725 NW Hill, Bend, Oregon 97701 • (541) 389-6959 • Fax (541) 385-1341

September 24, 1999

Dallas Miller  
Water Resources Dept.  
3850 N.E. Portland Rd.  
Salem, OR 97310

Re: Thomas Strand

Dear Mr. Miller:

We are sending you a Final Proof Map, well tests for wells #1 and #2, and a Site Report for Claim of Beneficial Use per the requirements of permit # G12561 for Thomas Strand. If you need any additional information, please call my office at (541) 389-6959.

Sincerely,

Susan Penner

**RECEIVED**

SEP 27 1999

WATER RESOURCES DEPT.  
SALEM, OREGON

OREGON SECRETARY OF STATE  
**► Corporation Division**

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referral list business registry/renewal forms/fees notary public

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## Business Name Search

| <a href="#">New Search</a>        |             | Business Entity Data |              |               |                   | 01-20-2016<br>09:18 |
|-----------------------------------|-------------|----------------------|--------------|---------------|-------------------|---------------------|
| Registry Nbr                      | Entity Type | Entity Status        | Jurisdiction | Registry Date | Next Renewal Date | Renewal Due?        |
| 817542-94                         | DLLC        | ACT                  | OREGON       | 12-05-2011    | 12-05-2016        |                     |
| Entity Name FOUR LAZY F RANCH LLC |             |                      |              |               |                   |                     |
| Foreign Name                      |             |                      |              |               |                   |                     |

| <a href="#">New Search</a> |                       | Associated Names            |       |         |                          |
|----------------------------|-----------------------|-----------------------------|-------|---------|--------------------------|
| Type                       | PPB                   | PRINCIPAL PLACE OF BUSINESS |       |         |                          |
| Addr 1                     | 18880 NW LONE PINE LN |                             |       |         |                          |
| Addr 2                     |                       |                             |       |         |                          |
| CSZ                        | TERREBONNE            | OR                          | 97760 | Country | UNITED STATES OF AMERICA |

Please click [here](#) for general information about registered agents and service of process.

| Type   | AGT                            | REGISTERED AGENT | Start Date | 12-05-2011 | Resign Date              |  |
|--------|--------------------------------|------------------|------------|------------|--------------------------|--|
| Name   | MARY                           | FLITNER          |            |            |                          |  |
| Addr 1 | 18880 NORTHWEST LONE PINE LANE |                  |            |            |                          |  |
| Addr 2 |                                |                  |            |            |                          |  |
| CSZ    | TERREBONNE                     | OR               | 97760      | Country    | UNITED STATES OF AMERICA |  |

| Type   | MEM                            | MEMBER  |       | Resign Date |                          |
|--------|--------------------------------|---------|-------|-------------|--------------------------|
| Name   | MARY                           | FLITNER |       |             |                          |
| Addr 1 | 18880 NORTHWEST LONE PINE LANE |         |       |             |                          |
| Addr 2 |                                |         |       |             |                          |
| CSZ    | TERREBONNE                     | OR      | 97760 | Country     | UNITED STATES OF AMERICA |

| Type   | MEM                            | MEMBER  |  | Resign Date |  |
|--------|--------------------------------|---------|--|-------------|--|
| Name   | DANIEL                         | FLITNER |  |             |  |
| Addr 1 | 18880 NORTHWEST LONE PINE LANE |         |  |             |  |
| Addr 2 |                                |         |  |             |  |

|            |            |    |       |                |                          |
|------------|------------|----|-------|----------------|--------------------------|
| <b>CSZ</b> | TERREBONNE | OR | 97760 | <b>Country</b> | UNITED STATES OF AMERICA |
|------------|------------|----|-------|----------------|--------------------------|

| <a href="#">New Search</a> |  | Name History |             |            |          |
|----------------------------|--|--------------|-------------|------------|----------|
| Business Entity Name       |  | Name Type    | Name Status | Start Date | End Date |
| FOUR LAZY F RANCH LLC      |  | EN           | CUR         | 12-05-2011 |          |

Please read before ordering Copies.

| <a href="#">New Search</a>                                                          |                          | Summary History  |                |        |                   |              |
|-------------------------------------------------------------------------------------|--------------------------|------------------|----------------|--------|-------------------|--------------|
| Image Available                                                                     | Action                   | Transaction Date | Effective Date | Status | Name/Agent Change | Dissolved By |
|                                                                                     | ANNUAL REPORT PAYMENT    | 11-10-2015       |                | SYS    |                   |              |
|                                                                                     | ANNUAL REPORT PAYMENT    | 12-08-2014       |                | SYS    |                   |              |
|                                                                                     | ANNUAL REPORT PAYMENT    | 11-01-2013       |                | SYS    |                   |              |
|   | AMENDED ANNUAL REPORT    | 11-20-2012       |                | FI     |                   |              |
|  | ARTICLES OF ORGANIZATION | 12-05-2011       |                | FI     | Agent             |              |

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 please contact : [corporation.division@state.or.us](mailto:corporation.division@state.or.us)

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# MEMO – 2014-2015 Certificate Project Proof to Satisfaction (Aug 7, 2014)

|                                      |                         |            |
|--------------------------------------|-------------------------|------------|
| Application # <u>G-12177</u>         | Permit # <u>G-12561</u> | Transfer # |
| WRD Reviewer <u>Jessica Joye</u>     | Date <u>6-1-15</u>      |            |
| WRD Peer Reviewer <u>Mary Bjor E</u> | Date <u>1-14-16</u>     |            |

## Research

- ☒ Organize file in chronological order
- ☒ Pull CBU Report & Map(s), Application Map, relevant Permit, Certificate, or Transfer Order, most recent Assignments, Extension Orders, SWL Measurements, Fish Screen Certification Documents, Water Use Reports & Pump Tests
- ☒ Search for Water Right Location using Interactive Mapper. Identify Tax Lots & check for Area of Interest (AOI)
- ☒ Water Organization identified using AOI? ☒ No ☐ Yes  
If "Yes" cc: \_\_\_\_\_ & Add to Mailing List
- ☒ Print Tax Lot Map from ormap.net for the original Place of Use, and confirm Current Ownership & Address with County Assessor 141405 0400; 141408 0300.  
If there is a new owner, Add to Mailing List, including the owner(s) name & tax lot number
- ☒ Print Platcard & check for Place of Use Conflict? ☒ No ☐ Yes  
If "Yes", provide copy of certificate & relevant map
- ☒ Print BLM Cadastral Survey
- ☒ Does Claim Map identify correct DLC, Gov't Lots, QQ's? ☐ No ☒ Yes  
If "No", either \_\_\_\_\_ WRD amend map OR \_\_\_\_\_ prepare Order of Certification

## Reviewing Claim

Have conditions on relevant permit, certificate, or transfer order been complied with? Yes, No, OR N/A

- N/A Fish Conditions
- YES Meter/measuring device (9/1998)
- N/A Water Use Reporting
- NO Pump Test (post December 19, 1988) \* Well #1 (CR00 717) Approved 2-28-03
- N/A Other Conditions \_\_\_\_\_ Well #2 (CR00 718) NOT RECEIVED
- N/A SWL
- YES C-Date 10.1.04 EXT Pump 1 (Well 1) = 0.85 CFS  
Pump 2 (Well 2) = 0.31 CFS  
See calc sheet
- YES Run Capacity Calculator and Print Findings (for pump, sprinklers, pipes, ditches, as appropriate)

NOTES:

A-Date - 10.1.98 (7.8.96)

C-Date - 10.1.99 (10.1.04)

↳ 9.25.98 (Form C-Date)

Well #1 - CR00 717 - Pump test Approved (2-28-03)

Well #2 - CR00 718 - P. Test NOT received OR EXEMPT REQUEST NOT REC'D.

### Determination

\_\_\_ I've determined that the permit/transfer was fully developed as authorized and that a **FINAL** Certificate should be issued.

✓ I've determined that the permit/transfer was not fully developed as authorized and that a **PROPOSED** Certificate should be issued. A proposed Certificate should be issued for the following reason(s):

A variation in dispersal of IR acres from QQ compared to permit.

\_\_\_\_ I've determined that beneficial use was NOT made within the terms and conditions and that a **Proposed Order of Certification** (denial) should be issued. A proposed Order of Certification should be issued for the following reason(s):

Pump test letter, ~~DR~~ DRAFT CERT. CREATED  
Processing

Stamp PROPOSED or Assign CERT# \_\_\_\_\_ or ORDER OF CERTIFICATION (circle one)

\_\_\_ Draft Certificates or Proposed Order of Certifications are available in the Application directory.

— Prepare Mailing List. Include Applicant(s); Receiving Landowner(s); Current Owner(s); Water Organizations; CWRE. Indicate records to be marked.

\_\_\_ Record marking: App \_\_\_\_\_ Permit \_\_\_\_\_ Cert \_\_\_\_\_  
 App \_\_\_\_\_ Permit \_\_\_\_\_ Cert \_\_\_\_\_  
 App \_\_\_\_\_ Permit \_\_\_\_\_ Cert \_\_\_\_\_  
 App \_\_\_\_\_ Permit \_\_\_\_\_ Cert \_\_\_\_\_

NOTES:

G-12177 G-12561



Maptaxlot: 1414050000400  
 Property Information: [Detailed Information](#)  
 Account: 378  
 Tax payer: FOUR LAZY F RANCH LLC  
 Mailing Address: 18880 NW LONE PINE LN, TERREBONNE, OR 97760

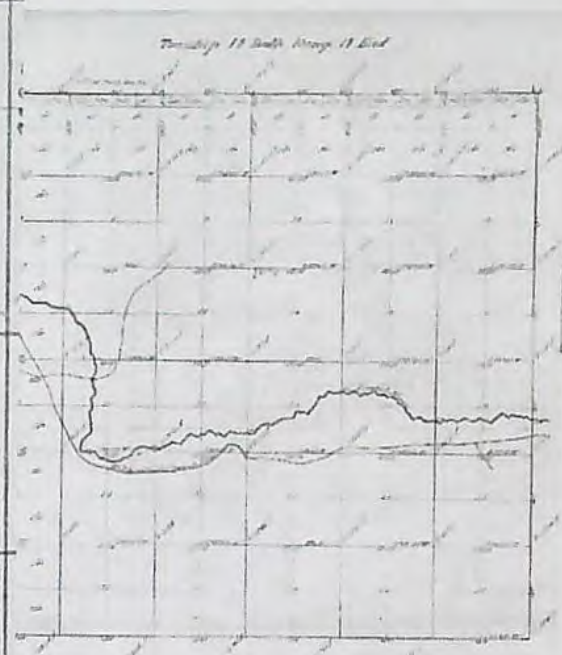
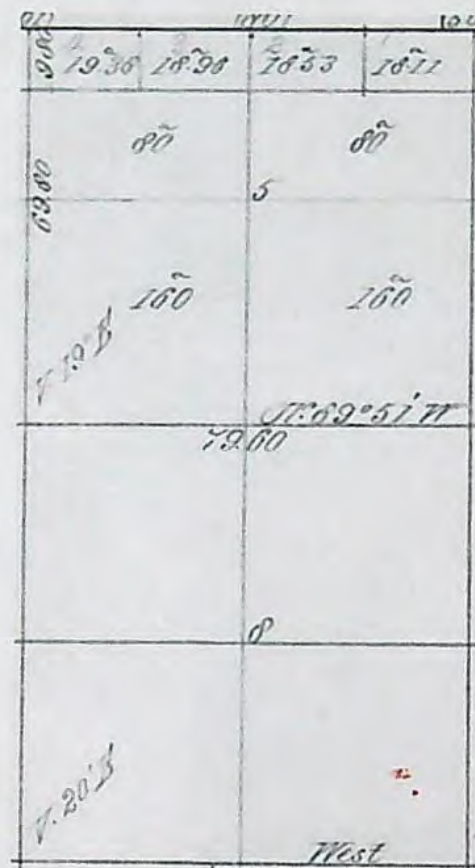
Maptaxlot: 1414050000300  
 Property Information: [Detailed Information](#)  
 Account: 395  
 Tax payer: FOUR LAZY F RANCH LLC  
 Mailing Address: 18880 NW LONE PINE LN, TERREBONNE, OR 97760  
 Subdivision:

County:  
 Taxlot:  
 Owner1:  
 Owner2:  
 Owner Address:  
 Site Address:  
 Acres:

Creek:  
 1414050000300  
 FOUR LAZY F RANCH LLC  
 18880 NW LONE PINE LN TERREBONNE OR 97760  
 Null  
 26.2

County:  
 Taxlot:  
 Owner1:  
 Owner2:  
 Owner Address:  
 Site Address:

Creek:  
 1414050000400  
 FOUR LAZY F RANCH LLC  
 18880 NW LONE PINE LN TERREBONNE OR 97760  
 Null



G-12177

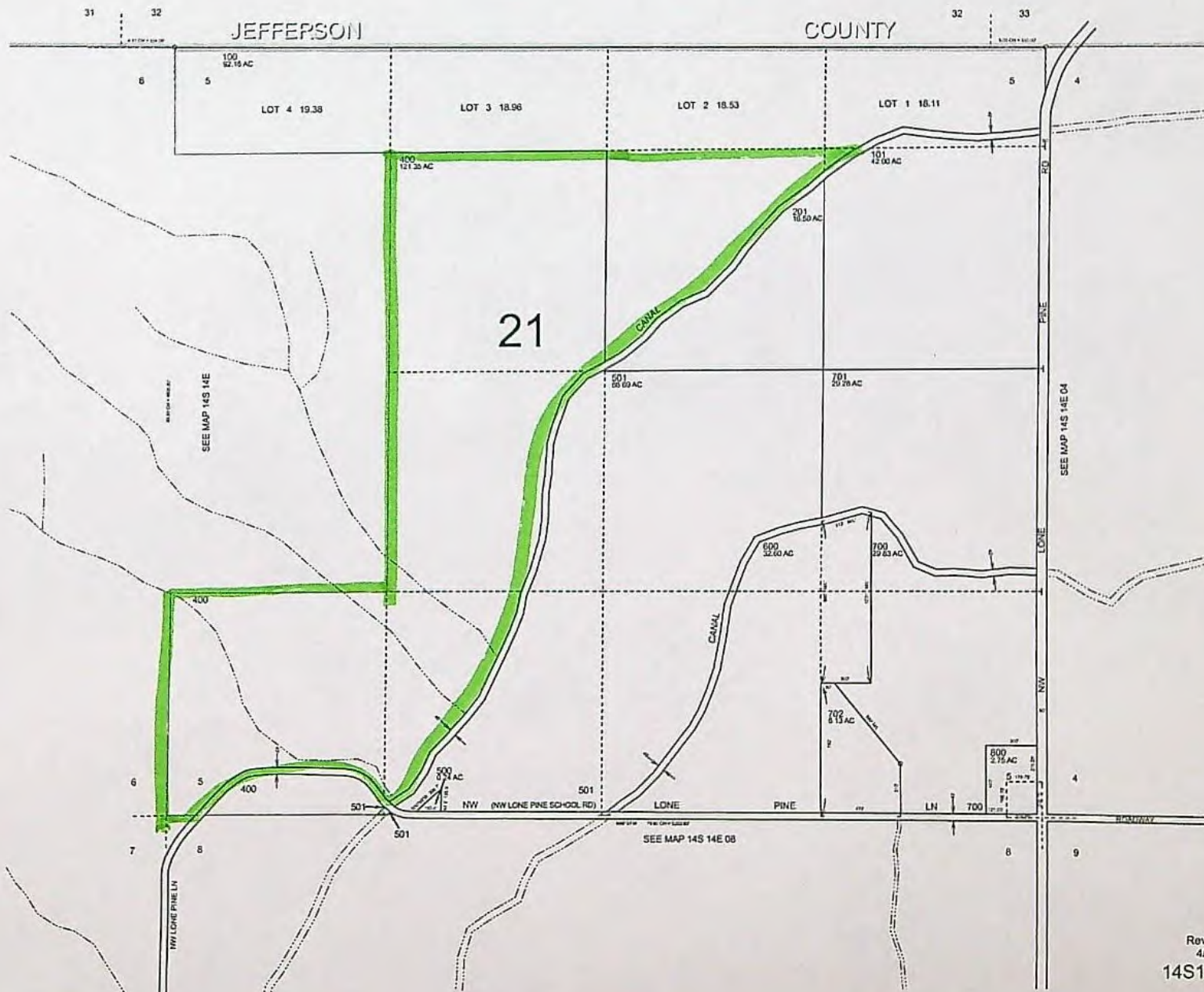
G-12561

THIS MAP WAS PREPARED FOR  
ASSESSMENT PURPOSE ONLY

0 200 400 600 Feet

SECTION 5 T.14S. R.14E. W.M.  
CROOK COUNTY  
1" = 400'

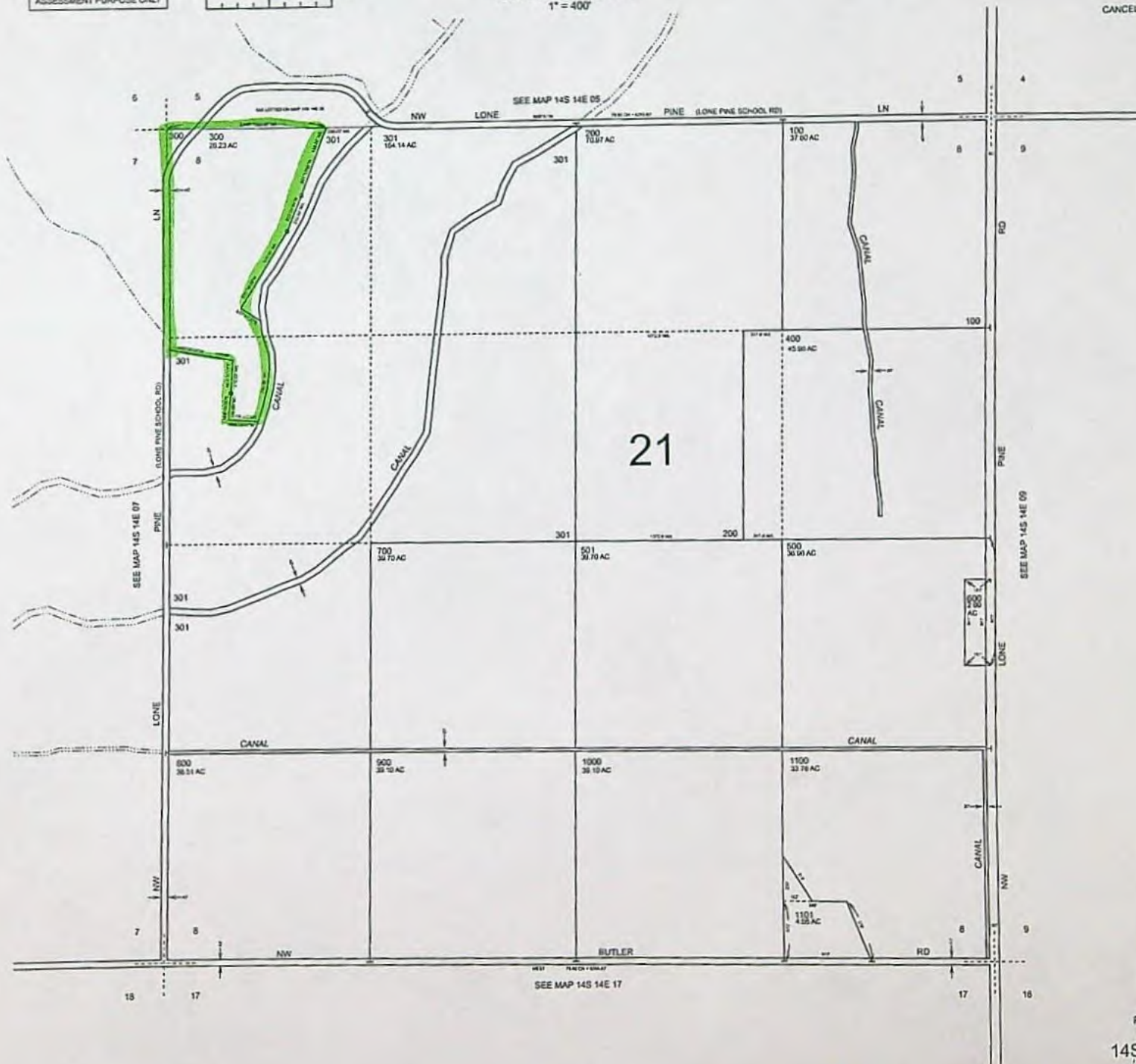
14S14E05

CANCELLED:  
200  
300Revised: JK  
4/28/2010  
14S14E05

| Year | Population (Millions) |
|------|-----------------------|
| 1960 | 15                    |
| 1965 | 18                    |
| 1970 | 22                    |
| 1975 | 26                    |
| 1980 | 30                    |
| 1985 | 33                    |
| 1990 | 35                    |

 $1^{\circ} = 400'$ 

**CANCELLED:**



Revised: JK  
4/28/2010  
14S14E08

## Water Rights Platcard Report

Meridian:  Township:   Range:   Section:  Records per Page:  Search

Platcards Maps!  
Learn about \* View Map

| Water Right                                                                                                                             | Changing<br>Xfers | Priority   | Use        | Use<br>Status | DLC | Gov't<br>Lot | QQ(40):<br>Q(160): | NE<br>NE | NW<br>NE | SW<br>NE | SE<br>NE | NE<br>NW | NW<br>NW | SW<br>NW | SE<br>NW | NE<br>SW | NW<br>SW | SW<br>SW | SE<br>SW | NE<br>SE | NW<br>SE | SW<br>SE | SE<br>SE | Unknow<br>QO |
|-----------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------|------------|---------------|-----|--------------|--------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--------------|
| Select Permit: G 12367 CN<br><br>Additional Info:<br>A J DAIRY LLC<br>App: G12176<br>Permit: G12367                                     | T11551            | 7/16/1990  | IRRIGATION | CN            |     |              |                    |          |          | 16.3     |          |          |          |          |          |          |          |          |          |          |          |          |          |              |
| Select Permit: G 12367 CN<br><br>Additional Info:<br>A J DAIRY LLC<br>App: G12176<br>Permit: G12367                                     | T11551            | 7/16/1990  | IRRIGATION | CN            | 1   |              | 6.6                |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |              |
| Select Permit: G 12367 CN<br><br>Additional Info:<br>A J DAIRY LLC<br>App: G12176<br>Permit: G12367                                     | T11551            | 7/16/1990  | IRRIGATION | CN            | 2   |              | 20.9               |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |              |
| Select Permit: G 12367 CN<br><br>Additional Info:<br>A J DAIRY LLC<br>App: G12176<br>Permit: G12367                                     | T11551            | 7/16/1990  | IRRIGATION | CN            | 3   |              |                    |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          | 16.2         |
| Select Permit: G 12561 *<br><br>Additional Info:<br>THOMAS STRAND<br>App: G12177<br>Permit: G12561                                      | T7265             | 7/16/1990  | IRRIGATION |               |     |              |                    |          |          |          |          |          |          |          | 20       | 23.5     |          | 28.5     | 14       |          |          |          |          |              |
| Select Cert:29055 OR CN<br><br>Additional Info:<br>COUNTY OF CROOK IMPROVEMENT DISTRICT 1<br>Decree: CROOKED RIVER<br>Cert: 29055       |                   | 10/31/1900 | IRRIGATION | CN            |     |              | 2                  |          |          | 17       | 39       |          |          |          |          | 9        |          | 24       | 39.1     | 40       | 39.4     | 38.5     |          |              |
| Select Cert:68740 CF CN<br><br>Additional Info:<br>CROOK COUNTY IMPROVEMENT DISTRICT NO 1<br>Decree: DESCHUTES RIVER (F)<br>Cert: 68740 |                   | 10/31/1900 | IRRIGATION | CN            |     |              |                    |          |          | 30.6     | 78       |          |          |          |          | 55.3     |          | 52.4     | 77.2     | 78.3     | 78       | 71.8     |          |              |
| Select Cert:68740 CF CN<br><br>Additional Info:<br>CROOK COUNTY IMPROVEMENT DISTRICT NO 1<br>Decree: DESCHUTES RIVER (F)<br>Cert: 68740 |                   | 10/31/1900 | IRRIGATION | CN            | 1   |              | 4                  |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |              |
| 12345                                                                                                                                   |                   |            |            |               |     |              |                    |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |              |

Acreage Legend: 12.25 Regular acreage 12.25 Acreage is on a canceled right (12.25)

[12.25] Acreage has been suspended \* Acreage is not specified

Acreage is part of a transfer and  
has not been proven up on yet  
(inchoate)

## Water Rights Platcard Report

Meridian:  Township:   Range:   Section:  Records per Page:  Search

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| Water Right                                                                                                  | Changing Xfers                                                                                                                                                                          | Priority   | Use           | Use Status | DLC | Gov't Lot | QQ(40):<br>Q(160): | NE<br>NE | NW<br>NE | SW<br>NE | SE<br>NE | NE<br>NW | NW<br>NW | SW<br>NW | SE<br>NW | NE<br>SW | NW<br>SW | SW<br>SW | SE<br>SW | NE<br>SE | NW<br>SE | SW<br>SE | SE<br>SE | Unknown<br>QQ |
|--------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|---------------|------------|-----|-----------|--------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|---------------|
| <b>Select</b> Cert: 72197 CF CR *                                                                            | T9426,<br>T9626,<br>T10429,<br>IL840,<br>IL747,<br>IL581,<br>IL611,<br>IL619,<br>IL446,<br>IL447,<br>T11073,<br>T10667,<br>T9062,<br>IL1188,<br>T11424,<br>T11581,<br>T11582,<br>T11769 | 10/31/1900 | IRRIGATION    |            |     |           |                    |          |          | 15.3     | 39       |          |          |          |          | 27.65    |          |          | 26.2     | 38.6     | 39.15    | 39       | 35.9     |               |
| <b>Additional Info:</b><br>CROOK COUNTY IMPROVEMENT DISTRICT 1<br>Decree: DESCHUTES RIVER (F)<br>Cert: 72197 | <i>underlying right<br/>for supplemental<br/>portion.</i>                                                                                                                               |            |               |            |     |           |                    |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |               |
| <b>Select</b> Cert: 72197 CF CR *                                                                            | T9426,<br>T9626,<br>T10429,<br>IL840,<br>IL747,<br>IL581,<br>IL611,<br>IL619,<br>IL446,<br>IL447,<br>T11073,<br>T10667,<br>T9062,<br>IL1188,<br>T11424,<br>T11581,<br>T11582,<br>T11769 | 10/31/1900 | IRRIGATION    |            |     | 1         |                    | 2        |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |               |
| <b>Additional Info:</b><br>CROOK COUNTY IMPROVEMENT DISTRICT 1<br>Decree: DESCHUTES RIVER (F)<br>Cert: 72197 |                                                                                                                                                                                         |            |               |            |     |           |                    |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |               |
| <b>Select</b> Inchoate: T 9426 CF (ALT) WD                                                                   |                                                                                                                                                                                         | 10/31/1900 | IRRIGATION WD |            |     |           |                    |          |          | (15.3)   | (39)     |          |          |          |          | (27.65)  |          |          | (26.2)   | (38.6)   | (39.15)  | (39)     | (35.9)   |               |
| <b>Additional Info:</b><br>CROOK CO IMP DIST / BY COID<br>Decree: DESCHUTES RIVER (F)                        |                                                                                                                                                                                         |            |               |            |     |           |                    |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |               |
| <b>Select</b> Inchoate: T 9426 CF (ALT) WD                                                                   |                                                                                                                                                                                         | 10/31/1900 | IRRIGATION WD |            |     | 1         |                    | (2)      |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |               |
| <b>Additional Info:</b><br>CROOK CO IMP DIST / BY COID<br>Decree: DESCHUTES RIVER (F)                        |                                                                                                                                                                                         |            |               |            |     |           |                    |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |               |
| <b>Select</b> Inchoate: T 7265 (EXC) WD                                                                      |                                                                                                                                                                                         | 7/16/1990  | IRRIGATION WD |            |     |           |                    |          |          |          |          |          |          |          | (20)     | (23.5)   |          | (28.5)   | (14)     |          |          |          |          |               |
| <b>Additional Info:</b><br>THOMAS STRAND<br>App: G12177<br>Permit: G12561                                    |                                                                                                                                                                                         |            |               |            |     |           |                    |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |               |
| <b>Select</b> Permit: G 17116 *                                                                              |                                                                                                                                                                                         | 7/16/1990  | IRRIGATION    |            |     |           |                    |          |          | 16.3     |          |          |          |          |          |          |          |          |          |          |          |          |          |               |
| <b>Additional Info:</b><br>A J DAIRY LLC<br>App: G12176<br>Permit: G17116                                    |                                                                                                                                                                                         |            |               |            |     |           |                    |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |               |

## Water Right Platcard Report

[illegible]

| Acreage Legend: | 12.25 Regular acreage | <del>12.25</del> Acreage is on a canceled right | (12.25) Acreage is part of a transfer and has not been proven up on yet (Inchoate) | [12.25] Acreage has been suspended | * Acreage is not specified |
|-----------------|-----------------------|-------------------------------------------------|------------------------------------------------------------------------------------|------------------------------------|----------------------------|
|-----------------|-----------------------|-------------------------------------------------|------------------------------------------------------------------------------------|------------------------------------|----------------------------|

## Water Rights Platcard Report

Meridian:  Township:   Range:   Section:  Records per Page:  Search

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| Water Right                                                                                            | Changing Xfers                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Priority  | Use                                          | Use Status | DLC | Gov't Lot | QQ(40): | NE | NW | SW | SE | NE | NW | SW | SE | NE    | NW | SW | SE   | NE   | NW    | SW | SE   | Unknown QQ |
|--------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|----------------------------------------------|------------|-----|-----------|---------|----|----|----|----|----|----|----|----|-------|----|----|------|------|-------|----|------|------------|
| Select Permit: G 17116 *                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 7/16/1990 | IRRIGATION                                   |            |     | 3         |         |    |    |    |    |    |    |    |    |       |    |    |      |      |       |    |      | 16.2       |
| Additional Info:<br>A J DAIRY LLC<br>App: G12176<br>Permit: G17116                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |           |                                              |            |     |           |         |    |    |    |    |    |    |    |    |       |    |    |      |      |       |    |      |            |
| Select Cert: 76714 OR CN                                                                               | T9463,<br>T9426,<br>T9276,<br>T9315,<br>T9314,<br>T9604,<br>T9558,<br>T9623,<br>T9113,<br>T8693,<br>T9036,<br>T9557,<br>T9462,<br>T9156,<br>T9023,<br>T9022,<br>T9021,<br>T9020,<br>T9018,<br>T9499,<br>T9500,<br>T9195,<br>T9516,<br>T9035,<br>T9439,<br>T9440,<br>T9040,<br>T9027,<br>T9024,<br>T9423,<br>T9424,<br>T9553,<br>T9555,<br>T9214,<br>T9299,<br>T9524,<br>T9527,<br>T9343,<br>T9283,<br>T9721,<br>T9722,<br>T9723,<br>T9731,<br>T9732,<br>T9747,<br>T9748,<br>T9768,<br>T9784,<br>T9785,<br>T9603,<br>T9816,<br>T9817,<br>T9834, | 2/28/1913 | SUPPLEMENTAL CN<br>IRRIGATION<br>(Suppl'mtl) |            |     | 15.3      | 39      |    |    |    |    |    |    |    |    | 27.65 |    |    | 26.2 | 38.6 | 39.15 | 39 | 35.9 |            |
| Additional Info:<br>CENTRAL OREGON IRRIGATION DISTRICT<br>App: S13180<br>Permit: S23256<br>Cert: 76714 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |           |                                              |            |     |           |         |    |    |    |    |    |    |    |    |       |    |    |      |      |       |    |      |            |

NCR

[http://apps.wrd.state.or.us/apps/wr/wrinfo/wr\\_platcard.aspx?ddl\\_meridian=0&tb\\_township=14&ddl\\_township\\_char=0&tb\\_range=14&d...](http://apps.wrd.state.or.us/apps/wr/wrinfo/wr_platcard.aspx?ddl_meridian=0&tb_township=14&ddl_township_char=0&tb_range=14&d...) 6/2/2015

[http://apps.wrd.state.or.us/apps/wr/wrinfo/wr\\_platcard.aspx?ddl\\_meridian=0&tb\\_township=14&ddl\\_township\\_char=0&tb\\_range=14&d...](http://apps.wrd.state.or.us/apps/wr/wrinfo/wr_platcard.aspx?ddl_meridian=0&tb_township=14&ddl_township_char=0&tb_range=14&d...) 6/2/2015

Select Inchoate: T 9423 (DRO) WD

2/28/1913 SUPPLEMENTAL WD  
IRRIGATION  
(Suppl'mtl)

Additional Info:  
CENTRAL OREGON IRRIGATION DISTRICT  
App: S13180  
Permit: S23256

|   |   |        |      |   |   |   |         |   |        |        |         |      |        |    |
|---|---|--------|------|---|---|---|---------|---|--------|--------|---------|------|--------|----|
|   |   | (15.2) | (39) |   |   |   | (27.65) |   | (26.2) | (38.6) | (39.15) | (39) | (35.9) |    |
| 1 | 2 | 3      | 4    | 5 | 6 | 7 | 8       | 9 | 10     | 11     | 12      | 13   | 14     | 15 |

Acreage Legend: 12.25 Regular  
acreage

~~12.25~~ Acreage is on a  
canceled right

(12.25) Acreage is  
has not b  
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trans:  
ip o

[12.25] Acreage has been  
suspended

\* Acreage is not  
specified

## Water Rights Platcard Report

Meridian:  Township:   Range:   Section:  Records per Page:  Search

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| Water Right                                                                                                                                 | Changing Xfers | Priority  | Use                                 | Use Status | DLC | Gov't Lot | QQ(40):<br>Q(160): | NE<br>NE | NW<br>NE | SW<br>NE | SE<br>NE | NE<br>NW | NW<br>NW | SW<br>NW | SE<br>NW | NE<br>SW | NW<br>SW | SW<br>SW | SE<br>SW | NE<br>SE | NW<br>SE | SW<br>SE | SE<br>SE | Unknown<br>QD |
|---------------------------------------------------------------------------------------------------------------------------------------------|----------------|-----------|-------------------------------------|------------|-----|-----------|--------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|---------------|
| <a href="#">Select</a> Inchoate: T 9423 (DRO) WD<br>Additional Info:<br>CENTRAL OREGON IRRIGATION DISTRICT<br>App: S13180<br>Permit: S23256 |                | 2/28/1913 | SUPPLEMENTAL IRRIGATION (Suppl'mtl) | WD         |     | 1         | (2)                |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |               |
| <a href="#">Select</a> Inchoate: T 9424 (DRO) WD<br>Additional Info:<br>CENTRAL OREGON IRRIGATION DISTRICT<br>App: S13180                   |                | 2/28/1913 | SUPPLEMENTAL IRRIGATION (Suppl'mtl) | WD         |     |           |                    |          | (15.3)   | (39)     |          |          |          |          | (27.65)  |          | (26.2)   | (38.6)   | (39.15)  | (39)     | (35.9)   |          |          |               |
| <a href="#">Select</a> Inchoate: T 9424 (DRO) WD<br>Additional Info:<br>CENTRAL OREGON IRRIGATION DISTRICT<br>App: S13180                   |                | 2/28/1913 | SUPPLEMENTAL IRRIGATION (Suppl'mtl) | WD         |     | 1         | (2)                |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |               |
| <a href="#">Select</a> Inchoate: T 9553 (IS ) WD<br>Additional Info:<br>BRIAN STEVENS<br>App: S13180                                        |                | 2/28/1913 | SUPPLEMENTAL IRRIGATION (Suppl'mtl) | WD         |     |           |                    |          | (15.3)   | (39)     |          |          |          |          | (27.65)  |          | (26.2)   | (38.6)   | (39.15)  | (39)     | (35.9)   |          |          |               |
| <a href="#">Select</a> Inchoate: T 9553 (IS ) WD<br>Additional Info:<br>BRIAN STEVENS<br>App: S13180                                        |                | 2/28/1913 | SUPPLEMENTAL IRRIGATION (Suppl'mtl) | WD         |     | 1         | (2)                |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |               |
| <a href="#">Select</a> Inchoate: T 9555 (IS ) WD<br>Additional Info:<br>BRIAN STEVENS<br>App: S13180<br>Permit: S23256                      |                | 2/28/1913 | SUPPLEMENTAL IRRIGATION (Suppl'mtl) | WD         |     |           |                    |          | (15.3)   | (39)     |          |          |          |          | (27.65)  |          | (26.2)   | (38.6)   | (39.15)  | (39)     | (35.9)   |          |          |               |
| <a href="#">Select</a> Inchoate: T 9555 (IS ) WD<br>Additional Info:<br>BRIAN STEVENS<br>App: S13180<br>Permit: S23256                      |                | 2/28/1913 | SUPPLEMENTAL IRRIGATION (Suppl'mtl) | WD         |     | 1         | (2)                |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |               |
| <a href="#">Select</a> Inchoate: T 9214 (REG) WD<br>Additional Info:<br>CENTRAL OREGON IRRIGATION DISTRICT<br>App: S13180                   |                | 2/28/1913 | SUPPLEMENTAL IRRIGATION (Suppl'mtl) | WD         |     |           |                    |          | (15.3)   | (39)     |          |          |          |          | (27.65)  |          | (26.2)   | (38.6)   | (39.15)  | (39)     | (35.9)   |          |          |               |

12345

Acreage Legend: 12.25 Regular acreage    ~~12.25~~ Acreage is on a canceled right    (12.25) Acreage is part of a transfer and has not been proven up on yet (inchoate)    [12.25] Acreage has been suspended    \* Acreage is not specified

## Water Rights Platcard Report

Meridian:  Township:   Range:   Section:  Records per Page:  Search

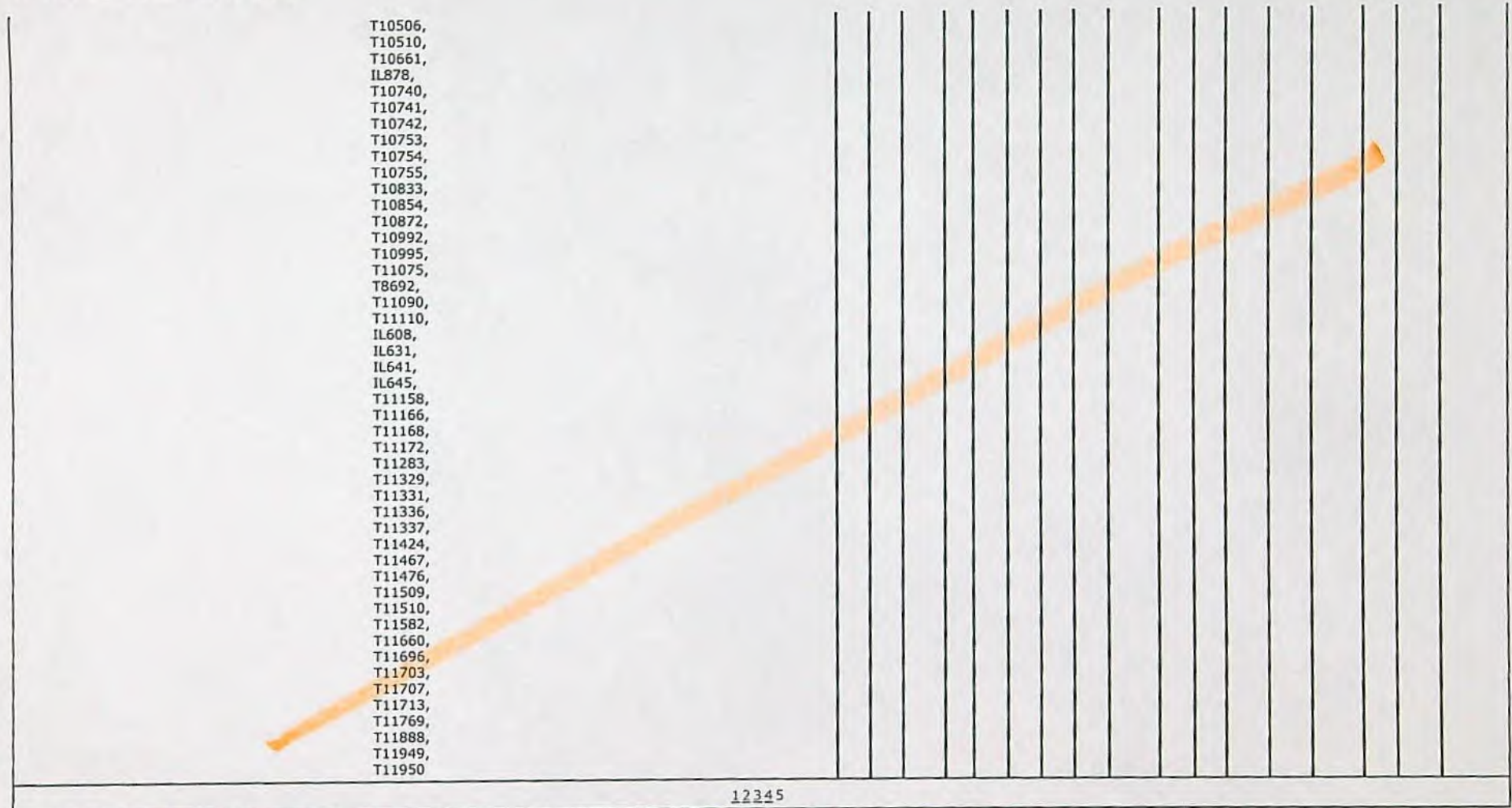
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| Water Right                                                           | Changing<br>Xfers                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Priority  | Use                                       | Use<br>Status | DLC | Gov't<br>Lot | QQ(40):<br>Q(160): | NE<br>NE | NW<br>NE | SW<br>NE | SE<br>NE | NE<br>NW | NW<br>NW | SW<br>NW | SE<br>NW | NE<br>SW | NW<br>SW | SW<br>SW | SE<br>SW | NE<br>SE | NW<br>SE | SW<br>SE | SE<br>SE | Unknown<br>QQ |
|-----------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------------------------------------|---------------|-----|--------------|--------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|---------------|
| Select Inchoate: T 9214 (REG) WD                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 2/28/1913 | SUPPLEMENTAL<br>IRRIGATION<br>(Suppl'mtl) | WD            |     | 1            | (2)                |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |               |
| Additional Info:<br>CENTRAL OREGON IRRIGATION DISTRICT<br>App: S13180 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |                                           |               |     |              |                    |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |               |
| Select Cert:76714 CF *                                                | T10390,<br>T10389,<br>T10429,<br>IL651,<br>IL654,<br>IL675,<br>IL677,<br>IL678,<br>IL679,<br>IL772,<br>IL773,<br>IL495,<br>IL496,<br>IL516,<br>IL517,<br>IL518,<br>IL519,<br>IL520,<br>IL521,<br>IL522,<br>IL523,<br>IL524,<br>IL525,<br>IL526,<br>IL527,<br>IL528,<br>IL529,<br>IL532,<br>IL539,<br>IL543,<br>IL546,<br>IL549,<br>IL567,<br>IL568,<br>IL569,<br>IL570,<br>IL571,<br>IL581,<br>IL584,<br>IL599,<br>IL600,<br>IL611,<br>IL619,<br>IL626,<br>IL627,<br>IL632,<br>IL633,<br>IL635,<br>IL636,<br>IL637, | 2/28/1913 | SUPPLEMENTAL<br>IRRIGATION<br>(Suppl'mtl) |               |     |              |                    |          |          | 15.3     | 39       |          |          |          |          | 27.65    |          |          | 26.2     | 38.6     | 39.15    | 39       | 35.9     |               |

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Acreage Legend: 12.25 Regular acreage ~~12.25~~ Acreage is on a canceled right (12.25) Acreage is part of a transfer and has not been proven up on yet (inchoate) [12.25] Acreage has been suspended \* Acreage is not specified

## Water Rights Platcard Report

Meridian:  Township:   Range:   Section:  Records per Page:

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|                 |                       |                                                 |         |                                    |                            |
|-----------------|-----------------------|-------------------------------------------------|---------|------------------------------------|----------------------------|
| Acreage Legend: | 12.25 Regular acreage | <del>12.25</del> Acreage is on a canceled right | (12.25) | [12.25] Acreage has been suspended | * Acreage is not specified |
|-----------------|-----------------------|-------------------------------------------------|---------|------------------------------------|----------------------------|

Acreage is part of a transfer and  
has not been proven up on yet  
(inchoate)

## Water Rights Platcard Report

Meridian:  Township:   Range:   Section:  Records per Page:  Search

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| Water Right                                                                                            | Changing Xfers                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Priority  | Use                                    | Use Status | DLC  | Gov't Lot | QQ(40): Q(160): | NE NE | NW NE | SW NE | SE NE | NE NW | NW NW | SW NW | SE NW | NE SW | NW SW | SW SW | SE SW | NE SE | NW SE | SW SE | SE SE | Unknown QQ |
|--------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|----------------------------------------|------------|------|-----------|-----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------------|
| Select Permit: G 11486 EX                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 4/27/1992 | SUPPLEMENTAL EX IRRIGATION (Suppl'mtl) |            |      |           |                 |       |       |       |       |       |       |       |       | 40    |       |       | 40    |       |       |       |       |            |
| Additional Info:<br>TED FEHRENBACHER<br>App: G12892<br>Permit: G11486                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |                                        |            |      |           |                 |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |            |
| Select Permit: G 12642 *                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           | SUPPLEMENTAL IRRIGATION (Suppl'mtl)    |            |      |           |                 |       |       |       |       |       |       |       |       | 39.2  |       |       | 38.2  | 39.1  | 38.8  | 38.1  | 39.5  |            |
| Additional Info:<br>DEAN MILLS<br>App: G12661<br>Permit: G12642                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |                                        |            |      |           |                 |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |            |
| Select Cert:76714 OR CN                                                                                | T9463,<br>T9426,<br>T9276,<br>T9315,<br>T9314,<br>T9604,<br>T9558,<br>T9623,<br>T9113,<br>T8693,<br>T9036,<br>T9557,<br>T9462,<br>T9156,<br>T9023,<br>T9022,<br>T9021,<br>T9020,<br>T9018,<br>T9499,<br>T9500,<br>T9195,<br>T9516,<br>T9035,<br>T9439,<br>T9440,<br>T9040,<br>T9027,<br>T9024,<br>T9423,<br>T9424,<br>T9553,<br>T9555,<br>T9214,<br>T9299,<br>T9524,<br>T9527,<br>T9343,<br>T9283,<br>T9721,<br>T9722,<br>T9723,<br>T9731,<br>T9732,<br>T9747,<br>T9748,<br>T9768,<br>T9784,<br>T9785,<br>T9603,<br>T9816,<br>T9817,<br>T9834,<br>T9833, | 2/28/1913 | SUPPLEMENTAL CN IRRIGATION (Suppl'mtl) | 38.5       | 38.2 | 38.7      | 37.6            | 38.6  | 13.4  | 28    | 37.2  | 39.2  | 38.2  | 38.5  | 38.2  | 39.1  | 38.8  | 38.1  | 39.5  |       |       |       |       |            |
| Additional Info:<br>CENTRAL OREGON IRRIGATION DISTRICT<br>App: S13180<br>Permit: S23256<br>Cert: 76714 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |                                        |            |      |           |                 |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |            |

| Acreage Legend: | 12.25 Regular acreage | <del>12.25</del> Acreage is on a canceled right | (12.25) Acreage is part of a transfer and has not been proven up on yet (inchoate) | [12.25] Acreage has been suspended | * Acreage is not specified |
|-----------------|-----------------------|-------------------------------------------------|------------------------------------------------------------------------------------|------------------------------------|----------------------------|
|-----------------|-----------------------|-------------------------------------------------|------------------------------------------------------------------------------------|------------------------------------|----------------------------|

## Water Rights Platcard Report

Meridian:  Township:   Range:   Section:  Records per Page:  Search

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| Water Right                                                                                                                           | Changing<br>Zfers                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Priority  | Use                                       | Use<br>Status | DLC | Gov't<br>Lot | QQ(49):<br>Q(160): | NE<br>NE | NW<br>NE | SW<br>NE | SE<br>NE | NE<br>NW | NW<br>NW | SW<br>NW | SE<br>NW | NE<br>SW | NW<br>SW | SW<br>SW | SE<br>SW | NE<br>SE | NW<br>SE | SW<br>SE | SE<br>SE | Unknown<br>QQ |
|---------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------------------------------------|---------------|-----|--------------|--------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|---------------|
| Select Inchoate: T 9555 (IS ) WD<br>Additional Info:<br>BRIAN STEVENS<br>App: S13180<br>Permit: S23256                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 2/28/1913 | SUPPLEMENTAL<br>IRRIGATION<br>(Suppl'mtl) | WD            |     |              |                    | (38.5)   | (38.2)   | (38.7)   | (37.6)   | (38.6)   | (13.4)   | (28)     | (37.2)   | (39.2)   | (38.2)   | (38.5)   | (38.2)   | (39.1)   | (38.8)   | (38.1)   | (39.5)   |               |
| Select Inchoate: T 9214 (REG) WD<br>Additional Info:<br>CENTRAL OREGON IRRIGATION DISTRICT<br>App: S13180                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 2/28/1913 | SUPPLEMENTAL<br>IRRIGATION<br>(Suppl'mtl) | WD            |     |              |                    | (38.5)   | (38.2)   | (38.7)   | (37.6)   | (38.6)   | (13.4)   | (28)     | (37.2)   | (39.2)   | (38.2)   | (38.5)   | (38.2)   | (39.1)   | (38.8)   | (38.1)   | (39.5)   |               |
| NCR Select Cert: 76714 CF *<br>Additional Info:<br>CENTRAL OREGON IRRIGATION DISTRICT<br>App: S13180<br>Permit: S23256<br>Cert: 76714 | T10390,<br>T10389,<br>T10429,<br>IL651,<br>IL654,<br>IL675,<br>IL677,<br>IL678,<br>IL679,<br>IL772,<br>IL773,<br>IL495,<br>IL496,<br>IL516,<br>IL517,<br>IL518,<br>IL519,<br>IL520,<br>IL521,<br>IL522,<br>IL523,<br>IL524,<br>IL525,<br>IL526,<br>IL527,<br>IL528,<br>IL529,<br>IL532,<br>IL539,<br>IL543,<br>IL546,<br>IL549,<br>IL567,<br>IL568,<br>IL569,<br>IL570,<br>IL571,<br>IL581,<br>IL584,<br>IL599,<br>IL600,<br>IL611,<br>IL619,<br>IL626,<br>IL627,<br>IL632,<br>IL633,<br>IL635,<br>IL636,<br>IL637,<br>IL638,<br>IL639,<br>IL640,<br>IL368,<br>IL369, | 2/28/1913 | SUPPLEMENTAL<br>IRRIGATION<br>(Suppl'mtl) | WD            |     |              |                    | 38.5     | 38.2     | 38.7     | 37.6     | 38.6     | 13.4     | 28       | 37.2     | 39.2     | 38.2     | 38.5     | 38.2     | 39.1     | 38.8     | 38.1     | 39.5     |               |

[http://apps.wrd.state.or.us/apps/wr/wrinfo/wr\\_platcard.aspx?ddl\\_meridian=0&tb\\_township=14&ddl\\_township\\_char=0&tb\\_range=14&d...](http://apps.wrd.state.or.us/apps/wr/wrinfo/wr_platcard.aspx?ddl_meridian=0&tb_township=14&ddl_township_char=0&tb_range=14&d...) 6/2/2015

[illegible]

| Acreage Legend: | 12.25 Regular acreage | <del>12.25</del> Acreage is on a canceled right | (12.25) Acreage is part of a transfer and has not been proven up on yet (inchoate) | [12.25] Acreage has been suspended | * Acreage is not specified |
|-----------------|-----------------------|-------------------------------------------------|------------------------------------------------------------------------------------|------------------------------------|----------------------------|
|-----------------|-----------------------|-------------------------------------------------|------------------------------------------------------------------------------------|------------------------------------|----------------------------|





Well No. 1 → Upper Lone Pine Canal

### Pump Capacity Calculator

using Department designed formula:

Well No. 1

Pump # 1

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

Efficiency:

Centrifugal = 6.61

Turbine = 7.04

Data Entry (fill in underlined blanks)

HP = 30 ✓  
Efficiency = 7.04 ✓  
Lift = 327 ✓  
PSI = 0 ✓

### Results Calculated

$(hp)(\text{efficiency}) = 211.2$

Head based on psi = 0.0

Total dynamic head = 327.0

(head + lift)

Pump Capacity = 0.646 cubic feet per second

Claim = 380 gpm = 0.85 cfs ≥ 0.85 cfs ✓

Irrigates  $(67^{\pm} \text{ ac})(1/80) = 0.85 \text{ cfs}$  ✓

Shared ground water with Upper Lone Pine Canal, and  
Lone Pine IR. District

**Ditch Capacity Calculator**  
using Manning's Formula

**Data Entry (fill in underlined blanks)**

Top Width = 6 feet  
Bottom Width = 3 feet  
Depth = 4 feet  
Fall = 0 per 20 feet of distance  
Grade = 0.0001, or 0.0%  
Roughness Coefficient (n) = 0.028

**Results calculated**

Area of cross-section = 18 square feet  
Wetted Perimeter = 11.544 feet  
Hydraulic Radius = 1.559251  
Velocity = 0.714 feet per second  
Calculated Ditch Capacity = 12.8 cubic feet per second —

Claim - 7A-F (1A-F Ground water)

13.86 CFS

In speaking w/ G.C. It appears that a water exchange is not taking place, as the well (1) now pumps into canal (Upper) flows down to pump #2 + delivered to POU.

| Type of Conduit and Description                  | Roughness Coefficient |        |
|--------------------------------------------------|-----------------------|--------|
|                                                  | Min.                  | Max    |
| <b>Pipe</b>                                      |                       |        |
| Cast Iron, Coated                                | 0.01                  | 0.014  |
| Cast Iron, Uncoated                              | 0.011                 | 0.015  |
| Wrought Iron, Galvanized                         | 0.013                 | 0.017  |
| Wrought Iron, Black                              | 0.012                 | 0.015  |
| Steel, Riveted and Spiral                        | 0.013                 | 0.017  |
| Corrugated                                       | 0.021                 | 0.0255 |
| Wood Stave                                       | 0.01                  | 0.014  |
| Neat Cement Surface                              | 0.01                  | 0.013  |
| Concrete                                         | 0.01                  | 0.017  |
| Vitrified Sewer Pipe                             | 0.01                  | 0.017  |
| Clay, Common Drainage Tile                       | 0.011                 | 0.017  |
| <b>Lined Channels</b>                            |                       |        |
| Metal, Smooth Semicircular                       | 0.011                 | 0.015  |
| Metal, Corrugated                                | 0.0228                | 0.0244 |
| Wood, Planed                                     | 0.01                  | 0.015  |
| Wood, Unplaned                                   | 0.011                 | 0.015  |
| Neat Cement-Lined                                | 0.01                  | 0.013  |
| Concrete                                         | 0.012                 | 0.018  |
| Cement Rubble                                    | 0.017                 | 0.03   |
| <b>Vegetated, Small Channels, Shallow Depths</b> |                       |        |
| Bermuda Grass; Long - 13", Green                 | 0.042                 |        |
| Bermuda Grass; Long - 13", Dormant               | 0.035                 |        |
| Bermuda Grass; Short - 3", Green                 | 0.034                 |        |
| Bermuda Grass; Short - 3", Dormant               | 0.034                 |        |
| <b>Unlined Channels</b>                          |                       |        |
| Earth; Straight and Uniform                      | 0.017                 | 0.025  |
| Dredged                                          | 0.025                 | 0.033  |
| Winding and Sluggish                             | 0.0225                | 0.03   |
| Stoney Bed, Weeds on Bank                        | 0.025                 | 0.04   |
| Earth Bottom, Rubble Sides                       | 0.028                 | 0.035  |
| Rock Cuts; Smooth and Uniform                    | 0.025                 | 0.035  |
| Rock Cuts; Jagged and Irregular                  | 0.035                 | 0.045  |

Upper Lone Pine Canal flows SW corner of SE 1/4 SW 1/4

### Pump Capacity Calculator

using Department designed formula: Pump No. 2 → 24<sup>±</sup> ACRES

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

Efficiency:

Centrifugal = 6.61

Turbine = 7.04

Data Entry (fill in underlined blanks)

HP = 30  
Efficiency = 7.04  
Lift = 50  
PSI = 60

### Results Calculated

$(hp)(\text{efficiency}) = 211.2$   
Head based on psi = 152.4  
Total dynamic head = 202.4  
(head + lift)

Pump Capacity = 1.043 cubic feet per second

CLAIM - 160 gpm = 0.36 CFS > 0.31 CFS

Irrigates =  $(24.8 \text{ acres})(1 \text{ in}) = 0.31 \text{ CFS}$

Pump No. 3 boosts pressure to Irrigate w/ a center pivot.

### Pump Capacity Calculator

using Department designed formula: Pump No. 3

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

Efficiency:

Centrifugal = 6.61

Turbine = 7.04

Data Entry (fill in underlined blanks)

HP = 20  
Efficiency = 7.04  
Lift = 10  
PSI = 60

### Results Calculated

$(hp)(\text{efficiency}) = 140.8$   
Head based on psi = 152.4  
Total dynamic head = 162.4  
(head + lift)

Pump Capacity = 0.867 cubic feet per second

14.7 acres IR  
= 0.184 CFS

Claim - 650 gpm = 1.45 CFS > 0.60 CFS

Irrigates =  $(0.6 + 1.1 + 1.8 + 21.6 + 10 + 5) = (48.1 \text{ ac})(1/80) = 0.60 \text{ CFS}$   
claim  
map

Pump No. 3 boosts pressure to IR 14.7 acres (15% of total pivot area) = 0.18 CFS

Pump No. 3 boosts to IR 21.6 AC (SE 1/4 NW 1/4) = 0.27 CFS  
1.8 AC (NE 1/4 SW 1/4) = 0.0225 CFS > 0.29 CFS

**Pump Capacity Calculator**  
using Department designed formula:

Well No. 2  
Pump No. 4

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

Efficiency:

Centrifugal = 6.61

Turbine = 7.04

Data Entry (fill in underlined blanks)

HP = 15  
Efficiency = 7.04  
Lift = 308  
PSI = 60

Results Calculated

$(hp)(\text{efficiency}) = 105.6$   
Head based on psi = 152.4  
Total dynamic head = 460.4  
(head + lift)

Pump Capacity = 0.229 cubic feet per second

Claim - 160 gpm (0.36 cfs)

1<sup>st</sup> IR  
Irrigates = 5<sup>2</sup> AC SWSW Sec. 5  
0<sup>2</sup> AC NWNW Sec. 8  
5<sup>2</sup> AC SWNW Sec. 8  
11.5 AC

Supplement  
13<sup>1</sup> AC NESW Sec. 5

+ 13<sup>1</sup> = 24<sup>6</sup> AC

24<sup>6</sup> AC @ 1/80<sup>th</sup> = 0.31 cfs < 0.36 cfs ✓

## Sprinkler Capacity Calculator

### Data Entry (fill in underlined blanks)

Sprinkler group 1      Nozzle size = 5/32 inch      (type an apostrophe before the size)  
                                         Pressure = 40 PSI  
                                         Number of heads = 80

Sprinkler group 2      Nozzle size = \_\_\_\_\_ inch      (type an apostrophe before the size)  
(if applicable)      Pressure = \_\_\_\_\_ PSI  
                                         Number of heads = \_\_\_\_\_

Sprinkler group 3      Nozzle size = \_\_\_\_\_ inch      (type an apostrophe before the size)  
(if applicable)      Pressure = \_\_\_\_\_ PSI  
                                         Number of heads = \_\_\_\_\_

### Results calculated

Sprinkler group 1 capacity = 352 gpm, or 0.784 cfs  
Sprinkler group 2 capacity = 0 gpm, or 0.000 cfs  
Sprinkler group 3 capacity = 0 gpm, or 0.000 cfs

Total sprinkler capacity = 352 gpm, or 0.784 cfs

Note: If entered values return a result of 0 gpm or "#N/A", then the sprinkler capacity chart does not contain a rate for that nozzle size and PSI.  
A rough alternate calculation can be made using this formula:  
 $28.93 \times (\text{orifice size in decimal, squared}) \times (\text{square root of pressure})$   
(Source: rainbird.com)

Claim -  $4 \text{ gpm} \times 80 = 320 \text{ gpm} = .71 \text{ cfs}$

Center Pivot - Pump No. 3

$$21.6 + 1.8 + 14.7 = 38.1 \text{ AC} @ \frac{1}{80} \text{ in} = 0.476 \text{ CFS} \checkmark$$

# Rainbird Nozzle Size Reference

| <u>Nozzle #</u> | <u>Size (in)</u> |
|-----------------|------------------|
| 4               | 1/16             |
| 5               | 5/64             |
| 6               | 3/32             |
| 7               | 7/64             |
| 8               | 1/8              |
| 9               | 9/64             |
| 10              | 5/32             |
| 11              | 11/64            |
| 12              | 3/16             |
| 13              | 13/64            |
| 14              | 7/32             |
| 15              | 15/64            |
| 16              | 1/4              |
| 17              | 17/64            |
| 18              | 9/32             |
| 20              | 5/16             |
| 22              | 11/32            |
| 24              | 3/8              |
| 26              | 13/32            |
| 28              | 7/16             |
| 30              | 15/32            |
| 32              | 1/2              |
| 34              | 17/32            |
| 36              | 9/16             |
| 40              | 5/8              |
| 44              | 11/16            |

### III. CONDITIONS

Please pay special attention to this section. All conditions contained in the permit or transfer final order shall be addressed. Reports that do not address all performance related conditions will be returned.

#### 1. Time Limits:

a. Permits or transfer Final Orders contain any or all of the following dates; the date when the actual construction work was to begin, the date when the construction was to be completed, and the date when the complete application of water to the proposed use is to be completed by. These dates may be referred to as ABC dates. Describe how the water user has complied with each of the development timelines established in the permit or transfer final order:

|                               | Dates from permit or transfer final order | Date accomplished | Description of actions taken by water user to comply with the time limits                          |
|-------------------------------|-------------------------------------------|-------------------|----------------------------------------------------------------------------------------------------|
| Begin construction            | Oct. 1, 1996                              |                   |                                                                                                    |
| Complete construction         | Oct. 1, 1998                              |                   |                                                                                                    |
| Complete application of water | Oct. 1, 1999                              |                   | An extension of time was granted to complete the construction and apply the water to Oct. 1, 2004. |

#### 2. Initial Water Level Measurements:

\*\*If the Claim is for surface water or a reservoir, or if the water user was not required to submit static water level measurements, items b through e relating to this section can be deleted.

a. Was the water user required to submit an initial static water level measurement? NA

b. What month was the initial measurement to be taken in? NA

c. Did an authorized individual (as stated in the permit or transfer final order) make the initial static water level measurement in the month required?

NA

d. If "YES", was the measurement submitted to the Department? NA

e. If the initial measurement not been submitted, provide that measurement now if available:

| Date of measurement | Who made measurement | Method | Measurement |
|---------------------|----------------------|--------|-------------|
| NA                  |                      |        |             |

#### 3. Annual Static Water Level Measurements:

\*\*If the Claim is for surface water or a reservoir, or if the water user was not required to submit static water level measurements, items b through e relating to this section can be deleted.

a. Was the water user required to submit annual static water level measurements? NA

b. In the box below, provide the month in which the static water level was to be made:

NA

c. Were the static water level measurements taken in the month required? NA

d. If "YES", were those measurements submitted to the Department? NA

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e. If the annual measurements were not submitted, provide the measurements now in the box below:

| Year | Month | Measurement made by | Measurement |
|------|-------|---------------------|-------------|
| NA   |       |                     |             |
|      |       |                     |             |
|      |       |                     |             |
|      |       |                     |             |
|      |       |                     |             |

4. **Measurement, recording, and reporting conditions:**

a. Does the permit or transfer final order require the installation of a meter or approved measuring device?  
YES      \*\*If "NO", items b through g relating to this section can be deleted.

b. Has a meter been installed?      YES

c. Provide the date the meter was installed:

September 1998

d. If a meter has not been installed, has a suitable measuring device been installed and approved by the Department?    YES    NO    NA

e. If "YES", provide a copy of the letter approving the device, if available. If the letter is not available provide the name and title of the Water Resources Department employee approving the measuring device, and the approximate date of the approval:

| Name | Title | Approximate date |
|------|-------|------------------|
| NA   |       |                  |

f. Is the water user required to report the water use to the Department?    NO

g. Have the reports been submitted?    NA

If the reports have not been submitted, attach a copy of the reports if available.

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5. **Fish Screening and/or By-pass Devices**

a. Are any points of diversion required to be screened and/or have a by-pass device to prevent fish from entering the point of diversion?    NO

\*\*If "NO", items b through i relating to this section can be deleted

6. **Pump Test** (typically required for ground water uses prior to issuance of a certificate, but not a requirement of permit development)

a. Did the permit or transfer final order require the submittal of a pump test?      YES    NO    NA

b. Has a pump test been submitted and approved by the Department?      YES    NO

c. If no, is the pump test attached to this Claim?      YES

7. **Other Permit Conditions** (examples: special well construct standards, water conservation plans, no obstructions to fish without a fishway, etc.; number as appropriate.)

#### IV. Attachments, Conclusions, Map and Signatures

##### Attachments

If you are attaching any documents to this report, provide a list below:

| Attachment name | Description                         |
|-----------------|-------------------------------------|
| Well Logs       | Well logs for Wells no. 1 and no. 2 |
| Pump Tests      | Pump tests for Pump #1 and Pump #4  |
|                 |                                     |

##### Permit and Transfer Final Order Rates and System Rates Comparisons:

| POD or POA name or # | Maximum rate allowed by permit or transfer final order | Calculated theoretical rate of water based on system | Actual amount of water measured (if measured) | Developed use | # of acres allowed by permit or transfer final order | # of acres developed |
|----------------------|--------------------------------------------------------|------------------------------------------------------|-----------------------------------------------|---------------|------------------------------------------------------|----------------------|
| Wells 1 & 2          | 1.16 CFS                                               | 520 GPM                                              | Not Measured                                  | 520 GPM       | 92.5 AC                                              | 92.5 AC              |
|                      |                                                        |                                                      |                                               |               |                                                      |                      |
|                      |                                                        |                                                      |                                               |               |                                                      |                      |
|                      |                                                        |                                                      |                                               |               |                                                      |                      |

##### Claim of Beneficial Use Map

The Claim of Beneficial Use Map must be submitted with this Claim. Claims submitted without the Claim of Beneficial Use map will be returned. The map shall be submitted on poly film at a scale of 1" = 1320', 1" = 400', or the original full-size scale of the county assessor map for the location.

In the following box, provide a general description of the survey method used to prepare the map. Examples of possible methods include, but are not limited to, a traverse survey, GPS, or the use of aerial photos. If the basis of the survey is an aerial photo, provide the source, date, series and the aerial photo identification number.

Aerial Photo provided by owner, Tom Strand. This aerial is from Bend Mapping and Blueprinting located in Bend, Oregon. The aerial flight for this photo took place September 11, 1998. There are no series numbers or aerial photo identification.

##### CWRE Statement, Seal and Signature

The facts contained in this Claim of Beneficial Use are true and correct to the best of my knowledge.

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# Mailing List for Certificate

Application: G-12177

Permit: G-12561

Certificate:

Permit/Certificate Holder:

THOMAS G. STRAND  
18880 NW LONE PINE LANE  
TERREBONNE OR 97760

NORTHWEST FARM CREDIT SERVICES, ACA  
PO BOX 607  
REDMOND OR 97756

| Copies Mailed |         |
|---------------|---------|
| by:           | _____   |
|               | (STAFF) |
| on:           | _____   |
|               | (DATE)  |

## Copies of Final Certificate to be sent to:

1. Watermaster District #: 11
2. Data Center (include copy of map)
3. Water Availability
4. Vault
5. File

## Other persons to receive copies: (include map):

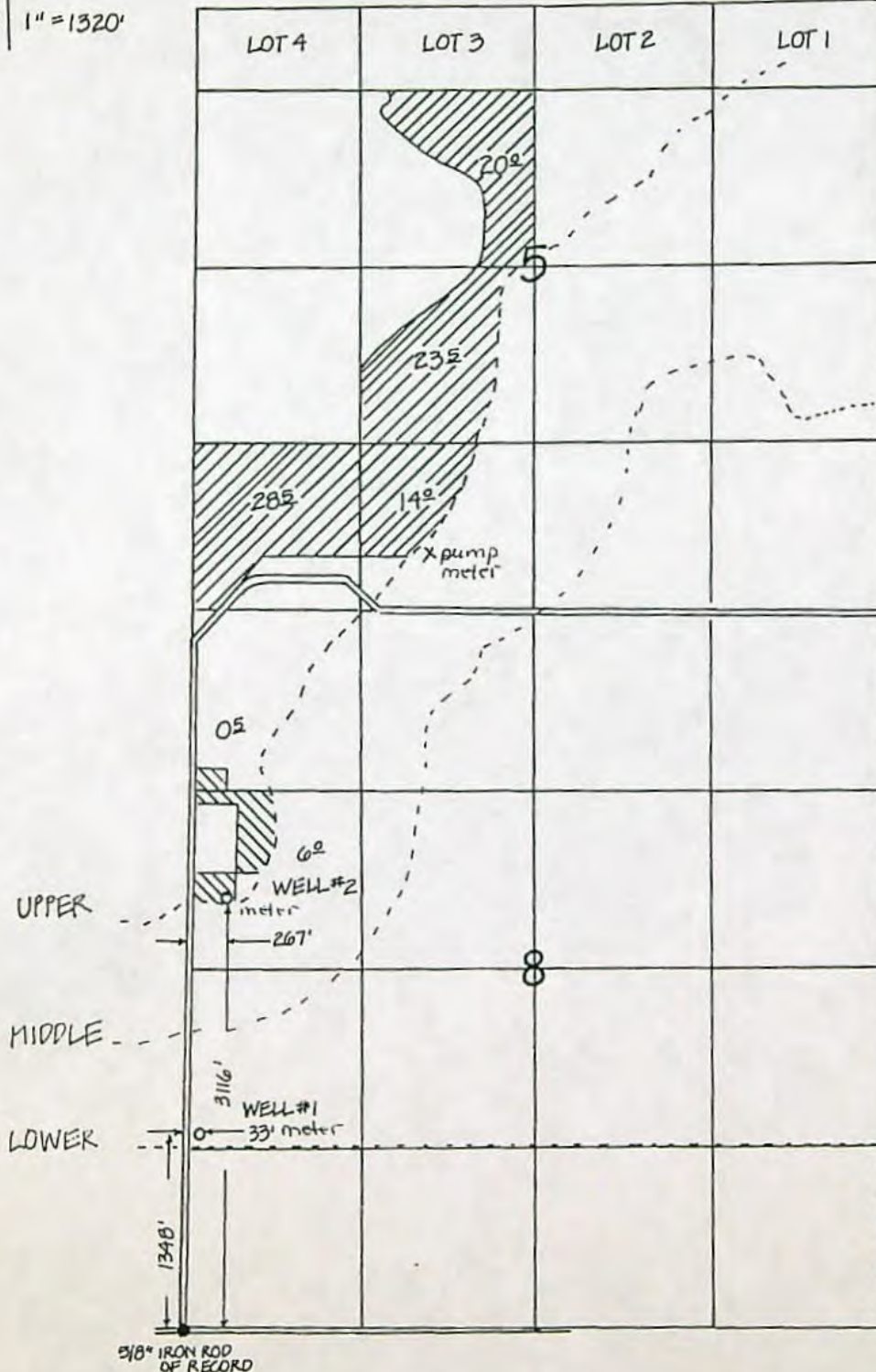
1. WILLIAM R TYE, CWRE, TYE ENGINEERING & SURVEYING
2. CURRENT LANDOWNER - TAXLOT - 14-14-05-00-00300; 00400.  
FOUR LAZY F RANCH LLC  
18880 NW LONE PINE LN  
TERREBONNE OR 97760

APPLICATION MAP  
APPROPRIATION OF WATER  
T.14S., R.14E., W.M.

Application No. 6-12177  
Permit No.

SCALE 1" = 1320'

JEFFERSON COUNTY  
CROOK COUNTY



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SALEM, OREGON

NO REPRESENTATION IS  
INTENDED TO PROVIDE  
DIMENSIONS OR LOCATION  
OF PROPERTY OWNERSHIP  
LINES.



LEGEND

- WELL #1 TOTAL = 862
- WELL #2 TOTAL = 651

DEJARNATT LAND SURVEYS, INC.

63885 N. HWY. 97  
BEND, OREGON 97101  
(503) 382-4192

JOB # 90061  
SHEET 1 OF 1  
JULY 11, 1990  
REVISED 4-12-93

## NOTICE OF BEGINNING OF CONSTRUCTION

I, Thomas G. Strand, the holder of Permit No. G-12561to appropriate the public waters of the state of Oregon, began the actual construction of the works described therein the 8 day of July, 1996.Remarks: See Attached well reports

The appropriator must state the manner of beginning of construction, the amount of work completed and the type of equipment

required to install the water system up to the date of this statement, and any additional information which shows a substantial beginning of construction as

authorized by your permit.

IN WITNESS WHEREOF, I have hereunto set my hand this 25 day of September, 1998.Thomas G. Strand  
(Signature of Applicant)18880 N.W. Lone Pine Lane Terrahona, Ore.  
(Address)97760

Fill out, detach and mail to the Water Resources Department, Salem, OR 97310, when construction work is begun.

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WATER RESOURCES DEPT.  
SALEM, OREGON

Form C (690-9-77)

**IMPORTANT**—This form is a notice to the Water Resources Director that permittee is ready to make final proof to the extent to which the water has actually been applied to the intended use under the terms of the permit. Permittee is cautioned that Certificate of Water Right will be issued based on the extent of the quantity and use as determined by the final proof inspection and survey which will be made in response to the filing of this Form C.

**NOTE:** In the case of an irrigation permit, this Form C should not be mailed to the Water Resources Department until all of the land described in the permit, which it is intended to irrigate under this permit at any time, has actually been irrigated.

Fill out, detach and mail to the Water Resources Department, Salem, OR 97310, when all of the water has been applied.

Application No. G-12177

**NOTICE OF COMPLETE APPLICATION OF WATER TO A BENEFICIAL USE**

I, Thomas G. Strand, the holder of Permit No. G-12561  
to appropriate the public waters of the state of Oregon, completely applied the waters to a beneficial use in accordance with the terms of said permit, on the 25 day of September, 1998.

Remarks: \_\_\_\_\_

IN WITNESS WHEREOF, I have hereunto set my hand this 25 day of September, 1998.

Thomas G. Strand

(Signature of Applicant)

18880 N.W. Lone Pine Lane - Terrebonne, Ore.

(Address)

97760

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WATER RESOURCES DEPT.  
SALEM, OREGON

124784 10-22-87 NW 1/4 (160ac)  
41408 000300 E NW 1/4 SW 1/4 (40ac)

STATE OF OREGON  
WATER WELL REPORT  
(as required by ORS 537.765)

FEB 15 1989

MAR 13 1989

(START CARD) #

NSC

(1) OWNER:

Name Tom Strand

Address Box 53

City Terrebonne

State Ore.

Zip 97760

Well Number:

WATER

(9) LOCATION OF WELL by legal description:

SALEM, OREGON

Latitude

Longitude

Township

14 S.

N or S, Range

14 S.

E or W, WM.

Section

8

S. E.

1/4 N. E.

1/4

Tax Lot

Lot

Block

Subdivision

Street Address of Well (or nearest address) Box 54

(2) TYPE OF WORK:

☒ New Well ☐ Deepen ☐ Recondition ☐ Abandon

(3) DRILL METHOD

☐ Rotary Air ☐ Rotary Mud ☒ Cable

☐ Other

(4) PROPOSED USE:

☐ Domestic ☐ Community ☐ Industrial ☒ Irrigation

☐ Thermal ☐ Injection ☐ Other

(5) BORE HOLE CONSTRUCTION:

Special Construction approval Yes No Depth of Completed Well 240 ft.

Explosives used Yes No ☒ Type Amount

HOLE SEAL Diameter From To Material From To Amount

16" 0 20 Bentonite 0 20' 34 sacks

14" 20 240

How was seal placed: Method ☐ A ☐ B ☐ C ☐ D ☐ E

☒ Other Poured down Dry

Backfill placed from ft. to ft. Material

Gravel placed from ft. to ft. Size of gravel

(6) CASING/LINER:

Diameter From To Gauge Steel Plastic Welded Threaded

Casing 12" 0 160 250 ☒ ☐ ☒ ☐

12" 160 240 375 ☒ ☐ ☒ ☐

Liner

Final location of shoe(s)

(7) PERFORATIONS/SCREENS:

☒ Perforations Method Factory

☐ Screens Type Material

From To Slot size Number Diameter Tele/pipe size Casing Liner

122' 142' 1/8" 5 720 1540 ☒ ☐

215' 225' 360 ☐ ☐

(8) WELL TESTS: Minimum testing time is 1 hour

☐ Pump ☒ Bailer ☐ Air ☐ Flowing

Yield gal/min Drawdown Drill stem at Time

50 0' 1 hr.

Temperature of water 54 Depth Artesian Flow Found

Was a water analysis done? ☐ Yes By whom

Did any strata contain water not suitable for intended use? ☐ Too little

☐ Salty ☐ Muddy ☐ Odor ☐ Colored ☐ Other

Depth of strata:

(10) STATIC WATER LEVEL:

98' ft. below land surface. Date 5/20/88

Artesian pressure lb. per square inch. Date

(11) WATER BEARING ZONES:

Depth at which water was first found 122'

| From | To   | Estimated Flow Rate | SWL |
|------|------|---------------------|-----|
| 122' | 141' | 2003PM.             | 98' |
| 215' | 225' | 2003PM.             | 98' |

(12) WELL LOG:

| Material                       | From | To   | SWL |
|--------------------------------|------|------|-----|
| Overburden                     | 0    | 3'   |     |
| sandstone                      | 3'   | 44'  |     |
| Brown Claystone                | 44'  | 88'  |     |
| Red Clay                       | 88'  | 97'  |     |
| Brown Clay + Gravel            | 97'  | 122' |     |
| Light Brown Clay + Gravel      | 122' | 136' | 98' |
| Med. Gravel + Yellow Clay W.P. | 136' | 141' | 98' |
| Brown Clay + Gravel            | 141' | 165' |     |
| Brown Sandstone                | 165' | 215' |     |
| Med. Gravel W.P.               | 215' | 225' | 98' |
| Yellow Clay                    | 225' | 240' |     |

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Date started 3-10-88 Completed 5-20-88

(unbonded) Water Well Constructor Certification:

I certify that the work I performed on the construction, alteration, or abandonment of this well is in compliance with Oregon well construction standards. Materials used and information reported above are true to my best knowledge and belief.

Signed [Signature] WWC Number 677

Date 5-20-88

(bonded) Water Well Constructor Certification:

I accept responsibility for the construction, alteration, or abandonment work performed on this well during the construction dates reported above. all work performed during this time is in compliance with Oregon well construction standards. This report is true to the best of my knowledge and belief.

Signed [Signature] WWC Number 608

Date 5-20-88

14 14 08 00 300

AUG 12 1981

State Well No.

WATER RESOURCES DEPT

SALEM, OREGON

System Permit No.

Record

## Gravel placed from ..... ft. to ..... ft.

Contractor's License No. 782 Date July 31, 1981, 19...

SP# 12658-690

# Completion Checklist for CWRE Claims of Beneficial Use



Date Received 9/29/2005  
CWRE Name William Tye  
Claim Logged ✓  
File Marked ✓  
Oversized Map # 0187  
Read and attach copy of permit or transfer

Application # G 12177  
Permit # G 12561  
Transfer # \_\_\_\_\_  
Date \_\_\_\_\_  
Reviewer \_\_\_\_\_

## Map Review:

- ☐ Map on polyester film
- ☐ Application & permit #; or transfer #
- ☐ Disclaimer
- ☐ North arrow
- ☐ CWRE stamp and signature
- ☐ Appropriate scale (1" = 1320', 1" = 400', or the original full-size scale of the county assessor map)
- ☐ Township, range, section, and tax lot numbers
- ☐ Source illustrated if surface water
- ☐ Point(s) of diversion or appropriation (illustrated)
- ☐ Point(s) of diversion or appropriation (coordinates)
- ☐ Conveyance structures illustrated (pump, pipelines, ditches, etc.)
- ☐ Description of the location, in relation to the point of diversion or appropriation, of any fish screens, by-pass devices, and measuring devices required
- ☐ Place of use (1/4 1/4, or projected 1/4 1/4 lines within DLCs, or Gov Lots; if irrigation, # of acres in each subdivision; if for domestic or human consumption, location of dwelling or spigot)
- ☐ Checked to legal description

## Report Review:

- ☐ On form or format provided by the Department
- ☐ Application & permit #; or transfer #
- ☐ County
- ☐ Tax lot information
- ☐ Date of survey
- ☐ Person interviewed
- ☐ Ownership information
- ☐ Source(s) of water
- ☐ Point of diversion/appropriation location
- ☐ Use, period of use, and rate for use
- ☐ Place of use location
- ☐ Type of use
- ☐ Extent of use
- ☐ Rate and Duty
- ☐ Diversion rate for each use
- ☐ Description of conveyances system (from POD to POU)
- ☐ Diversion works description (pump make, serial model, capacity, and description)
- ☐ System capacity
  - ☐ Calculated capacity of system (required)
  - ☐ Measured amount of use (optional)
- ☐ Permit conditions
  - ☐ Time limits
  - ☐ Initial water level measurements
  - ☐ Annual static water level measurements
  - ☐ Measurement, recording, and reporting
    - ☐ Meter/measuring device
    - ☐ Water use reporting
  - ☐ Fish screening and/or by-pass
  - ☐ Pump test (ground water)
  - ☐ Other conditions
- ☐ \_\_\_\_\_
- ☐ \_\_\_\_\_
- ☐ CWRE stamp and signature
- ☐ Signature(s) of permittee of transfer holder

## Certificate Issuance Processing Checklist

\_\_\_\_ Map and COBU reviewed  
\_\_\_\_ Conflict check (include copy of plat card printout)  
\_\_\_\_ Check current ownership

Any Conflicts? \_\_\_\_\_

### Staff Recommendations:

\_\_\_\_ Proof to the Satisfaction has been established to the full extent as described in the permit or transfer order.

\_\_\_\_ Proof to the Satisfaction has been not been established to the full extent as described in the permit or transfer order and the right should be limited as follows: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

\_\_\_\_ Proof to the Satisfaction has not been established for the following reasons: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

\_\_\_\_ **Proposed Actions:**  
Send letter requesting the following items/information: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

\_\_\_\_ Send letter recommending extension to cure deficiencies: \_\_\_\_\_  
\_\_\_\_\_

Can certificate be processed further?

\_\_\_\_ Yes

If "Yes":

\_\_\_\_ Proposed  
\_\_\_\_ Final

Certificate # \_\_\_\_\_

Mailing list:

Proposed:

Final:

## CLAIM OF BENEFICIAL USE

The completion of this form is required by OAR 690-014-010(1) and 690-014-0110(4).

Please type or print in dark ink. If this form is found to contain errors or omissions, it may be returned to you. Every numbered item must have a response. If any requested information does not apply to the Claim, insert "n/a." Do not delete any section of this form unless directed by the form. The Department may require the submittal of additional information from any water user or authorized agent. A separate form shall be completed for each permit or transfer final order.

### I. General Information

#### 1. File Information

|                                   |                               |
|-----------------------------------|-------------------------------|
| Application Number (G, R, S or T) | Permit Number (if applicable) |
| G-12177                           | G-12561                       |

#### 2. Property owner (current owner information)

##### a. Individuals

|                 |                         |  |
|-----------------|-------------------------|--|
| Name            | Thomas G Strand         |  |
| Mailing Address | 18880 NW Lone Pine Lane |  |
| City/State/Zip  | Terrebonne, OR 97760    |  |
| Phone #         | 541 548-5747            |  |
| Fax #           |                         |  |
| e-mail address  |                         |  |

##### b. Businesses/Organizations

|                          |     |
|--------------------------|-----|
| Name                     | N/A |
| Contact Person and Title | N/A |
| Mailing Address          | N/A |
| City/State/Zip           | N/A |
| Phone                    | N/A |
| Fax                      | N/A |
| e-mail                   | N/A |

If the current property owner is not the permittee or transfer holder of record, it is recommended that an assignment be filed with the Department.

#### 3. Permittee / Transferee of record (this may not be the current property owner)

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|                 |                         |              |
|-----------------|-------------------------|--------------|
|                 | Individual 1            | Individual 2 |
| Name            | Thomas G Strand         |              |
| Mailing Address | 18880 NW Lone Pine Lane |              |
| City/State/Zip  | Terrebonne, OR 97760    |              |

d. Businesses/Organizations

|                          |     |
|--------------------------|-----|
| Name                     | N/A |
| Contact Person and Title | N/A |
| Mailing Address          | N/A |
| City/State/Zip           | N/A |

4. Date of Site Inspection: September 29, 2004

5. Person(s) interviewed and description of their association with the project:

| Name       | Date    | Association with the project |
|------------|---------|------------------------------|
| Tom Strand | 9-29-04 | Owner                        |
|            |         |                              |

6. County: Crook County

7. Tax Lot Information:

| Tax map number | Tax lot number |
|----------------|----------------|
| 14-14-5        | TL 400         |
| 14-14-8        | TL 300         |
|                |                |

8. If any property described in the place of use of the permit or transfer final order is excluded from this report, identify the owner of record for that property (ORS 537.230(3)):

**\*\*Mark "NA" if there are no owners of property not included in this claim**

|                          |     |
|--------------------------|-----|
| Name                     | N/A |
| Contact Person and Title | N/A |
| Mailing Address          | N/A |
| City/State/Zip           | N/A |
| Phone #                  | N/A |

|                          |                         |
|--------------------------|-------------------------|
| Name                     |                         |
| Contact Person and Title | Thomas G Strand Owner   |
| Mailing Address          | 18880 NW Lone Pine Lane |
| City/State/Zip           | Terrebonne, OR 97760    |
| Phone #                  | 541-548-5747            |

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**I. Points of Diversion/Appropriation and Place of Use**

For each point of diversion or appropriation, provide the following information. If the claim is for more than one point of diversion/appropriation, copy and complete this section for each point of diversion or appropriation.

6. Place of use for the point of diversion or appropriation:

| DLC | Gov lot | 1/4 1/4 | Section | Township | Range | Use | # of primary acres    | # of supplemental acres |
|-----|---------|---------|---------|----------|-------|-----|-----------------------|-------------------------|
|     |         | SW SW   | 5       | T14S     | R14E  | IRR | 29.8 AC               |                         |
|     |         | SE SW   | 5       | T14S     | R14E  | IRR | 8.6 AC                |                         |
|     |         | NE SW   | 5       | T14S     | R14E  | IRR | 2.9 AC                | 23.1                    |
|     |         | SE NW   | 5       | T14S     | R14E  | IRR | 21.6 AC               |                         |
|     |         |         |         |          |       |     |                       |                         |
|     |         | NW NW   | 8       | T14S     | R14E  | IRR | 0.9 (prev. certified) |                         |
|     |         | SW NW   | 8       | T14S     | R14E  | IRR | 5.6 (prev. certified) |                         |

**Total Acres Irrigated 69.4 AC Primary – 23.1 ac Supp.**

**Groundwater Source Information (Well and Sump)**

**\*\*If the appropriation is not from ground water (well or sump), this section, items 1-5, can be deleted.**

1. Describe the access port (type and location) or other means to measure the water level in the well in the box below:

2" access port for Well no. 1 and 2

2. If well logs are not available, provide as much of the following information as possible: see attached logs

| Casing Diameter | Casing Depth | Total Depth | Completion Date of Original Well | Completion Dates of Alterations | Who the well was drilled for | Well drilled by |
|-----------------|--------------|-------------|----------------------------------|---------------------------------|------------------------------|-----------------|
|                 |              |             |                                  |                                 |                              |                 |

In addition to the information requested in item "2" above, provide any other information which may help the Department locate any well logs associated with this appropriation.

NA

**\*\*If the appropriation is not from a sump, the following section, items 3-4, can be deleted. Construction standards for sumps can be found in OAR 690-210-0400.**

**Gravity flow canal or ditch** (The Department typically uses Manning's formula for canals and ditches)

**\*\*If this claim does not rely on a gravity flow canal or ditch to convey the water as part of the distribution system, this section, items 1-3, can be deleted.**

1. If the system involves a gravity canal or ditch, complete the table below. Upper Lone Pine Canal

| Canal or ditch type (material) | Top width of canal or ditch | Bottom width of canal or ditch | Depth | "N" factor | Amount of fall | Length of canal/ditch | Slope | Computed volume |
|--------------------------------|-----------------------------|--------------------------------|-------|------------|----------------|-----------------------|-------|-----------------|
| Earth                          | 6'                          | 3'                             | 4'    |            |                |                       |       | 7'              |

2. Provide calculations in the box below:

We are sharing the Ground water with the Upper Lone Pine Canal, Lone Pine Irrigation District. The existing canal is capable of 15 AC feet and it's current usage is 7 AC feet of which 1 AC foot is ground water.

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3. If an actual measurement was taken, provide the following:

| Date of Measurement | Who made the measurement | Measurement method | Measured quantity of water |
|---------------------|--------------------------|--------------------|----------------------------|
| N/A                 |                          |                    |                            |

Attach measurements notes

**System Information:**

Provide the following information concerning the diversion and delivery system. Trace the flow of water from the point of diversion/appropriation to the place of use.

1. Pump information

| Brand | Model   | Serial Number | Type (centrifugal, turbine or submersible) | Intake size | Discharge size |
|-------|---------|---------------|--------------------------------------------|-------------|----------------|
| 1     | Berkley |               | Submersible                                |             | 6              |
| 2     | Century |               | Centrifugal                                | 6           | 6              |
| 3     | Cornell |               | Centrifugal                                | 8           | 6              |
| 4     | Berkley |               | Submersible                                |             | 4              |

2. Motor information

| Brand | Model    | Horsepower | Max RPM | Voltage |
|-------|----------|------------|---------|---------|
| 1     | Franklin | 30         | 3600    | 480     |
| 2     |          | 30         | 3600    | 480     |
| 3     |          | 20         | 3526    | 480     |
| 4     | Franklin | 15         | 3600    | 220     |

3. Meter information (if required in permit or transfer final order)

| Make           | Serial # | Condition (working or not) | Current meter reading | Notes |
|----------------|----------|----------------------------|-----------------------|-------|
| 1 Mc Crommeter | 916447   | working                    |                       | 6"    |
| 2 Mc Crommeter | 916446   | working                    |                       | 6"    |
| 3 Aqua 900     | 30241    | working                    |                       | 8"    |
| 4 Mc Crommeter | 914384   | working                    |                       | 4"    |
| 5 Mc Crommeter | 914383   | working                    |                       | 4"    |

4. Measurement device description

| Device description | Condition (working or not) | Notes |
|--------------------|----------------------------|-------|
| Micrometer         | working                    |       |

5. Measured pump capacity (using meter if meter was present and system was operating)

| Initial meter reading | Ending meter reading | Duration of time observed | Total pump output |
|-----------------------|----------------------|---------------------------|-------------------|
| NA                    |                      |                           |                   |

6. Theoretical pump capacity

| Horsepower | Operating psi | Lift from source to pump<br>*If a well, the water level during pumping (see pump test results) | Lift from pump to place of use | Total pump output |
|------------|---------------|------------------------------------------------------------------------------------------------|--------------------------------|-------------------|
| Pump 1     | 0             | See attached pump test                                                                         | 320'                           | 380               |
| Pump 2     | 60            |                                                                                                | 50'                            | 160               |
| Pump 3     | 60            |                                                                                                | 10'                            | 650'              |
| Pump 4     | 60            | See attached pump test                                                                         | 300'                           | 160               |

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### 8. Mainline information

| Mainline size | Length  | Type of pipe | Buried or above ground |
|---------------|---------|--------------|------------------------|
| 4"            | 800 LF  | PVC          | BURIED                 |
| 5"            | 400 LF  | PVC          | BURIED                 |
| 6"            | 4300 LF | PVC          | BURIED                 |

### 9. Lateral or handline information

| Lateral or handline size | Length  | Type of pipe | Buried or above ground |
|--------------------------|---------|--------------|------------------------|
| 4" Wheel line            | 1000 LF | Aluminum     | Above ground           |
| Center Pivot             | 1100 LF | PVC          | Above ground           |
| 3" Hand lines            | 1280 LF | Aluminum     | Above ground           |

### 10. Sprinkler information Make and model:

| Make         | Model | Size   | Operating psi | Sprinkler output | Maximum number used | Total sprinkler output |
|--------------|-------|--------|---------------|------------------|---------------------|------------------------|
| Rainbird     | 30    | 5/32"  | 40            | 4 GPM            | 80                  | 320                    |
| Low Pressure |       | varies | 38            | Varies           | 55 plus end gun     |                        |
|              |       |        |               |                  |                     |                        |

Refer to the chart of sprinkler output at various pressures for most nozzle sizes attached to this document.

$$Q_{\text{sprinklers}} = \frac{(\text{max \# heads})(\text{gpm/head})}{448.8 \text{ gpm/cfs}} = \text{cfs}$$

### 11. Additional notes or comments related to the system:

Well no. 1 runs continuously and is used to irrigate 57.9 acres in Section 5. Water is rotated between the sprinkled 21.6 acres in the SE ¼ NW ¼, the sprinkled 24.8 acres in the SW ¼ SW ¼ and the areas irrigated with the Center Pivot being the 8.6 acres in the SE ¼ SW ¼ and the 1.1 acres in the NE ¼ SW ¼ of Section 5.

Well no. 1 is also to be used for supplemental irrigation of 10.0 acres in the NE ¼ SW ¼ of Section 5.

Well no. 2 is used to irrigate 6.5 acres in Section 8 and is rotated to irrigate 5.0 acres in the SW ¼ SW ¼ of Section 5. Well no. 2 is also to be used for supplemental irrigation of 13.1 acres in the NE ¼ SW ¼ of Section 5.

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### III. CONDITIONS

Please pay special attention to this section. All conditions contained in the permit or transfer final order shall be addressed. Reports that do not address all performance related conditions will be returned.

#### 1. Time Limits:

a. Permits or transfer Final Orders contain any or all of the following dates; the date when the actual construction work was to begin, the date when the construction was to be completed, and the date when the complete application of water to the proposed use is to be completed by. These dates may be referred to as ABC dates. Describe how the water user has complied with each of the development timelines established in the permit or transfer final order:

|                               | Dates from permit or transfer final order | Date accomplished | Description of actions taken by water user to comply with the time limits                          |
|-------------------------------|-------------------------------------------|-------------------|----------------------------------------------------------------------------------------------------|
| Begin construction            | Oct. 1, 1996                              |                   |                                                                                                    |
| Complete construction         | Oct. 1, 1998                              |                   |                                                                                                    |
| Complete application of water | Oct. 1, 1999                              |                   | An extension of time was granted to complete the construction and apply the water to Oct. 1, 2004. |

#### 2. Initial Water Level Measurements:

\*\*If the Claim is for surface water or a reservoir, or if the water user was not required to submit static water level measurements, items b through e relating to this section can be deleted.

a. Was the water user required to submit an initial static water level measurement? NA

b. What month was the initial measurement to be taken in? NA

c. Did an authorized individual (as stated in the permit or transfer final order) make the initial static water level measurement in the month required?

NA

d. If "YES", was the measurement submitted to the Department? NA

e. If the initial measurement not been submitted, provide that measurement now if available:

| Date of measurement | Who made measurement | Method | Measurement |
|---------------------|----------------------|--------|-------------|
| NA                  |                      |        |             |

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#### 3. Annual Static Water Level Measurements:

\*\*If the Claim is for surface water or a reservoir, or if the water user was not required to submit static water level measurements, items b through e relating to this section can be deleted.

a. Was the water user required to submit annual static water level measurements? NA

b. In the box below, provide the month in which the static water level was to be made:

NA

c. Were the static water level measurements taken in the month required? NA

d. If "YES", were those measurements submitted to the Department? NA

e. If the annual measurements were not submitted, provide the measurements now in the box below:

| Year | Month | Measurement made by | Measurement |
|------|-------|---------------------|-------------|
| NA   |       |                     |             |
|      |       |                     |             |
|      |       |                     |             |
|      |       |                     |             |
|      |       |                     |             |

4. **Measurement, recording, and reporting conditions:**

a. Does the permit or transfer final order require the installation of a meter or approved measuring device?  
YES \*\*If "NO", items b through g relating to this section can be deleted.

b. Has a meter been installed? YES

c. Provide the date the meter was installed:

September 1998

d. If a meter has not been installed, has a suitable measuring device been installed and approved by the Department? YES NO NA

e. If "YES", provide a copy of the letter approving the device, if available. If the letter is not available provide the name and title of the Water Resources Department employee approving the measuring device, and the approximate date of the approval:

| Name | Title | Approximate date |
|------|-------|------------------|
| NA   |       |                  |

f. Is the water user required to report the water use to the Department? NO

g. Have the reports been submitted? NA

If the reports have not been submitted, attach a copy of the reports if available.

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5. **Fish Screening and/or By-pass Devices**

a. Are any points of diversion required to be screened and/or have a by-pass device to prevent fish from entering the point of diversion? NO

\*\*If "NO", items b through i relating to this section can be deleted

6. **Pump Test** (typically required for ground water uses prior to issuance of a certificate, but not a requirement of permit development)

a. Did the permit or transfer final order require the submittal of a pump test? YES NO NA

b. Has a pump test been submitted and approved by the Department? YES NO

c. If no, is the pump test attached to this Claim? YES

7. **Other Permit Conditions** (examples: special well construct standards, water conservation plans, no obstructions to fish without a fishway, etc.; number as appropriate.)

#### IV. Attachments, Conclusions, Map and Signatures

##### Attachments

If you are attaching any documents to this report, provide a list below:

| Attachment name | Description                         |
|-----------------|-------------------------------------|
| Well Logs       | Well logs for Wells no. 1 and no. 2 |
| Pump Tests      | Pump tests for Pump #1 and Pump #4  |
|                 |                                     |

##### Permit and Transfer Final Order Rates and System Rates Comparisons:

| POD or POA name or # | Maximum rate allowed by permit or transfer final order | Calculated theoretical rate of water based on system | Actual amount of water measured (if measured) | Developed use | # of acres allowed by permit or transfer final order | # of acres developed |
|----------------------|--------------------------------------------------------|------------------------------------------------------|-----------------------------------------------|---------------|------------------------------------------------------|----------------------|
| Wells 1 & 2          | 1.16 CFS                                               | 520 GPM                                              | Not Measured                                  | 520 GPM       | 92.5 AC                                              | 92.5 AC              |
|                      |                                                        |                                                      |                                               |               |                                                      |                      |
|                      |                                                        |                                                      |                                               |               |                                                      |                      |
|                      |                                                        |                                                      |                                               |               |                                                      |                      |

##### Claim of Beneficial Use Map

The Claim of Beneficial Use Map must be submitted with this Claim. Claims submitted without the Claim of Beneficial Use map will be returned. The map shall be submitted on poly film at a scale of 1" = 1320', 1" = 400', or the original full-size scale of the county assessor map for the location.

In the following box, provide a general description of the survey method used to prepare the map. Examples of possible methods include, but are not limited to, a traverse survey, GPS, or the use of aerial photos. If the basis of the survey is an aerial photo, provide the source, date, series and the aerial photo identification number.

Aerial Photo provided by owner, Tom Strand. This aerial is from Bend Mapping and Blueprinting located in Bend, Oregon. The aerial flight for this photo took place September 11, 1998. There are no series numbers or aerial photo identification.

##### CWRE Statement, Seal and Signature

The facts contained in this Claim of Beneficial Use are true and correct to the best of my knowledge.

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Permit or Transfer Holders Signature or Acknowledgement

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• The facts contained in this Claim of Beneficial Use are true and correct to the best of my knowledge. I request that the Department issue a water right certificate.

Thomas G. Strand      Thomas G. Strand      9-24-05  
Signature                      Print or type name                      Date

\_\_\_\_\_  
Signature                      Print or type name                      Date

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# SPRINKLER CAPACITIES BY NOZZLE SIZE IN GALLONS PER MINUTE

This chart is comprised of information gathered from a number of sources and may differ slightly from the manufacturer's specifications.

("\*" designates computed capacity)

\*\*This page can be deleted

|             |       | P.S.I. |     |     |     |      |      |      |       |       |       |       |       |       |       |       |       |       |       |
|-------------|-------|--------|-----|-----|-----|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| NOZZLE SIZE |       | 5      | 10  | 15  | 20  | 25   | 30   | 35   | 40    | 45    | 50    | 55    | 60    | 65    | 70    | 75    | 80    | 85    | 90    |
|             | 3/32  |        |     |     | 1.1 | 1.3  | 1.4  | 1.5  | 1.6   | 1.7   | 1.8   |       |       |       |       |       |       |       |       |
|             | 7/64  |        |     |     | 1.5 | 1.7  | 1.9  | 2    | 2.2   |       |       |       |       |       |       |       |       |       |       |
|             | 1/8   |        |     |     | 1.9 | 2.2  | 2.4  | 2.7  | 2.9   | 3     | 3.2   |       |       |       |       |       |       |       |       |
|             | 9/64  |        |     |     | 2.3 | 2.6  | 2.9  | 3.1  | 3.4   | 3.7   | 4     |       |       |       |       |       |       |       |       |
|             | 5/32  |        |     |     | 3   | 3.4  | 3.8  | 4.1  | 4.4   | 4.7   | 5     |       |       |       |       |       |       |       |       |
|             | 11/64 | 1.9    | 2.7 | 3.3 | 3.7 | 4.2  | 4.6  | 5    | 5.4   | 5.7   | 6     | 6.3   | 6.6   |       |       |       |       |       |       |
|             | 3/16  | 2.2    | 3.2 | 3.9 | 4.3 | 5    | 5.5  | 6    | 6.4   | 6.8   | 7.2   | 7.5   | 7.8   |       |       |       |       |       |       |
|             | 13/64 | 2.9    | 3.6 | 4.5 | 5.1 | 5.9  | 6.5  | 7.1  | 7.6   | 8.1   | 8.5   | 8.9   | 9.2   |       |       |       |       |       |       |
|             | 7/32  |        | 4.1 | 5.1 | 5.8 | 6.8  | 7.6  | 8.3  | 8.9   | 9.4   | 9.9   | 10.3  | 10.6  |       |       |       |       |       |       |
|             | 15/64 |        |     |     |     |      |      | 8.8  |       | 10    |       | 11.2  |       | 12.4  |       |       |       |       |       |
|             | 1/4   |        | 5.2 | 6.4 | 7.4 | 8.9  | 9.8  | 10.6 | 11.4  | 12.1  | 12.8  | 13.4  | 13.9  | 14.8* | 15.3* | 15.9* | 16.4* | 16.9* | 17.4* |
|             | 17/64 |        |     |     |     |      |      |      | 12.5  |       | 14    |       | 15.6  |       | 17.1  |       |       |       |       |
|             | 9/32  |        |     |     |     | 11.2 | 12.3 | 13.3 | 14.3  | 15.2  | 16    | 16.8  | 17.5  | 18.1  | 18.9  | 19.7  | 20.7* | 21.4* | 22*   |
|             | 19/64 |        |     |     |     |      |      |      |       | 16.6  |       | 18.3  |       | 19.9  |       | 21.4  |       |       |       |
|             | 5/16  |        |     |     |     | 13.1 | 15.2 | 16.5 | 17.7  | 18.9  | 20    | 21    | 22    | 23    | 23.9  | 24.8  | 25.7  | 26.4* | 27.1* |
|             | 21/64 |        |     |     |     |      |      |      |       |       | 20.8  |       | 22.7  |       | 24.6  |       | 26.4  |       |       |
|             | 11/32 |        |     |     |     | 16.5 | 18   | 19.7 | 21.1  | 22.5  | 23.8  | 25    | 26.2  | 27.4  | 28.5  | 29.6  | 30.6  | 31.9* | 32.8* |
|             | 23/64 |        |     |     |     |      |      |      |       |       | 24.5  |       | 26.8  |       | 29.1  |       | 31.4  |       |       |
|             | 3/8   |        |     |     |     | 19   | 21   | 22.8 | 24.4  | 26    | 27.5  | 29.1  | 30.6  | 32    | 33.2  | 34.5  | 35.7  | 38*   | 39*   |
|             | 13/32 |        |     |     |     |      |      |      | 29*   | 30.9* | 32.7* | 34.5* | 36.2* | 37.4* | 38.9* | 40.4* | 41.9* | 43.3* | 44.7* |
|             | 7/16  |        |     |     |     |      |      |      | 33.5* | 35.6* | 37.7* | 39.7* | 41.7* | 43.6* | 45.3* | 46.9* | 48.4* | 50.1* | 51.6* |
|             | 1/2   |        |     |     |     |      |      |      | 42.5* | 45.2* | 47.7* | 50.2* | 52.5* | 54.7* | 56.8* | 58.6* | 60.6* | 63.6* | 66.7* |

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SALEM, OREGON

41408 000300 NW 1/4 (160ac)  
NW 1/4 SW 1/4 (40ac)

STATE OF OREGON  
WATER WELL REPORT  
(as required by ORS 537.765)

WELL NO. 1  
25770

FEB 15 1989

MAR 13 1989

CR00 717  
NSC

(1) OWNER:

Name Tom Strand  
Address Box 1 Fox 53  
City Terrebonne State Ore. Zip 97760

Well Number: WATER

(9) LOCATION OF WELL by legal description:

County CLATSOP Latitude \_\_\_\_\_ Longitude \_\_\_\_\_  
Township 14 S. Nor S. Range 14 S. E or W, WM.  
Section 8 S. E. W. N. E. W.  
Tax Lot \_\_\_\_\_ Lot \_\_\_\_\_ Block \_\_\_\_\_ Subdivision \_\_\_\_\_  
Street Address of Well (or nearest address) Box 54

(2) TYPE OF WORK:

☒ New Well ☐ Deepen ☐ Recondition ☐ Abandon

(3) DRILL METHOD

☐ Rotary Air ☐ Rotary Mud ☒ Cable  
☐ Other \_\_\_\_\_

(4) PROPOSED USE:

☐ Domestic ☐ Community ☐ Industrial ☒ Irrigation  
☐ Thermal ☐ Injection ☐ Other \_\_\_\_\_

(5) BORE HOLE CONSTRUCTION:

Special Construction approval Yes No Depth of Completed Well 240 ft.

Explosives used ☐ ☒ Type \_\_\_\_\_ Amount \_\_\_\_\_

HOLE SEAL  
Diameter From To Material From To Amount  
16" 0 20 Bentonite 0 20 34 sacks  
14" 20 240 \_\_\_\_\_

How was seal placed: Method ☐ A ☐ B ☐ C ☐ D ☐ E

☒ Other Poured down Dry

Backfill placed from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Material \_\_\_\_\_

Gravel placed from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Size of gravel \_\_\_\_\_

(6) CASING/LINER:

| Diameter           | From       | To         | Gauge      | Steel                               |                          | Plastic                             |                          | Welded                   | Threaded                 |
|--------------------|------------|------------|------------|-------------------------------------|--------------------------|-------------------------------------|--------------------------|--------------------------|--------------------------|
|                    |            |            |            | From                                | To                       | From                                | To                       |                          |                          |
| Casing: <u>12"</u> | <u>0</u>   | <u>160</u> | <u>250</u> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <u>12"</u>         | <u>160</u> | <u>240</u> | <u>325</u> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Liner:             |            |            |            | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

Final location of shoe(s) \_\_\_\_\_

(7) PERFORATIONS/SCREENS:

☒ Perforations Method Factory  
☐ Screens Type \_\_\_\_\_ Material \_\_\_\_\_

| From        | To          | Slot size    | Number     | Diameter    | Tele/pipe size | Casing                              | Liner                    |
|-------------|-------------|--------------|------------|-------------|----------------|-------------------------------------|--------------------------|
| <u>122'</u> | <u>142'</u> | <u>1/8x5</u> | <u>720</u> | <u>1540</u> |                | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <u>215'</u> | <u>225'</u> |              | <u>360</u> |             |                | <input type="checkbox"/>            | <input type="checkbox"/> |

(8) WELL TESTS: Minimum testing time is 1 hour

☐ Pump ☒ Bailor ☐ Air ☐ Flowing  
Yield gal/min Drawdown Drill stem at Time  
50 0' \_\_\_\_\_ 1 hr.

Temperature of water 54 Depth Artesian Flow Found \_\_\_\_\_

Was a water analysis done? ☐ Yes By whom \_\_\_\_\_

Did any strata contain water not suitable for intended use? ☐ Too little

☐ Salty ☐ Muddy ☐ Odor ☐ Colored ☐ Other \_\_\_\_\_

Depth of strata: \_\_\_\_\_

(10) STATIC WATER LEVEL:

98' ft. below land surface. Date 5/20/88

Artesian pressure \_\_\_\_\_ lb. per square inch. Date \_\_\_\_\_

(11) WATER BEARING ZONES:

| From | To   | Estimated Flow Rate | SWL |
|------|------|---------------------|-----|
| 122' | 141' | 200 GPM.            | 98' |
| 215' | 225' | 200 GPM.            | 98' |

(12) WELL LOG:

| Material                       | From | To   | SWL |
|--------------------------------|------|------|-----|
| Overburden                     | 0    | 3'   |     |
| Sandstone                      | 3'   | 44'  |     |
| Brown Claystone                | 44'  | 88'  |     |
| Red Clay                       | 88'  | 97'  |     |
| Brown Clay + Gravel            | 97'  | 122' |     |
| Light Brown Clay + Gravel      | 122' | 136' | 98' |
| Med. Gravel + Yellow Clay W.P. | 136' | 141' | 98' |
| Brown Clay + Gravel            | 141' | 165' |     |
| Brown Sandstone                | 165' | 215' |     |
| Med. Gravel W.P.               | 215' | 225' | 98' |
| Yellow Clay                    | 225' | 240' |     |

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SEP 29 2005

WATER RESOURCES DEPT  
SALEM OREGON

Date started 3-10-88 Completed 5-20-88

(unbonded) Water Well Constructor Certification:

I certify that the work I performed on the construction, alteration, or abandonment of this well is in compliance with Oregon well construction standards. Materials used and information reported above are true to my best knowledge and belief.

Signed Rayne T. Byrnes WWC Number 677  
Date 5-20-88

(bonded) Water Well Constructor Certification:

I accept responsibility for the construction, alteration, or abandonment of work performed on this well during the construction dates reported above. A work performed during this time is in compliance with Oregon well construction standards. This report is true to the best of my knowledge and belief.

Signed Orville E. Baker WWC Number 608  
Date 5-20-88

1. Provide a general narrative description of the distribution works. This description must trace the water system from the point of diversion or appropriation to and include the place of use:

Water is pumped from well no.1 to the Upper Lone Pine Canal through 1700' of 6" PVC pipe. The pipe has a 6" meter located near the Middle Lone Pine Canal. Well no.1 has a 30hp submersible pump capable of diverting 380 GPM to the Upper Lone Pine Canal.

Water flows down the Upper Lone Pine Canal to the SW corner of the SE ¼ SW ¼ of Section 5 where it is picked up by a 20HP Centrifugal Pump (Pump no. 2) and a 30HP Centrifugal Pump (Pump no. 3). The 20 HP pump (Pump no. 2) boosts the pressure to sprinkle 24.8 acres in the SW ¼ SW ¼ of Section 5. Meter no.2 measures the flow of the 24.8 acres in the SW ¼ SW ¼ of Section 5. The 30HP pump (Pump no. 3) boosts the pressure to irrigate through a center pivot to irrigate 1.1 Acres in the NE ¼ SW ¼, 8.6 Acres in the SE ¼ SW ¼, and 5.0 Acres in the SW ¼ of the SW ¼ of Section 5. The pivot irrigates a total of 98.0 acres. Pump no. 3 irrigates 14.7 acres (1.1 ac + 8.6 ac + 5.0 ac) or 15% of the total pivot area. The 30HP (Pump no.3) also pumps water to sprinkle irrigate 21.6 acres in the SE ¼ NW ¼ and 1.8 acres in the NE ¼ SW ¼ of Section 5. This usage is measured by meter no. 4.

Well no.2 was previously issued a certificate under permit G-12561. Well no.2 is used to irrigate 5.0 acres in the SW ¼ SW ¼ of Section 5, 0.9 acres in the NW ¼ NW ¼ of Section 8 and 5.6 AC in the SW ¼ NW ¼ of Section 8 and also capable of pumping 140 GPM into the Upper Lone Pine Canal for supplemental irrigation of 5.0 acres in the SW ¼ SW ¼ of Section 5.

2. Point of diversion/appropriation name or number (correspond to map):

| Point of diversion/appropriation name or number<br>(correspond to map) | Well log ID # for all<br>work performed on<br>the well<br>(if applicable) | Well tag #<br>(if applicable) |
|------------------------------------------------------------------------|---------------------------------------------------------------------------|-------------------------------|
| 1348' North and 33' East of the SW cor. of Sec. 8, T14S, R14E          | Well no.1                                                                 |                               |
| 3116' North and 267' East of the SW cor. of Sec. 8, T14S, R14E         | Well no.2                                                                 |                               |

Attach each well log available for the well (include the log for the original well and any subsequent alterations, reconstructions, and deepenings)

3. Point of diversion/appropriation source and, if from surface water, the tributary:

| Source       | Tributary to  |
|--------------|---------------|
| Ground Water | Crooked River |

4. Point of diversion/appropriation location:

| (DLC, Government Lot, ¼ ¼, Section, Township, Range) | Reference to a recognized public land survey corner<br>by distance and bearing or by coordinates |
|------------------------------------------------------|--------------------------------------------------------------------------------------------------|
| NW ¼ SW ¼, Sec. 8, T14S, R14E (Well no. 1)           | 1348' N & 33' E of the SW cor. Sec. 8, T14S, R14E                                                |
| SW ¼ NW ¼, Sec. 8, T14S, R14E (Well no. 2)           | 3116' N & 267' E of the SW cor. Sec. 8, T14S, R14E                                               |

5. Actual use(s), period of use, and rate for each use:

| Uses       | If irrigation, list crop type | When water is used | Rate for use |
|------------|-------------------------------|--------------------|--------------|
| Irrigation | Grass Hay                     | 4-15 to 10-15      | 520 GPM      |
|            |                               |                    |              |
|            |                               |                    |              |

Total Quantity of Water 277 ac/ft

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SEP 29 2005

WATER RESOURCES DEPT  
COBU Version 1.0 OREGON

May 8, 2006

Thomas G. Strand  
18880 NW Lone Pine Lane  
Terrebonne, OR 97760

Withdrawn  
T-7265  
Exchange

Lisa J. Jaramillo  
Transfer Specialist  
Field Services Division

Water Resources Department  
North Mall Office Building  
725 Summer Street NE, Suite A  
Salem, OR 97301-1266

Dear Ms Jaramillo:

Transfer T-7265

I wish to withdraw Transfer application T-7265 and receive a refund.

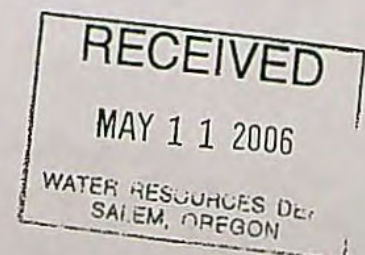
I've been involved in this water transfer process since 1989 when Bob Main suggested that I do this. My new application for permit # G-12561 will accomplish the same outcome.

Thank you for helping move this process forward.

Sincerely,

*Thomas G. Strand*

Thomas G. Strand





# Oregon

Theodore R. Kulongoski, Governor

April 25, 2006

T-7265

Water Resources Department  
North Mall Office Building  
725 Summer Street NE, Suite A  
Salem, OR 97301-1266  
503-986-0900  
FAX 503-986-0904

Thomas G. Strand  
18880 NW Lone Pine Lane  
Terrebonne, OR 97760

REFERENCE: Transfer Application T-7265

Dear Mr. Strand:

On September 30, 1994, the Department received a transfer application for an exchange from you, and assigned the number T-7265.

The Department recently reviewed Transfer T-7265 and determined that we will not be able to approve the transfer request.

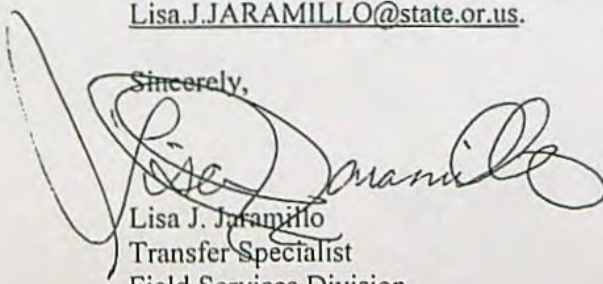
Furthermore, it has come to our attention that you recently filed a Claim of Beneficial Use report and survey map for Permit #G-12561, which accomplishes the same outcome proposed under the transfer application for an exchange (T-7265). Because of this, it appears that the exchange is no longer necessary.

At this time, you may request to withdraw Transfer Application T-7265 and receive a refund of all fees paid except for \$50.

If you choose to pursue withdrawal of the transfer application, please submit a signed statement indicating that you wish to withdraw Transfer Application T-7265, and send it to my attention at the address above.

Thank you for your patience in this matter, and if you have any questions regarding this matter, please feel free to contact me by telephone at (503) 986-0880 or by e-mail at [Lisa.J.JARAMILLO@state.or.us](mailto:Lisa.J.JARAMILLO@state.or.us).

Sincerely,



Lisa J. Jaramillo  
Transfer Specialist  
Field Services Division

cc: Transfer T-7265  
Jeremy Giffin, WM District 11  
Bruce Estes, CWRE, 60382 Arnold Market Road, Bend, OR 97702-9639

enclosures: Copy of Permit #G-12561  
Copy of COBU and survey map for Permit #G-12561  
Copy of Transfer Application T-7265 and map

Lisa Jaramillo

---

**From:** Kyle Gorman [Kyle.G.Gorman@wrд.state.or.us]  
**Sent:** Friday, April 28, 2006 12:39 PM  
**To:** Lisa JUUL  
**Subject:** Tom Strand

-->

Lisa,

I spoke to Tom Strand today and told him that he ought to send the letter to you to withdraw his transfer application T-7265 and that he would be okay in doing so. Let me know if you don't receive a letter in the near future.

Thanks, Have a great day!

Kyle

Kyle Gorman

Region Manager

541-388-6669

Kyle.G.Gorman@wrд.state.or.us

*Be water wise - water isn't all you save*

4/28/2006

X-Sender: nelsongl@mailhub.wrd.state.or.us

X-Mailer: QUALCOMM Windows Eudora Version 5.1

Date: Tue, 02 Sep 2003 16:44:41 -0700

To: Lisa.J.JUUL@wrд.state.or.us

From: Greg Nelson <Greg.L.NELSON@wrд.state.or.us>

Subject: Permit Extension for G-12561 (Tom Strand)

Cc: Dwight.W.FRENCH@wrд.state.or.us, Thomas.J.PAUL@wrд.state.or.us

We will be receiving soon an application for permit extension on G-12561 that was sent by certified mail today. This application is the result of our working with the applicant to resolve a situation where WRD failed to process an exchange (transfer T-7265) application filed in September of 1994.

I discussed the situation with Dwight and Steve Brown and we identified alternatives to address the situation. This extension application follows through on one of the identified alternatives.

Given our failings, I respectfully request expedited action on processing this permit extension with the goal of having an order issued on the disposition of the application as soon as possible given the resources at our disposal.

I have in my possession the permit file and the transfer file.

---

Greg Nelson, Field Services Division  
Oregon Water Resources Department  
158 12th Street NE  
Salem, OR 97301-4172  
(503) 378-8455, ext. 285  
(503) 378-8130 (FAX)

---

MEMORANDUM

Date: February 24, 2003

To: Files T-7265 and G-12177 - Strand  
Transfer Section

From: Steve Brown



Application G-12177, Permit G-12561, was an application for permit to replace surface water being diverted from canals under an exchange filed by Application T-7265.

Permit G-12561 authorizes the irrigation of land from two wells in Sections 5 and 8, Township 14 South, Range 14 East, W.M. A claim of beneficial use and site report was submitted to the Department which describes the use of water from the wells. It appears only the 6.5 acres of land in Section 8, was irrigated as allowed by the permit.

I recommend a new application for permit, in conjunction with completing the requirements of an exchange be pursued. No proof of water from the wells has been made for the land in Section 5.

From: "Mike Zwart" <Mike.j.zwart@wrд.state.or.us>  
To: "Steve Brown" <Stephen.C.BROWN@wrд.state.or.us>  
Subject: Re: Permit G-12561 - Strand  
Date: Wed, 26 Feb 2003 08:54:02 -0800  
X-Mailer: Microsoft Outlook Express 5.50.4522.1200

Steve,

No approved test(s) were located for this permit.

Mike

----- Original Message -----

From: "Steve Brown" <Stephen.C.BROWN@wrд.state.or.us>  
To: <Mike.J.ZWART@wrд.state.or.us>  
Sent: Monday, February 24, 2003 11:08 AM  
Subject: Permit G-12561 - Strand

> Mike,  
>  
> Please let me know if the pump tests for the above referenced file have  
> been approved.  
>  
> Thank you.  
>  
> Steve

To: Mike Zwart  
From: Steve Brown <Stephen.C.BROWN@wrд.state.or.us>  
Subject: Permit G-12561 - Strand  
Cc:  
Bcc:  
Attached:

Mike,

Please let me know if the pump tests for the above referenced file have been approved.

Thank you.

Steve

Oregon Water Resources Department  
Water Rights Division

Water Rights Application  
Number G-12177

**Final Order**  
**Extension of Time for Permit Number G-12561**

**Appeal Rights**

**This is a final order other than contested case.** Pursuant to ORS 536.075 and OAR 137-004-080 and OAR 690-01-005 you may either petition the Director for reconsideration of this order or petition for judicial review of this order. As provided in ORS 536.075, this order is subject to judicial review under ORS 183.484. Any petition for judicial review of the order must be filed within the 60 day time period specified by ORS 183.484(2).

**Application History**

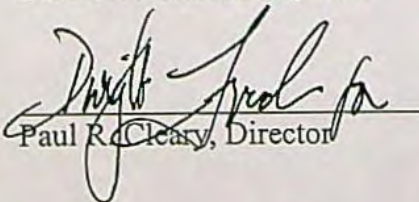
On SEPTEMBER 4, 2003, THOMAS G. STRAND submitted an application to the Department for an extension of time for permit number G-12561. The Department issued permit number G-12561 on JULY 8, 1996. The permit called for completion of construction of the water development project by OCTOBER 1, 1998, and complete application of water to the full beneficial use by OCTOBER 1, 1999. In accordance with OAR 690-315-0050(2), on OCTOBER 21, 2003, the Department issued a Proposed Final Order proposing to extend the time to complete construction of the water development project and the time to fully apply water to beneficial use to OCTOBER 1, 2004.

The applicant has demonstrated good cause for the permit extension pursuant to ORS 537.230, 537.248, 537.630, 539.010(5) and/or OAR 690-315-0040(2).

**Order**

The extension of time for Application Number G-12177, Permit Number G-12561, therefore, is approved. The deadline for completing construction is extended to OCTOBER 1, 2004. The deadline for applying water to full beneficial use is extended to OCTOBER 1, 2004.

**DATED: March 16, 2004**

  
Paul R. Cleary, Director

GANE 10/7/04

April 21, 2003

Thomas G. Strand  
18880 N.W. Lone Pine Lane  
Terrebonne, or 97756

Water Resources Department  
Commerce Building  
158 12<sup>th</sup> Street N.E.  
Salem, OR 97301-4172

RECEIVED  
APR 24 2003  
WATER RESOURCES DEPT.  
SALEM, OREGON

Re: Application No. G-12177, Permit No. G12561 and Exchange File No. T-7265

Dear Mr. Brown:

I am responding to your letter of April 3, 2003. I am requesting reconsideration on:

1. Quantity of water - The quantity of water is not 6.5 acres, but it is 60 acres.
2. Location of use - The location of use is approximately 1 mile north of well #1.
3. Extent of use - The extent of use is not 6.5 acres, but it is 60 acres.

In 1989, Bob Main notified the Crook County Improvement District #1 that I was using canal water to irrigate lands not covered by District water. Bob helped me develop a plan to cover these lands. I filed an application to drill a well. The only location to drill a good well was located approximately 1 mile from the proposed land to be irrigated. The well was at a lower elevation and it wasn't practical to pump water that far, nor was it practical to pump it to that high an elevation. Bob suggested that I do a water exchange. Well #1 was located next to the District's lower canal and the lands to be irrigated were located next to the District's upper canal. Well #1 water was metered into the lower canal and water was metered out of the upper canal to irrigate the 60 acres. The exchange of water was monitored by the Irrigation District's ditch rider. Crook County Improvement District #1 is now managed by Central Oregon Irrigation District and their ditch rider meters the water. An exchange agreement was signed with CCID in 1989 (see attached). The 60 acres in question have a priority date of 1990 and has been irrigated ever since. When Kyle Gorman came on board with Bob Main, Kyle was aware of the water exchange and helped to monitor it. In a time when the State Of Oregon is trying to promote conservation of water and electricity, it doesn't make sense to attempt to pump water that distance or elevation. The exchange has been a good thing for me as well as the Irrigation District.

I believe that I have fulfilled all of the requirements the State has required of me. I also believe that when the State issued me the permit G-12561 on July 8, 1996, that I had fulfilled everything Water Resources required and had answered all of their concerns. In reviewing my correspondence with Water Resources, I noticed that you, Mr. Brown, have

been involved with the permit since July 25, 1990. I think it is time for Water Resources to issue a certificate to allow the exchange.

I would also like to address the reason for your sudden concern with this issue. Mr. Charles Hegele stated at our Irrigation Board meeting that he had contacted you and your boss and had me shut down. I would like to tell you about him. Mr. Hegele has made allegations against me at seven other agencies besides yours:

1. Crook County
2. Crook County Sheriff Department
3. Central Oregon Irrigation District
4. Oregon Government Standards and Practices Commission
5. United States Forest Service
6. Department of Environmental Quality
7. Bureau of Land Management

RECEIVED

APR 24 2003

WATER RESOURCES DEPT.  
SALEM, OREGON

Mr. Hegele has attacked not only me, but our entire community, because we are opposing a mining operation that he started illegally. He started mining his property without a permit from Crook County. The county discovered the violation and shut him down. They then told him to apply for a conditional use permit with the county. When he did, a notice was sent out to all of the adjacent landowners. We all had an opportunity to either support the application or oppose it. As affected property owners, we voiced our concerns and the Crook County Planning Commission denied his request. He appealed his application to the Crook County Court, and they too denied his request.

We live in a very beautiful, secluded valley called Lone Pine which is a very fertile farming area. The valley also has 3 large aggregate operations. The county has done an excellent job protecting the valuable farm ground as well as providing rock for the Central Oregon roads. None of the existing quarry operations are visible from the valley floor. This is a narrow valley with steep hillsides, and Mr. Hegele has torn away a steep hillside that will impact the valley forever.

The community has asked me to be the lead intervenor in Mr. Hegele's appeal to LUBA. Therefore, Mr. Hegele blames me for all of his problems and is consequently striking back at me.

I am listing all of the agencies he has turned me in to and contact people that I would encourage you to talk to.

Crook County - Prineville, Oregon

|                    |                   |              |
|--------------------|-------------------|--------------|
| Bill Zelenka       | Planning Director | 541-447-8156 |
| Jeff Wilson        | Legal Counsel     | 541-447-6555 |
| Judge Scott Cooper | Judge             | 541-447-6555 |
| Sheriff Rodd Clark | Sheriff           | 541-447-6398 |

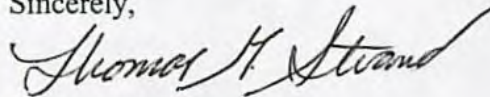
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WATER RESOURCES DEPT.  
SALEM, OREGON

Central Oregon Irrigation District  
John Herlocker Assistant Manager 541-548-6047  
Oregon Government Standards and Practices Commission  
L. Patrick Hearn  
United States Forest Service  
Crooked River National Grassland  
Glen Adams Range Conservationist 541-416-6640  
Department of Environmental Quality - Bend, Oregon  
(refer to Bill Zelenka - Crook County about the DEQ complaint)  
Bureau of Land Management - Prineville, Oregon  
(refer to Sheriff Rodd Clark about the BLM complaint)

I feel it would still be a good idea for you, Bob Main, Kyle Gorman, and myself to get together and work this out. Please feel free to call me.

Home - 541-548-5747  
Cell - 541-480-8673

Sincerely,



Thomas G. Strand

RECEIVED  
APR 24 2003  
WATER RESOURCES DEPT.  
SALEM, OREGON

Re: Thomas G. Strand and Crook County Improvement District #1  
Irrigation Water Exchange

The Board of Directors of the Crook County Improvement District #1 approved at its regular meeting on April 26, 1989 the exchange of irrigation water with Thomas G. Strand as follows: The district will furnish water to land owned by Mr. Strand and in exchange Mr. Strand will return water to the District in its canals. The same amount of water is to be returned by the end of the irrigation season. Mr. Strand has agreed to furnish and maintain Totalizing Flow meters and make them available to a representative of the district at all times.

This agreement is for a maximum of 70 acres.

|                          |                  |
|--------------------------|------------------|
| <u>Richard L. Butler</u> | Chairman         |
| <u>Ty Fehrenbacher</u>   | Director         |
| <u>Thomas G. Strand</u>  | Director         |
| <u>Thomas G. Strand</u>  | Thomas G. Strand |



# Oregon

Theodore R. Kulongoski, Governor

## Water Resources Department

Commerce Building  
158 12th Street NE  
Salem, OR 97301-4172  
503-378-3739  
FAX 503-378-8130

April 3, 2003

Thomas G. Strand  
18880 NW Lone Pine Lane  
Terrebonne, OR 97756

Reference: Application No. G-12177, Permit No. G-12561 and Exchange File No. T-7265

Dear Mr. Strand:

The Department is in receipt of your letter of March 25, 2003. Your letter does not contain the requirements of our administrative rules to be accepted. I am enclosing a copy of our rules to assist you in describing your disagreement with the proposed certificate mailed to you on February 27, 2003.

Any written request for reconsideration must be filed within 60 days from the date of mailing of the proposed certificate or within any additional time allowed as may be granted by the Department.

My letter of February 27, 2003, describes the process available to you in order to legally facilitate your exchange agreement. At this time the Department has not approved your exchange request and any irrigation of land not having a valid right of record is subject to regulation.

Please feel free to contact me if you have any questions and I will be happy to address any concerns you may have.

Sincerely,

Steve Brown  
Certificates

c: Northwest Farm Credit Services

enclosures