

Assigned - partial

FILE#: G 14728

T O WILLIAMS & ASSOC.; WILLIAMS, RAY
49654 UMAPINE RD
MILTON FREEWATER, OR 97862

Application No. G14728

Permit No. G13697

Certificate No. ~~89896~~ 96109

Stream Index, Page No. _____

FEEES PAID

Date	Amount	Receipt No.
4-20-98	11,275.00	20543
6-30-99	175.00	30970
5-1-06	250.00	81168
6-7-12	125.00	105935
6-7-12	150.00 Cert. Fee	105938

FEEES REFUNDED

Date	Amount	Check No.

Date filed _____

Priority _____

Action suspended until C-09
"M. C. H. 10"

Return to applicant _____

Date of approval _____

ASSIGNMENTS

Date	To Whom	Address	Volume	Page
<u>6/7/2012</u>	John C Vandree & Linda K Vandree Trustees of the Revocable Living Trust of John C Vandree & Linda K Vandree as of September 29, 1998 812 Grand Avenue Everett WA 98201			

CONSTRUCTION

Date for beginning 4/19/00

Date for completion _____

Extended to _____

Date for application of water 10/1/03

Extended to 10-1-09

REMARKS

T-13757 V. 127 P. 369 Δ POA
T-13757 Ext of Time v 138 p388

PROSECUTION OF WORK

Form "A" filed _____

Form "B" filed _____

Form "C" filed _____

FINAL PROOF

Blank mailed _____

Proof received _____

Date certificate issued FEB 20 2015

BEFORE THE WATER RESOURCES DEPARTMENT
OF THE STATE OF OREGON

In the Matter of Application for Extension) FINAL ORDER APPROVING AN EXTENSION
of Time for Transfer Application T-13757,) OF TIME FOR A PERMANENT TRANSFER
Umatilla County)

Applicant

PENDLETON LAND LLC
ATTN: DAVID MUTH
12119 STRATFORD DR. SUITE B
CLIVE, IA 50325

Authority

Oregon Administrative Rules (OAR) 690-380-5140(2) authorizes the Department to grant an extension of time to complete a transfer.

OAR 690-380-6020 establishes an application process and criteria for the review of extensions of time to complete a transfer as authorized by a final order issued under OAR Division 380.

OAR 690-380-6020 (3) establishes that extensions are granted for one year, from October 1 to October 1 of each year. Extensions may be granted for longer time if the applicant can justify the need for a longer period of time by submission of pertinent evidence.

Findings of Fact

1. On December 19, 2025, the Department received an application for extension of time for Transfer Application T-13757.
2. On February 10, 2023, the Department signed an order, which was mailed on February 13, 2023, approving Transfer Application T-13757 for change in points of appropriation. The order was recorded in Special Order Volume 127, Pages 369-379. The order set a transfer completion date of October 1, 2025.
3. Since the approval of the transfer, the applicant has purchased all materials needed for the change in appropriation and has started the process of drilling the approved wells.

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. 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. To fully complete the change, the applicant needs to complete drilling and construction of the approved wells, install a totalizing flow meter, and make full beneficial use of the water.
5. The applicant has requested that the time for completion of beneficial use be extended to October 1, 2026. Consistent with OAR 690-380-6020(3), the Department will extend the transfer completion date to October 1, 2027.

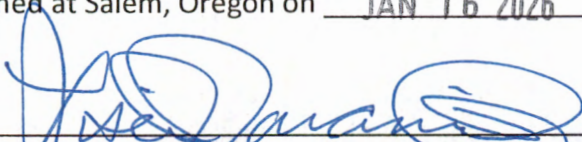
Conclusions of Law

Pursuant to OAR 690-380-6020, the Director of the Water Resources Department concludes the applicant has shown reasonable diligence to complete the transfer within the time period established by the order approving Transfer Application T-13757.

Now, therefore, it is ORDERED:

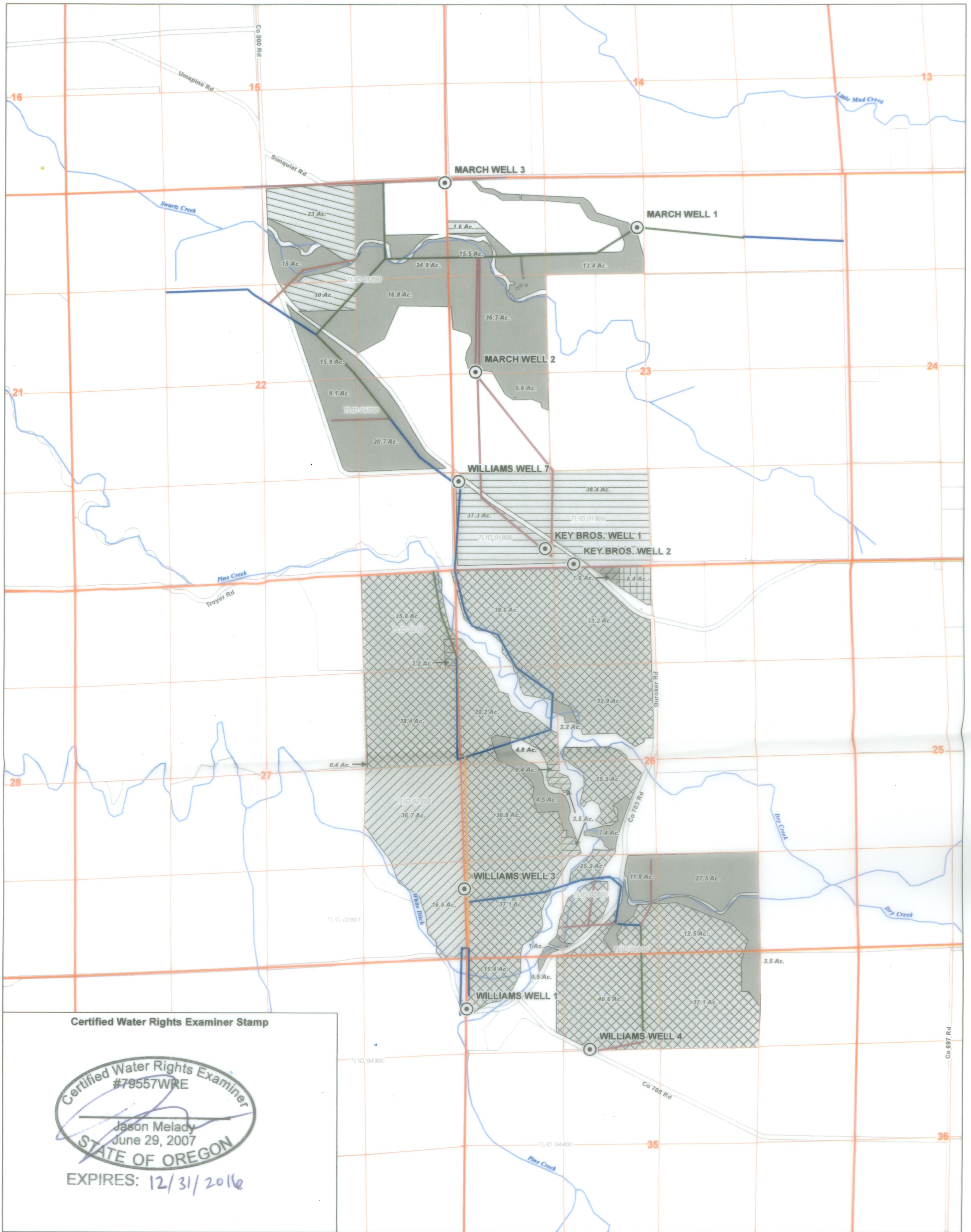
The time for completion of the changes authorized by Transfer Application T-13757 shall be extended to **October 1, 2027**.

Signed at Salem, Oregon on JAN 16 2026 .

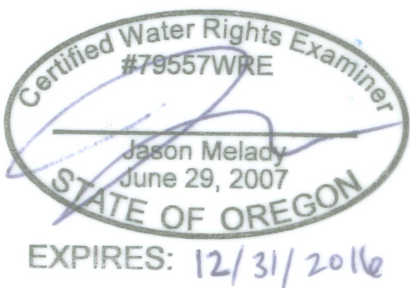


Lisa J. Jaramillo, Transfer and Conservation Section Manager for
IVAN GALL, DIRECTOR
Oregon Water Resources Department

Mailing date: JAN 19 2026



Certified Water Rights Examiner Stamp



LEGEND

- | | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> ⊙ Point of Appropriation (POA) ⊕ Tax Lot ~ Watercourse <p>Place of Use</p> <ul style="list-style-type: none"> ■ Primary ▨ Supplemental ▩ Supplemental Alluvial ▧ Supplemental Basalt ▦ Supplemental for a Deficiency Alluvial ▥ Supplemental for a Deficiency Basalt | <p>Irrigation Distribution System</p> <ul style="list-style-type: none"> — 15" Intake Main — 12" PVC — 10" PVC — 8" PVC — 6" PVC |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

NOTE:

In-line flow meter installed at the wellhead for each well, with the exception of the Key Brothers wells. A combined power meter to measure flow at both Key Brothers wells is located near Key Brothers Well 2.

POA Legal Description:

March Well 1- Located 650 feet South and 90 feet West from the North quarter corner of Section 23, Township 6 North, Range 34 East (W.M.).
March Well 2- Located 10 feet North and 350 feet East from the West quarter corner of Section 23, Township 6 North, Range 34 East (W.M.).
March Well 3- Located 60 feet South and 10 feet West from the Northwest corner of Section 23, Township 6 North, Range 34 East (W.M.).
Key Bros. Well 1- Located 260 feet North and 1,230 feet East from the Southwest corner of Section 23, Township 6 North, Range 34 East (W.M.).
Key Bros. Well 2- Located 30 feet North and 1,620 feet East from the Southwest corner of Section 23, Township 6 North, Range 34 East (W.M.).
Williams Well 1- Located 670 feet South and 35 feet East from the Northwest corner of Section 35, Township 6 North, Range 34 East (W.M.).
Williams Well 3- Located 970 feet North and 5 feet East from the Southwest corner of Section 26, Township 6 North, Range 34 East (W.M.).
Williams Well 4- Located 1,290 feet South and 1,710 feet East from the Northwest corner of Section 35, Township 6 North, Range 34 East (W.M.).
Williams Well 7- Located 1,230 feet North and 90 feet East from the Southwest corner of Section 23, Township 6 North, Range 34 East (W.M.).

FIGURE 1

**Claim of Beneficial Use Map
Permit G13697 (Application G14728)**

Township 6N, Range 34E
Sections 22, 23, 26, 27, 34, 35

Disclaimer

This map was prepared for the purpose of identifying the location of a water right only and it is not intended to provide legal dimensions or location of property ownership lines.

MAP NOTES:
Date: December 4, 2014
Data Sources: ESRI, OWRD

RECEIVED BY OWRD
FEB 02 2015

SALEM, OR



STATE OF OREGON
COUNTY OF UMATILLA
CERTIFICATE OF WATER RIGHT

THIS CERTIFICATE ISSUED TO

T.O. WILLIAMS & ASSOCIATES
C/O RAY WILLIAMS
49654 UMAPINE RD
MILTON FREEWATER OR 97862

JOHN C & LINDA K VANDREE,
TRUSTEES of the REVOCABLE LIVING TRUST OF JOHN C VANDREE & LINDA K VANDREE
812 GRAND AVENUE
EVERETT WA 98201

confirms the right to use the waters of NINE WELLS in the SWARTZ SPRING CANYON AND PINE CREEK BASINS for IRRIGATION of 238.4 ACRES, SUPPLEMENTAL IRRIGATION FROM BOTH AQUIFERS OF 33.0 ACRES, SUPPLEMENTAL IRRIGATION from the BASALT AQUIFER OF 91.8 ACRES, SUPPLEMENTAL IRRIGATION FROM THE ALLUVIAL AQUIFER OF 494.4 ACRES, and SUPPLEMENTAL IRRIGATION TO MAKE UP DEFICIENCY IN RATE OF 433.0 ACRES FROM BASALT AQUIFER, AND SUPPLEMENTAL IRRIGATION TO MAKE UP A DEFICIENCY IN RATE OF 6.4 ACRES FROM THE ALLUVIAL AQUIFER.

This right was perfected under Permit G-13697. The date of priority is APRIL 20, 1998. The amount of water to which this right is entitled is limited to an amount actually used beneficially, and shall not exceed 9.562 CUBIC FEET PER SECOND (CFS) measured at the wells as follows: 2.77 CFS FOR IRRIGATION, 0.412 CFS FOR SUPPLEMENTAL IRRIGATION FROM EITHER AQUIFER, AND 1.15 CFS SUPPLEMENTAL IRRIGATION FROM THE BASALT AQUIFER, AND 4.892 CFS FOR SUPPLEMENTAL IRRIGATION FROM THE ALLUVIAL AQUIFER, 0.338 CFS FOR SUPPLEMENTAL IRRIGATION TO MAKE UP A DEFICIENCY IN RATE FROM THE BASALT AQUIFER, AND 0.006 CFS FOR SUPPLEMENTAL IRRIGATION TO MAKE UP DEFICIENCY IN RATE FROM ALLUVIAL AQUIFER. (FOR DEFICIENT RATE FROM THE BASALT AQUIFER DEFICIENCY SEE CERTIFICATES 30636 AND 30638; FOR DEFICIENT RATE FROM THE ALLUVIAL AQUIFER SEE CERTIFICATES 36131 AND 36132 AND PERMIT G-12940) *FURTHER LIMITED TO A MAXIMUM RATE OF 4.67 CFS FROM BASALT WELLS: WILLIAMS WELLS 1, 3, & 4; AND 4.892 FROM ALLUVIAL WELLS: MARCH WELLS 1, 2 & 3, KEY BROTHERS WELLS 1 & 2, AND FROM WILLIAMS WELL 7.*

The period of use is March 1 through October 31.

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.

The wells are located as follows:

Twp	Rng	Mer	Sec	Q-Q	Measured Distances
6 N	34 E	WM	22	NE NE	MARCH WELL 3 (UMAT 5378) - ALLUVIAL 60 FEET SOUTH & 10 FEET WEST FROM NE CORNER, SECTION 22
6 N	34 E	WM	23	NE NW	MARCH WELL 1 (UMAT 4113) - ALLUVIAL 650 FEET SOUTH & 90 FEET WEST FROM N1/4 CORNER, SECTION 23
6 N	34 E	WM	23	SW NW	MARCH WELL 2 (UMAT 5357) - ALLUVIAL 10 FEET NORTH & 350 FEET EAST FROM W1/4 CORNER, SECTION 23
6 N	34 E	WM	23	SW SW	KEY BROS WELL 1 (UMAT 4121) - ALLUVIAL 260 FEET NORTH & 1230 FEET EAST FROM SW CORNER, SECTION 23
6 N	34 E	WM	23	SW SW	WILLIAMS WELL 7 (UMAT 52037) - ALLUVIAL 1230 FEET NORTH & 90 FEET EAST FROM SW CORNER, SECTION 23
6 N	34 E	WM	23	SE SW	KEY BROS WELL 2 (UMAT 4122) - ALLUVIAL 30 FEET NORTH & 1620 FEET EAST FROM SW CORNER, SECTION 23
6 N	34 E	WM	27	SE SE	WILLIAMS WELL 3 (UMAT 53567) - BASALT 970 FEET NORTH & 5 FEET EAST FROM SW CORNER, SECTION 26
6 N	34 E	WM	35	NW NW	WILLIAMS WELL 1 (UMAT 4178) - BASALT 670 FEET SOUTH & 35 FEET EAST FROM NW CORNER, SECTION 35
6 N	34 E	WM	35	SE NW	WILLIAMS WELL 4 (UMAT 4177) - BASALT 1290 FEET SOUTH & 1710 FEET EAST FROM NW CORNER, SECTION 35

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.

BASALT WELLS = Williams 1, 3, and 4

ALLUVIAL WELLS = Williams 7; March 1, 2, and 3; and Key Brothers 1 and 2

The place of use is as follows:

IRRIGATION					
Twp	Rng	Mer	Sec	Q-Q	Acres
6 N	34 E	WM	22	NE NE	24.9
6 N	34 E	WM	22	NW NE	15.0
6 N	34 E	WM	22	SW NE	15.9
6 N	34 E	WM	22	SE NE	16.8
6 N	34 E	WM	22	NE SE	20.7
6 N	34 E	WM	22	NW SE	9.1
6 N	34 E	WM	23	NE NW	13.4
6 N	34 E	WM	23	NW NW	15.5
6 N	34 E	WM	23	SW NW	36.7
6 N	34 E	WM	23	NW SW	5.6
6 N	34 E	WM	26	NE NW	1.6
6 N	34 E	WM	26	SW NW	4.8
6 N	34 E	WM	26	SE NW	2.2
6 N	34 E	WM	26	NE SW	7.4
6 N	34 E	WM	26	NW SW	4.5
6 N	34 E	WM	26	SW SW	1.0
6 N	34 E	WM	26	SE SW	11.8
6 N	34 E	WM	26	SW SE	27.5
6 N	34 E	WM	35	NW NE	3.5
6 N	34 E	WM	35	NW NW	0.5

**SUPPLEMENTAL IRRIGATION FROM EITHER
AQUIFER**

Twp	Rng	Mer	Sec	Q-Q	Acres
6 N	34 E	WM	22	NW NE	23.0
6 N	34 E	WM	22	SW NE	10.0

**SUPPLEMENTAL IRRIGATION FROM BASALT
AQUIFER**

6 N	34 E	WM	23	NW NW	1.6
6 N	34 E	WM	23	SW SW	37.3
6 N	34 E	WM	23	SE SW	38.4
6 N	34 E	WM	26	NE NW	8.0
6 N	34 E	WM	26	NE SW	3.5
6 N	34 E	WM	26	NW SW	0.4
6 N	34 E	WM	27	NE NE	2.2
6 N	34 E	WM	27	SE NE	0.4

**SUPPLEMENTAL IRRIGATION FROM ALLUVIAL
AQUIFER**

Twp	Rng	Mer	Sec	Q-Q	Acres
6 N	34 E	WM	26	NE NW	34.8
6 N	34 E	WM	26	NW NW	39.6
6 N	34 E	WM	26	SW NW	29.2
6 N	34 E	WM	26	SE NW	32.9
6 N	34 E	WM	26	NE SW	18.7
6 N	34 E	WM	26	NW SW	37.2
6 N	34 E	WM	26	SW SW	37.1
6 N	34 E	WM	26	SE SW	25.2
6 N	34 E	WM	26	SW SE	12.5
6 N	34 E	WM	27	NE NE	38.0
6 N	34 E	WM	27	SE NE	38.8
6 N	34 E	WM	27	NE SE	36.7
6 N	34 E	WM	27	SE SE	16.6
6 N	34 E	WM	35	NW NE	37.1
6 N	34 E	WM	35	NE NW	40.6
6 N	34 E	WM	35	NW NW	19.4

**SUPPLEMENTAL IRRIGATION FOR A
DEFICIENCY FROM BASALT AQUIFER**

Twp	Rng	Mer	Sec	Q-Q	Acres
6 N	34 E	WM	26	NE NW	33.2
6 N	34 E	WM	26	NW NW	39.6
6 N	34 E	WM	26	SW NW	29.2
6 N	34 E	WM	26	SE NW	32.9
6 N	34 E	WM	26	NE SW	15.2
6 N	34 E	WM	26	NW SW	36.8
6 N	34 E	WM	26	SW SW	37.1
6 N	34 E	WM	26	SE SW	25.2
6 N	34 E	WM	26	SW SE	12.5
6 N	34 E	WM	27	NE NE	35.8
6 N	34 E	WM	27	SE NE	38.4
6 N	34 E	WM	35	NW NE	37.1
6 N	34 E	WM	35	NE NW	40.6
6 N	34 E	WM	35	NW NW	19.4

**SUPPLEMENTAL IRRIGATION FOR A
DEFICIENCY FROM ALLUVIAL AQUIFER**

Twp	Rng	Mer	Sec	Q-Q	Acres
6 N	34 E	WM	26	NE NW	6.4

Measurement, recording and reporting conditions:

- A. The water user shall maintain the meter or other measuring device in good working order, shall keep a complete record of the amount of water used each month, and shall submit a report which includes the recorded water use measurements to the Department annually or more frequently as may be required by the Director. Further, the Director may require the water user to report general water use information, including the place and nature of use of water under the right.
- 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.

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 interference.

The Water Resources Department has determined the reference levels based on the March 2007 static water levels in the basalt Williams Wells 1, 3, and 4 and non-basalt March Wells 1 and 2, and Williams Well 7. The table below identifies the reference level below ground surface for each of these six wells.

Static Water Level Reference Levels	
WELL	Below Land Surface
Williams Well 1	60
Williams Well 3	73
Williams Well 4	45
March Well 1	25
March Well 2	45
Williams Well 7	14

For Williams Wells 3 and 4, ground water for use under this permit shall be produced from the basalt aquifers only.

The works shall be equipped with a usable access port, and may also include an air line and pressure gauge 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.

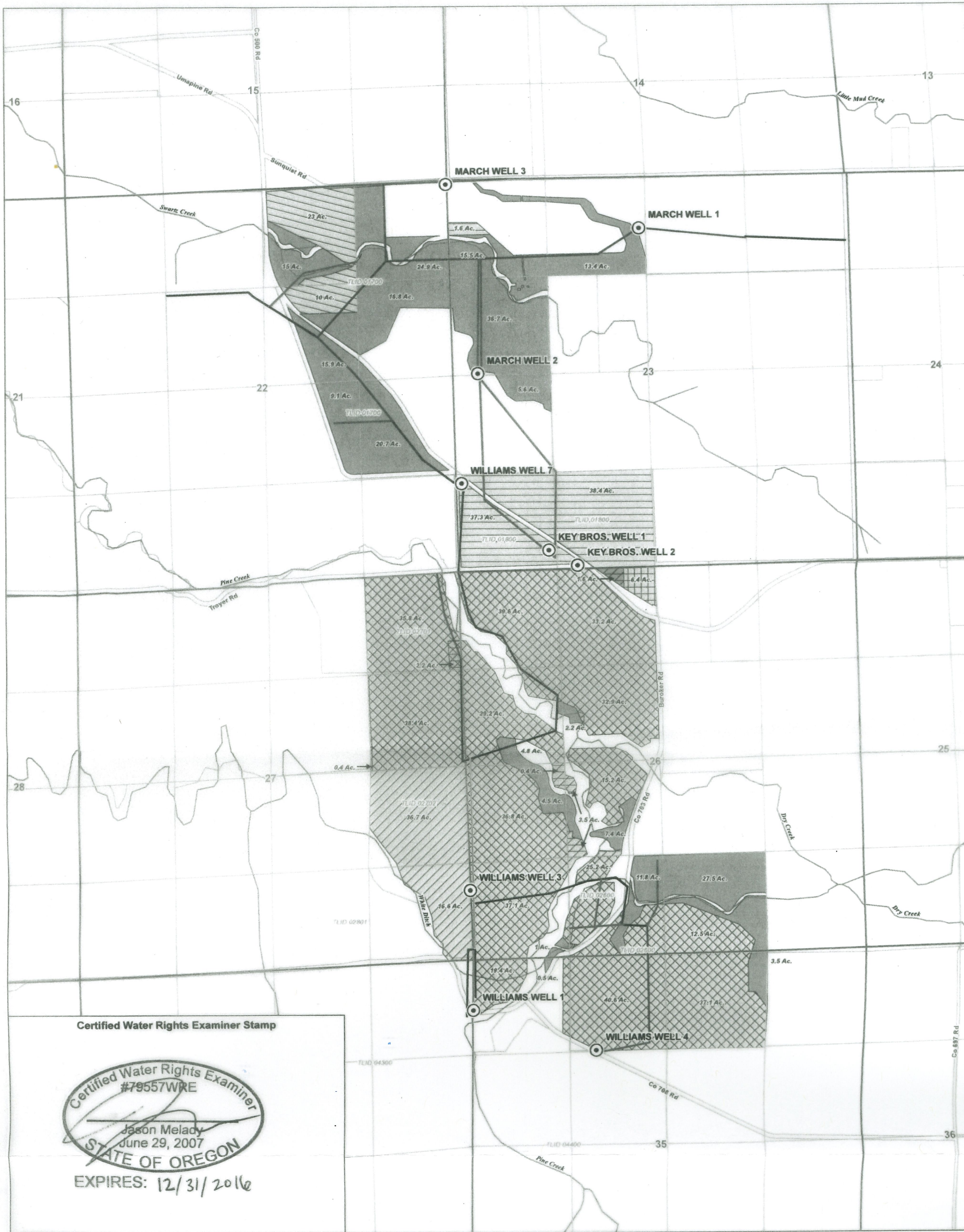
By law, the land use associated with this water use must be in compliance with statewide land-use goals and any local acknowledged land-use plan.

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

Issued FEB 20 2015



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



LEGEND

- ⊙ Point of Appropriation (POA)
- ⊕ Tax Lot
- ~ Watercourse
- Place of Use**
- Primary
- ▨ Supplemental
- ▩ Supplemental Alluvial
- ▧ Supplemental Basalt
- ▦ Supplemental for a Deficiency Alluvial
- ▥ Supplemental for a Deficiency Basalt

- Irrigation Distribution System**
- 15" Intake Main
- 12" PVC
- 10" PVC
- 8" PVC
- 6" PVC

NOTE:

In-line flow meter installed at the wellhead for each well, with the exception of the Key Brothers wells. A combined power meter to measure flow at both Key Brothers wells is located near Key Brothers Well 2.

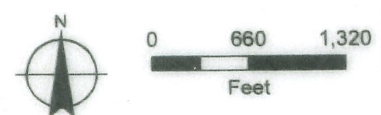
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FIGURE 1
Claim of Beneficial Use Map
Permit G13697 (Application G14728)
 Township 6N, Range 34E
 Sections 22, 23, 26, 27, 34, 35

Disclaimer
 This map was prepared for the purpose of identifying the location of a water right only and it is not intended to provide legal dimensions or location of property ownership lines.

MAP NOTES:
 Date: December 4, 2014
 Data Sources: ESRI, OWRD

RECEIVED BY OWRD
 FEB 02 2015
 SALEM, OR





Oregon

Water Resources Department
North Mall Office Building
725 Summer Street NE, Suite A
Salem, OR 97301-1271
503-986-0900

Date Mailed: February 20, 2015

NOTICE OF CERTIFICATE ISSUANCE

The attached certificate confirms the water right established under the terms of a permit issued by this department. The water right is now appurtenant to the specific place where the use was established as described by the certificate. The water right is limited to a specific amount of water, but not more than can be beneficially used for the purposes stated within the certificate.

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 **60 days of the mailing date stated above** as specified by ORS 183.484(2).

This statement of judicial review rights is required under ORS 536.075; it does not alter or add to existing review rights or create review rights that are not otherwise provided by law.

Under ORS 537.260 and 537.270, a water right certificate may be contested before the Water Resources Department within three (3) months of the date it is issued. If a certificate is contested, the qualifying contestant shall be offered an administrative hearing.

Oregon law does not allow the Director to reissue a certificate because of a change in the ownership of the appurtenant place of use. The water must be controlled and not wasted. To change the location of the point of diversion, the character of use, or the location of use requires the advance approval of the Water Resources Director.

If any portion of this water right is not used for five or more consecutive years, then that portion of the right may be subject to forfeiture according to ORS 540.610. Land enrolled in a Federal Reserve Program is not subject to forfeiture during the period of enrollment. Other exceptions to forfeiture are explained in ORS 540.610.

If you have any questions please contact R. Craig Kohanek at 503-986-0823.

Mailing List for Certificate

Scheduled Mailing Date:

Application: G-14728

Permit: G-13697

Certificate: 89896

Permit/Certificate Holder:

T.O. WILLIAMS & ASSOCIATES ✓
C/O RAY WILLIAMS
49654 UMAPINE RD
MILTON FREEWATER OR 97862

JOHN C & LINDA K VANDREE ✓
TRUSTEES of the REVOCABLE LIVING TRUST OF JOHN C VANDREE &
LINDA K VANDREE
812 GRAND AVENUE
EVERETT WA 98201

Copies of Final Certificate to be sent to:

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

Other persons to receive copies: (include map):

1. Jason Melady, CWRE ✓

Copies Mailed
by: <u>Connie Vance</u> (STAFF)
on: <u>FEB 20 2015</u>
(DATE)

REIMBURSEMENT AUTHORITY PERMIT
APPLICATION G-14728 PERMIT G- 13697

Certificate 89896 issued 2-20-15

Application # G-14728 Permit # G-13697 Transfer #

Willaims & Associates RA#
Inc. R11950-11

**Reimbursement Authority Process
Itemized Estimate Sheet
for**

Certificates

	Est. Time (hr)	Individual	Est. Cost
1. Review Claim of Beneficial Use report and map	1.00	Craig	\$92
2. Conflict Check	0.50	Craig	\$46
3. Preparation of deficiency letter	1.00	Craig	\$92
4. Preparation of proposed certificates	2.50	Craig	\$229
5a. Peer review		Jon	\$0
5b. Peer review	0.20	Dwight	\$23
5c. Peer review			\$93
6. Project Management			\$275
7a. Water right data rec		e	\$23
7b. Water right data rec		Tech	\$177
8. Pump test (if applic		Z	\$882
Total			\$1,931

T.O. Williams,
 John Voderberg,
 (S-11)
 Emerl.
 Status Report - where is
 Process -

Two pump tests, at
constructed in both
electrical meter rea
certificate due to v

ned due to them bein
will need to be requ
, cfs, acre-feet) comp
rigation or supplement

RA # R11950-11

Claim Renew RCK 0.9h → 83
 Conflict Check RCK 0.6h → 55
 Def. Letter RCK 1.0h → 92
 Cert Prep RCK 2.75h → 253
 PR-Ann AR 4.0h → 372
 Proj. Managem RCK 3.3h → 304
 CV 0.4h → 23
 DWF 0.2h → 23
 Dabatech LisaG 3.0h → 177
 GW KarlW 6.0h → 588

\$1970
 KJK
 2-12-15

STATE OF OREGON
COUNTY OF UMATILLA
CERTIFICATE OF WATER RIGHT

THIS CERTIFICATE ISSUED TO

T.O. WILLIAMS & ASSOCIATES
C/O RAY WILLIAMS
49654 UMAPINE RD
MILTON FREEWATER OR 97862

JOHN C & LINDA K VANDREE,
TRUSTEES of the REVOCABLE LIVING TRUST OF JOHN C VANDREE & LINDA K VANDREE
812 GRAND AVENUE
EVERETT WA 98201

confirms the right to use the waters of NINE WELLS in the SWARTZ SPRING CANYON AND PINE CREEK BASINS for IRRIGATION of 238.4 ACRES, SUPPLEMENTAL IRRIGATION FROM BOTH AQUIFERS OF 33.0 ACRES, SUPPLEMENTAL IRRIGATION from the BASALT AQUIFER OF 91.8 ACRES, SUPPLEMENTAL IRRIGATION FROM THE ALLUVIAL AQUIFER OF 494.4 ACRES, and SUPPLEMENTAL IRRIGATION TO MAKE UP DEFICIENCY IN RATE OF 433.0 ACRES FROM BASALT AQUIFER, AND SUPPLEMENTAL IRRIGATION TO MAKE UP A DEFICIENCY IN RATE OF 6.4 ACRES FROM THE ALLUVIAL AQUIFER.

This right was perfected under Permit G-13697. The date of priority is APRIL 20, 1998. The amount of water to which this right is entitled is limited to an amount actually used beneficially, and shall not exceed 9.562 CUBIC FEET PER SECOND (CFS) measured at the wells as follows: 2.77 CFS FOR IRRIGATION, 0.412 CFS FOR SUPPLEMENTAL IRRIGATION FROM EITHER AQUIFER, AND 1.15 CFS SUPPLEMENTAL IRRIGATION FROM THE BASALT AQUIFER, AND 4.892 CFS FOR SUPPLEMENTAL IRRIGATION FROM THE ALLUVIAL AQUIFER, 0.338 CFS FOR SUPPLEMENTAL IRRIGATION TO MAKE UP A DEFICIENCY IN RATE FROM THE BASALT AQUIFER, AND 0.006 CFS FOR SUPPLEMENTAL IRRIGATION TO MAKE UP DEFICIENCY IN RATE FROM ALLUVIAL AQUIFER. (FOR DEFICIENT RATE FROM THE BASALT AQUIFER DEFICIENCY SEE CERTIFICATES 30636 AND 30638; FOR DEFICIENT RATE FROM THE ALLUVIAL AQUIFER SEE CERTIFICATES 36131 AND 36132 AND PERMIT G-12940) FURTHER LIMITED TO A MAXIMUM RATE OF 4.67 CFS FROM BASALT WELLS: WILLIAMS WELLS 1, 3, & 4; AND 4.892 FROM ALLUVIAL WELLS: MARCH WELLS 1, 2 & 3, KEY BROTHERS WELLS 1 & 2, AND FROM WILLIAMS WELL 7.

The period of use is March 1 through October 31.

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.

The wells are located as follows:

Twp	Rng	Mer	Sec	Q-Q	Measured Distances
6 N	34 E	WM	22	NE NE	MARCH WELL 3 (UMAT 5378) - ALLUVIAL 60 FEET SOUTH & 10 FEET WEST FROM NE CORNER, SECTION 22
6 N	34 E	WM	23	NE NW	MARCH WELL 1 (UMAT 4113) - ALLUVIAL 650 FEET SOUTH & 90 FEET WEST FROM N1/4 CORNER, SECTION 23
6 N	34 E	WM	23	SW NW	MARCH WELL 2 (UMAT 5357) - ALLUVIAL 10 FEET NORTH & 350 FEET EAST FROM W1/4 CORNER, SECTION 23
6 N	34 E	WM	23	SW SW	KEY BROS WELL 1 (UMAT 4121) - ALLUVIAL 260 FEET NORTH & 1230 FEET EAST FROM SW CORNER, SECTION 23
6 N	34 E	WM	23	SW SW	WILLIAMS WELL 7 (UMAT 52037) - ALLUVIAL 1230 FEET NORTH & 90 FEET EAST FROM SW CORNER, SECTION 23
6 N	34 E	WM	23	SE SW	KEY BROS WELL 2 (UMAT 4122) - ALLUVIAL 30 FEET NORTH & 1620 FEET EAST FROM SW CORNER, SECTION 23
6 N	34 E	WM	27	SE SE	WILLIAMS WELL 3 (UMAT 53567) - BASALT 970 FEET NORTH & 5 FEET EAST FROM SW CORNER, SECTION 26
6 N	34 E	WM	35	NW NW	WILLIAMS WELL 1 (UMAT 4178) - BASALT 670 FEET SOUTH & 35 FEET EAST FROM NW CORNER, SECTION 35
6 N	34 E	WM	35	SE NW	WILLIAMS WELL 4 (UMAT 4177) - BASALT 1290 FEET SOUTH & 1710 FEET EAST FROM NW CORNER, SECTION 35

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.

BASALT WELLS = Williams 1, 3, and 4

ALLUVIAL WELLS = Williams 7; March 1, 2, and 3; and Key Brothers 1 and 2

The place of use is as follows:

IRRIGATION					
Twp	Rng	Mer	Sec	Q-Q	Acres
6 N	34 E	WM	22	NE NE	24.9
6 N	34 E	WM	22	NW NE	15.0
6 N	34 E	WM	22	SW NE	15.9
6 N	34 E	WM	22	SE NE	16.8
6 N	34 E	WM	22	NE SE	20.7
6 N	34 E	WM	22	NW SE	9.1
6 N	34 E	WM	23	NE NW	13.4
6 N	34 E	WM	23	NW NW	15.5
6 N	34 E	WM	23	SW NW	36.7
6 N	34 E	WM	23	NW SW	5.6
6 N	34 E	WM	26	NE NW	1.6
6 N	34 E	WM	26	SW NW	4.8
6 N	34 E	WM	26	SE NW	2.2
6 N	34 E	WM	26	NE SW	7.4
6 N	34 E	WM	26	NW SW	4.5
6 N	34 E	WM	26	SW SW	1.0
6 N	34 E	WM	26	SE SW	11.8
6 N	34 E	WM	26	SW SE	27.5
6 N	34 E	WM	35	NW NE	3.5
6 N	34 E	WM	35	NW NW	0.5

SUPPLEMENTAL IRRIGATION FROM EITHER AQUIFER					
Twp	Rng	Mer	Sec	Q-Q	Acres
6 N	34 E	WM	22	NW NE	23.0
6 N	34 E	WM	22	SW NE	10.0

SUPPLEMENTAL IRRIGATION FROM BASALT AQUIFER					
6 N	34 E	WM	23	NW NW	1.6
6 N	34 E	WM	23	SW SW	37.3
6 N	34 E	WM	23	SE SW	38.4
6 N	34 E	WM	26	NE NW	8.0
6 N	34 E	WM	26	NE SW	3.5
6 N	34 E	WM	26	NW SW	0.4
6 N	34 E	WM	27	NE NE	2.2
6 N	34 E	WM	27	SE NE	0.4

SUPPLEMENTAL IRRIGATION FROM ALLUVIAL AQUIFER					
Twp	Rng	Mer	Sec	Q-Q	Acres
6 N	34 E	WM	26	NE NW	34.8
6 N	34 E	WM	26	NW NW	39.6
6 N	34 E	WM	26	SW NW	29.2
6 N	34 E	WM	26	SE NW	32.9
6 N	34 E	WM	26	NE SW	18.7
6 N	34 E	WM	26	NW SW	37.2
6 N	34 E	WM	26	SW SW	37.1
6 N	34 E	WM	26	SE SW	25.2
6 N	34 E	WM	26	SW SE	12.5
6 N	34 E	WM	27	NE NE	38.0
6 N	34 E	WM	27	SE NE	38.8
6 N	34 E	WM	27	NE SE	36.7
6 N	34 E	WM	27	SE SE	16.6
6 N	34 E	WM	35	NW NE	37.1
6 N	34 E	WM	35	NE NW	40.6
6 N	34 E	WM	35	NW NW	19.4

SUPPLEMENTAL IRRIGATION FOR A DEFICIENCY FROM BASALT AQUIFER					
Twp	Rng	Mer	Sec	Q-Q	Acres
6 N	34 E	WM	26	NE NW	33.2
6 N	34 E	WM	26	NW NW	39.6
6 N	34 E	WM	26	SW NW	29.2
6 N	34 E	WM	26	SE NW	32.9
6 N	34 E	WM	26	NE SW	15.2
6 N	34 E	WM	26	NW SW	36.8
6 N	34 E	WM	26	SW SW	37.1
6 N	34 E	WM	26	SE SW	25.2
6 N	34 E	WM	26	SW SE	12.5
6 N	34 E	WM	27	NE NE	35.8
6 N	34 E	WM	27	SE NE	38.4
6 N	34 E	WM	35	NW NE	37.1
6 N	34 E	WM	35	NE NW	40.6
6 N	34 E	WM	35	NW NW	19.4

**SUPPLEMENTAL IRRIGATION FOR A
DEFICIENCY FROM ALLUVIAL AQUIFER**

Twp	Rng	Mer	Sec	Q-Q	Acres
6 N	34 E	WM	26	NE NW	6.4

Measurement, recording and reporting conditions:

- A. The water user shall maintain the meter or other measuring device in good working order, shall keep a complete record of the amount of water used each month, and shall submit a report which includes the recorded water use measurements to the Department annually or more frequently as may be required by the Director. Further, the Director may require the water user to report general water use information, including the place and nature of use of water under the right.
- 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.

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 interference.

The Water Resources Department has determined the reference levels based on the March 2007 static water levels in the basalt Williams Well's #1, #3, and #4 and non-basalt March Well #1 and #2, and Williams Well #7. The table below identifies the reference level below ground surface for each of these six wells.

Static Water Level Reference Levels	
WELL	Below Land Surface
Williams Well #1	60
Williams Well #3	73
Williams Well #4	45
March Well #1	25
March Well #2	45
Williams Well #7	14

For Williams Wells 3 and 4, ground water for use under this permit shall be produced from the basalt aquifers only.

The works shall be equipped with a usable access port, and may also include an air line and pressure gauge 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.

Mailing List for Certificate

Scheduled Mailing Date:

Application: G-14728

Permit: G-13697

Certificate: *****

89896

Permit/Certificate Holder:

T.O. WILLIAMS & ASSOCIATES
C/O RAY WILLIAMS
49654 UMAPINE RD
MILTON FREEWATER OR 97862

JOHN C & LINDA K VANDREE
TRUSTEES of the REVOCABLE LIVING TRUST OF JOHN C VANDREE &
LINDA K VANDREE
812 GRAND AVENUE
EVERETT WA 98201

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

Copies of Final Certificate to be sent to:

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

Other persons to receive copies: (include map):

1. Jason Melady, CWRE

DRAFT

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

Issued _____

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

DRAFT

Recorded in State Record of Water Right Certificates numbered *****

89896

Jason Melady

To: KOHANEK Craig
Cc: Ray Williams; John and Linda Vandree (john.linda.vandree@gmail.com)
Subject: RE: DRAFT certificate for Application G-14728, Permit G-13697 for Williams/Vandree, request for new map
Attachments: Draft_Cert_Notes.pdf

Hi Craig,
Apologies for the delay in the review of the draft certificate and completing the requested map revisions. We only have one comment on the draft certificate related to the acreage shown as Supplemental Irrigation from Basalt Aquifer in 6N, 34E, section 26, NE NW should be 8.0 acres (shown on draft certificate as 6.4 :res...see attached draft certificate notes on page 3).

Attached is an pdf of the revised Final Proof map based on your request below and includes the 1.6 acres of Supplemental Irrigation from the Basalt Aquifer in 6N, 33E, NW NW, which was inadvertently left off the previous map. We are sending a new polyester version of the Final Proof map via mail today.

Feel free to contact me if you have any comments or questions.

Thanks,
Jason

Jason Melady, RG, CWRE | Senior Hydrogeologist
GSI Water Solutions, Inc. | p: 971-200-8526 | m: 503.799.2198
e: jmelady@gsiwatersolutions.com | w: www.gsiwatersolutions.com

RECEIVED BY OWRD

FEB 02 2015

SALEM, OR

From: KOHANEK Craig [mailto:ron.c.kohanek@state.or.us]
Sent: Friday, August 15, 2014 9:09 AM
To: Jason Melady
Cc: Ray Williams; John and Linda Vandree (john.linda.vandree@gmail.com)
Subject: DRAFT certificate for Application G-14728, Permit G-13697 for Williams/Vandree, request for new map

Jason, Ray, and John,

Attached is the Draft certificate for Application G-14728, Permit G-13697 for Williams/Vandree, request for new map. Please review it against the permit, Claim of Beneficial Use, and Final Proof map for accuracy and completeness. Please provide me any edits or comments

In addition, please provide a new polyester version of the Final Proof map. 1.6 acres of Supplemental Irrigation from the Basalt Aquifer in Township 6N, Range 33E, Section 23 NW 1/4 of the NW 1/4 is not shown on the map. Furthermore, the map should show, using hatching, the different acreages being claimed for irrigation, supplemental irrigation from either aquifer, supplemental irrigation from the Basalt aquifer, supplemental irrigation from the Alluvial aquifer, supplemental irrigation for a deficiency from Basalt aquifer, and supplemental irrigation for a deficiency from Alluvial aquifer (i.e. the different types of use and the source).

R. Craig Kohanek
Water Rights Specialist
Reimbursement Authority
Oregon Water Resources Department
Phone: 503-986-0823
Fax: 503-986-0901
Ron.C.Kohanek@wrд.state.or.us

KOHANEK Craig

From: Jason Melady <JMelady@gsiws.com>
Sent: Friday, January 30, 2015 11:49 AM
To: KOHANEK Craig
Cc: Ray Williams; John and Linda Vandree (john.linda.vandree@gmail.com)
Subject: RE: DRAFT certificate for Application G-14728, Permit G-13697 for Williams/Vandree, request for new map
Attachments: Draft_Cert_Notes.pdf; FinalProof_G13697.pdf

Hi Craig,
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Attached is a scan of the revised Final Proof map based on your request to show sources for various locations within the POU and includes the 1.6 acres of Supplemental Irrigation from the Basalt Aquifer in 6N, 33E, NW NW, which was inadvertently left off the previous map. We are sending a new polyester version of the Final Proof map via mail today.

Feel free to contact me if you have any comments or questions.

Thanks,
Jason

Jason Melady, RG, CWRE | Senior Hydrogeologist

GSI Water Solutions, Inc. | p: 971-200-8526 | m: 503.799.2198

e: jmelady@gsiwatersolutions.com | w: www.gsiwatersolutions.com

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Sent: Friday, August 15, 2014 9:09 AM
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In addition, please provide a new polyester version of the Final Proof map. 1.6 acres of Supplemental Irrigation from the Basalt Aquifer in Township 6N, Range 33E, Section 23 NW 1/4 of the NW 1/4 is not shown on the map. Furthermore, the map should show, using hatching, the different acreages being claimed for irrigation, supplemental irrigation from either aquifer, supplemental irrigation from the Basalt aquifer, supplemental irrigation from the Alluvial aquifer, supplemental irrigation for a deficiency from Basalt aquifer, and supplemental irrigation for a deficiency from Alluvial aquifer (i.e. the different types of use and the source).

R. Craig Kohanek
Water Rights Specialist
Reimbursement Authority
Oregon Water Resources Department
Phone: 503-986-0823
Fax: 503-986-0901
Ron.C.Kohanek@wrд.state.or.us

STATE OF OREGON
COUNTY OF UMATILLA
CERTIFICATE OF WATER RIGHT

THIS CERTIFICATE ISSUED TO

T.O. WILLIAMS & ASSOCIATES
C/O RAY WILLIAMS
49654 UMAPINE RD
MILTON FREEWATER OR 97862

JOHN C & LINDA K VANDREE,
TRUSTEES of the REVOCABLE LIVING TRUST OF JOHN C VANDREE & LINDA K VANDREE
812 GRAND AVENUE
EVERETT WA 98201

confirms the right to use the waters of NINE WELLS in the SWARTZ SPRING CANYON AND PINE CREEK BASINS for IRRIGATION of 221.3 ACRES, SUPPLEMENTAL IRRIGATION FROM BOTH AQUIFERS OF 33.0 ACRES, SUPPLEMENTAL IRRIGATION from the BASALT AQUIFER OF 91.8 ACRES, SUPPLEMENTAL IRRIGATION FROM THE ALLUVIAL AQUIFER OF 494.4 ACRES, and SUPPLEMENTAL IRRIGATION TO MAKE UP DEFICIENCY IN RATE OF 433.0 ACRES FROM BASALT AQUIFER, AND SUPPLEMENTAL IRRIGATION TO MAKE UP A DEFICIENCY IN RATE OF 6.4 ACRES FROM THE ALLUVIAL AQUIFER.

This right was perfected under Permit G-13697. The date of priority is APRIL 20, 1998. The amount of water to which this right is entitled is limited to an amount actually used beneficially, and shall not exceed 9.562 CUBIC FEET PER SECOND (CFS) measured at the wells as follows: 2.77 CFS FOR IRRIGATION, 0.412 CFS FOR SUPPLEMENTAL IRRIGATION FROM EITHER AQUIFER, AND 1.15 CFS SUPPLEMENTAL IRRIGATION FROM THE BASALT AQUIFER, AND 4.892 CFS FOR SUPPLEMENTAL IRRIGATION FROM THE ALLUVIAL AQUIFER, 0.338 CFS FOR SUPPLEMENTAL IRRIGATION TO MAKE UP A DEFICIENCY IN RATE FROM THE BASALT AQUIFER, AND 0.006 CFS FOR SUPPLEMENTAL IRRIGATION TO MAKE UP DEFICIENCY IN RATE FROM ALLUVIAL AQUIFER. (FOR DEFICIENT RATE FROM THE BASALT AQUIFER DEFICIENCY SEE CERTIFICATES 30636 AND 30638; FOR DEFICIENT RATE FROM THE ALLUVIAL AQUIFER SEE CERTIFICATES 36131 AND 36132 AND PERMIT G-12940) FURTHER LIMITED TO A MAXIMUM RATE OF 4.67 CFS FROM BASALT WELLS: WILLIAMS WELLS 1, 3, & 4; AND 4.892 FROM ALLUVIAL WELLS: MARCH WELLS 1, 2 & 3; KEY BROTHERS WELLS 1 & 2; AND FROM WILLIAMS WELL 7.

The period of use is March 1 through October 31.

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.

The wells are located as follows:

Same row
NW
23

Twp	Rng	Mer	Sec	Q-Q	Measured Distances
6 N	34 E	WM	22	NE NE	MARCH WELL 3 (UMAT 5378) - ALLUVIAL 60 FEET SOUTH & 10 FEET WEST FROM NE CORNER, SECTION 22
6 N	34 E	WM	23	NE NW	MARCH WELL 1 (UMAT 4113) - ALLUVIAL 650 FEET SOUTH & 90 FEET WEST FROM N1/4 CORNER, SECTION 23
6 N	34 E	WM	23	SW NW	MARCH WELL 2 (UMAT 5357) - ALLUVIAL 10 FEET NORTH & 350 FEET EAST FROM W1/4 CORNER, SECTION 23
6 N	34 E	WM	23	SW SW	KEY BROS WELL 1 (UMAT 4121) - ALLUVIAL 260 FEET NORTH & 1230 FEET EAST FROM SW CORNER, SECTION 23
6 N	34 E	WM	23	SW SW	WILLIAMS WELL 7 (UMAT 52037) - ALLUVIAL 1230 FEET NORTH & 90 FEET EAST FROM SW CORNER, SECTION 23
6 N	34 E	WM	23	SE SW	KEY BROS WELL 2 (UMAT 4122) - ALLUVIAL 90 FEET NORTH & 1620 FEET EAST FROM SW CORNER, SECTION 23
6 N	34 E	WM	27	SE SE	WILLIAMS WELL 3 (UMAT 53567) - BASALT 970 FEET NORTH & 5 FEET EAST FROM SW CORNER, SECTION 26
6 N	34 E	WM	35	NW NW	WILLIAMS WELL 1 (UMAT 4178) - BASALT 670 FEET SOUTH & 35 FEET EAST FROM NW CORNER, SECTION 35
6 N	34 E	WM	35	SE NW	WILLIAMS WELL 4 (UMAT 4177) - BASALT 1290 FEET SOUTH & 1710 FEET EAST FROM NW CORNER, SECTION 35

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.

BASALT WELLS = Williams 1, 3, and 4

ALLUVIAL WELLS = Williams 7; March 1, 2, and 3; and Key Brothers 1 and 2

The place of use is as follows:

IRRIGATION					
Twp	Rng	Mer	Sec	Q-Q	Acres
6 N	34 E	WM	22	NE NE	22.6
6 N	34 E	WM	22	NW NE	13.8
6 N	34 E	WM	22	SW NE	15.9
6 N	34 E	WM	22	SE NE	16.8
6 N	34 E	WM	22	NE SE	20.7
6 N	34 E	WM	22	NW SE	9.1
6 N	34 E	WM	23	NE NW	13.4
6 N	34 E	WM	23	NW NW	14.0
6 N	34 E	WM	23	SW NW	35.6
6 N	34 E	WM	23	NW SW	5.6
6 N	34 E	WM	26	NE NW	1.6
6 N	34 E	WM	26	SW NW	2.4
6 N	34 E	WM	26	SE NW	1.4
6 N	34 E	WM	26	NE SW	3.1
6 N	34 E	WM	26	NW SW	3.4
6 N	34 E	WM	26	SW SW	0.9
6 N	34 E	WM	26	SE SW	10.9
6 N	34 E	WM	26	SW SE	26.1
6 N	34 E	WM	35	NW NE	3.5
6 N	34 E	WM	35	NW NW	0.5

SUPPLEMENTAL IRRIGATION FROM EITHER AQUIFER					
Twp	Rng	Mer	Sec	Q-Q	Acres
6 N	34 E	WM	22	NW NE	23.0
6 N	34 E	WM	22	SW NE	10.0

SUPPLEMENTAL IRRIGATION FROM BASALT AQUIFER					
6 N	34 E	WM	23	NW NW	1.6
6 N	34 E	WM	23	SW SW	37.3
6 N	34 E	WM	23	SE SW	38.4
6 N	34 E	WM	26	NE NW	6.4
6 N	34 E	WM	26	NE SW	3.5
6 N	34 E	WM	26	NW SW	0.4
6 N	34 E	WM	27	NE NE	2.2
6 N	34 E	WM	27	SE NE	0.4

8.0

SUPPLEMENTAL IRRIGATION FROM ALLUVIAL AQUIFER					
Twp	Rng	Mer	Sec	Q-Q	Acres
6 N	34 E	WM	26	NE NW	34.8
6 N	34 E	WM	26	NW NW	39.6
6 N	34 E	WM	26	SW NW	29.2
6 N	34 E	WM	26	SE NW	32.9
6 N	34 E	WM	26	NE SW	18.7
6 N	34 E	WM	26	NW SW	37.2
6 N	34 E	WM	26	SW SW	37.1
6 N	34 E	WM	26	SE SW	25.2
6 N	34 E	WM	26	SW SE	12.5
6 N	34 E	WM	27	NE NE	38.0
6 N	34 E	WM	27	SE NE	38.8
6 N	34 E	WM	27	NE SE	36.7
6 N	34 E	WM	27	SE SE	16.6
6 N	34 E	WM	35	NW NE	37.1
6 N	34 E	WM	35	NE NW	40.6
6 N	34 E	WM	35	NW NW	19.4

SUPPLEMENTAL IRRIGATION FOR A DEFICIENCY FROM BASALT AQUIFER					
Twp	Rng	Mer	Sec	Q-Q	Acres
6 N	34 E	WM	26	NE NW	33.2
6 N	34 E	WM	26	NW NW	39.6
6 N	34 E	WM	26	SW NW	29.2
6 N	34 E	WM	26	SE NW	32.9
6 N	34 E	WM	26	NE SW	15.2
6 N	34 E	WM	26	NW SW	36.8
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6 N	34 E	WM	27	SE NE	38.4
6 N	34 E	WM	35	NW NE	37.1
6 N	34 E	WM	35	NE NW	40.6
6 N	34 E	WM	35	NW NW	19.4

SUPPLEMENTAL IRRIGATION FOR A DEFICIENCY FROM ALLUVIAL AQUIFER					
Twp	Rng	Mer	Sec	Q-Q	Acres
6 N	34 E	WM	26	NE NW	6.4

Measurement, recording and reporting conditions:

- A. The water user shall maintain the meter or other measuring device in good working order, shall keep a complete record of the amount of water used each month, and shall submit a report which includes the recorded water use measurements to the Department annually or more frequently as may be required by the Director. Further, the Director may require the water user to report general water use information, including the place and nature of use of water under the right.
- 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.

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 interference.

The Water Resources Department has determined the reference levels based on the March 2007 static water levels in the basalt Williams Well's #1, #3, and #4 and non-basalt March Well #1 and #2, and Williams Well #7. The table below identifies the reference level below ground surface for each of these six wells.

Static Water Level Reference Levels	
WELL	Below Land Surface
Williams Well #1	60
Williams Well #3	73
Williams Well #4	45
March Well #1	25
March Well #2	45
Williams Well #7	14

For Williams Wells 3 and 4, ground water for use under this permit shall be produced from the basalt aquifers only.

The works shall be equipped with a usable access port, and may also include an air line and pressure gauge 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.

Issued _____.

Dwight W. French
Water Right Services Division Administrator, *for*
Director
Oregon Water Resources Department

DRAFT

Recorded in State Record of Water Right Certificates numbered *****

Mailing List for Certificate

Scheduled Mailing Date:

Application: G-14728

Permit: G-13697

Certificate: *****

Permit/Certificate Holder:

T.O. WILLIAMS & ASSOCIATES
C/O RAY WILLIAMS
49654 UMAPINE RD
MILTON FREEWATER OR 97862

JOHN C & LINDA K VANDREE
TRUSTEES of the REVOCABLE LIVING TRUST OF JOHN C VANDREE &
LINDA K VANDREE
812 GRAND AVENUE
EVERETT WA 98201

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

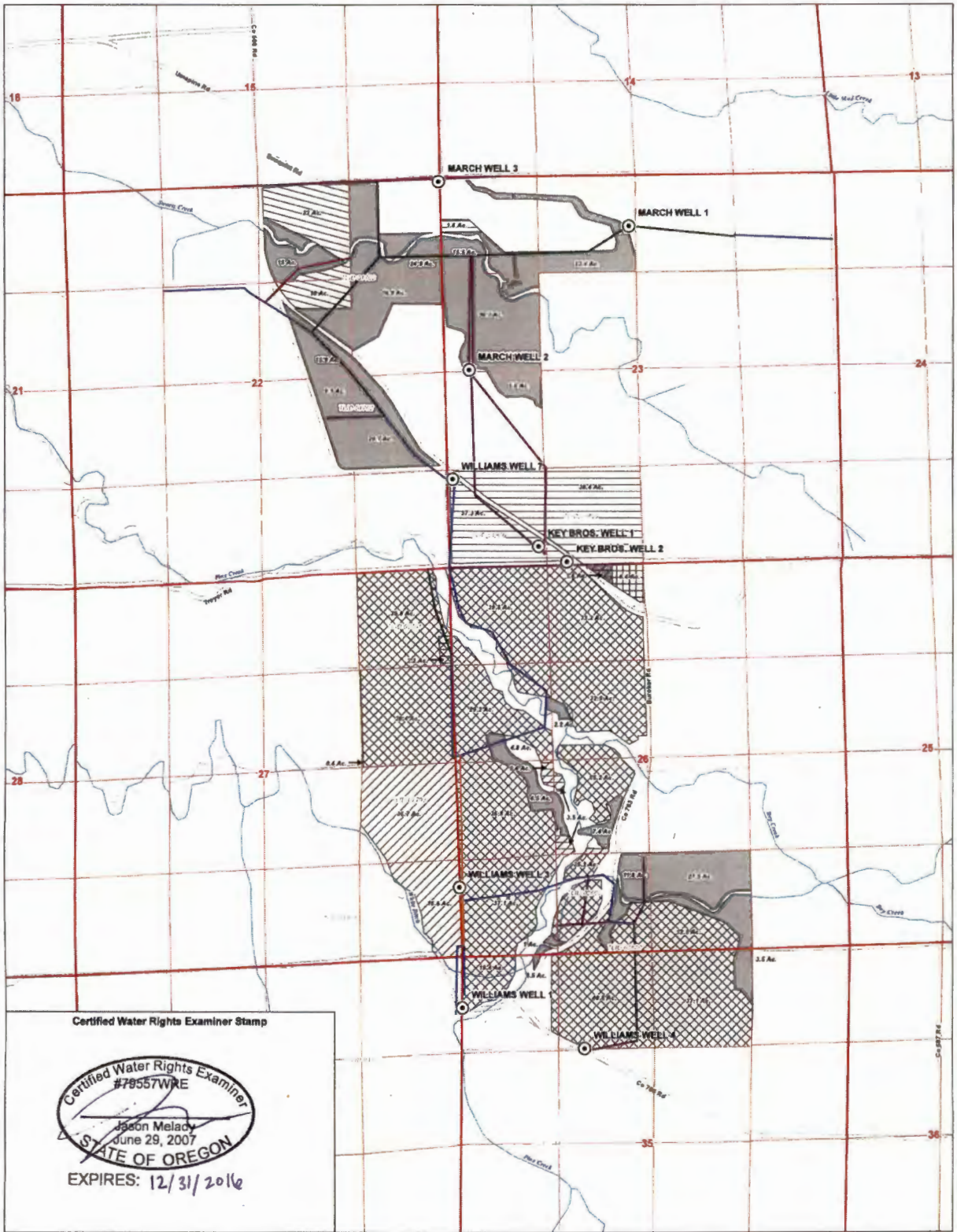
Copies of Final Certificate to be sent to:

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

Other persons to receive copies: (include map):

1. Jason Melady, CWRE

DRAFT



Certified Water Rights Examiner Stamp

Jason Melady
June 29, 2007
STATE OF OREGON
EXPIRES: 12/31/2016

- LEGEND**
- ⊙ Point of Appropriation (POA)
 - - - Tax Lot
 - ~ Watercourse
 - Piece of Use**
 - ▒ Primary
 - ▒ Supplemental
 - ▒ Supplemental Alluvial
 - ▒ Supplemental Basalt
 - ▒ Supplemental for a Deficiency Alluvial
 - ▒ Supplemental for a Deficiency Basalt

- Irrigation Distribution System**
- 15" Intake Main
 - 12" PVC
 - 10" PVC
 - 8" PVC
 - 6" PVC

NOTE:
In-line flow meter installed at the wellhead for each well, with the exception of the Key Brothers wells. A combined power meter to measure flow at both Key Brothers wells is located near Key Brothers Well 2.

POA Legal Description:
 March Well 1 - Located 650 feet South and 90 feet West from the North quarter corner of Section 23, Township 6 North, Range 34 East (W.M.).
 March Well 2 - Located 10 feet North and 350 feet East from the West quarter corner of Section 23, Township 6 North, Range 34 East (W.M.).
 March Well 3 - Located 60 feet South and 10 feet West from the Northwest corner of Section 23, Township 6 North, Range 34 East (W.M.).
 Key Bros. Well 1 - Located 260 feet North and 1,230 feet East from the Southwest corner of Section 23, Township 6 North, Range 34 East (W.M.).
 Key Bros. Well 2 - Located 30 feet North and 1,620 feet East from the Southwest corner of Section 23, Township 6 North, Range 34 East (W.M.).
 Williams Well 1 - Located 670 feet South and 35 feet East from the Northwest corner of Section 35, Township 6 North, Range 34 East (W.M.).
 Williams Well 2 - Located 970 feet North and 5 feet East from the Southwest corner of Section 26, Township 6 North, Range 34 East (W.M.).
 Williams Well 4 - Located 1,290 feet South and 1,710 feet East from the Northwest corner of Section 35, Township 6 North, Range 34 East (W.M.).
 Williams Well 7 - Located 1,230 feet North and 90 feet East from the Southwest corner of Section 23, Township 6 North, Range 34 East (W.M.).

FIGURE 1
Claim of Beneficial Use Map
 Permit G13697 (Application G14728)
 Township 6N, Range 34E
 Sections 22, 23, 26, 27, 34, 35

Disclaimer
 This map was prepared for the purpose of identifying the location of a water right only and is not intended to provide legal dimensions or location of property ownership lines.



MAP NOTES:
 Date: December 4, 2014
 Data Sources: ESRI, ONWRD

KOHANEK Craig

From: John and Linda Vandree <john.linda.vandree@gmail.com>
Sent: Tuesday, August 19, 2014 7:40 AM
To: KOHANEK Craig
Subject: Re: DRAFT certificate for Application G-14728, Permit G-13697 for Williams/Vandree, request for new map

Thanks, Craig. I talked to Tom Williams about the draft. Hopefully, we can meet the draft review requirements in an expeditious fashion.

John

On Fri, Aug 15, 2014 at 9:08 AM, KOHANEK Craig <ron.c.kohanek@state.or.us> wrote:

Jason, Ray, and John,

Attached is the Draft certificate for Application G-14728, Permit G-13697 for Williams/Vandree, request for new map. Please review it against the permit, Claim of Beneficial Use, and Final Proof map for accuracy and completeness. Please provide me any edits or comments

In addition, please provide a new polyester version of the Final Proof map. 1.6 acres of Supplemental Irrigation from the Basalt Aquifer in Township 6N, Range 33E, Section 23 NW 1/4 of the NW 1/4 is not shown on the map. Furthermore, the map should show, using hatching, the different acreages being claimed for irrigation, supplemental irrigation from either aquifer, supplemental irrigation from the Basalt aquifer, supplemental irrigation from the Alluvial aquifer, supplemental irrigation for a deficiency from Basalt aquifer, and supplemental irrigation for a deficiency from Alluvial aquifer (I.e. the different types of use and the source).

R. Craig Kohanek

Water Rights Specialist

Reimbursement Authority

Oregon Water Resources Department

Phone: 503-986-0823

Fax: 503-986-0901

Ron.C.Kohanek@wrdd.state.or.us

KOHANEK Craig

From: KOHANEK Craig
Sent: Friday, August 15, 2014 9:09 AM
To: Jason Melady (JMelady@gsiws.com)
Cc: Ray Williams; John and Linda Vandree (john.linda.vandree@gmail.com)
Subject: DRAFT certificate for Application G-14728, Permit G-13697 for Williams/Vandree, request for new map
Attachments: 14728-or-prop.pdf

Jason, Ray, and John,

Attached is the Draft certificate for Application G-14728, Permit G-13697 for Williams/Vandree, request for new map. Please review it against the permit, Claim of Beneficial Use, and Final Proof map for accuracy and completeness. Please provide me any edits or comments

In addition, please provide a new polyester version of the Final Proof map. 1.6 acres of Supplemental Irrigation from the Basalt Aquifer in Township 6N, Range 33E, Section 23 NW 1/4 of the NW 1/4 is not shown on the map. Furthermore, the map should show, using hatching, the different acreages being claimed for irrigation, supplemental irrigation from either aquifer, supplemental irrigation from the Basalt aquifer, supplemental irrigation from the Alluvial aquifer, supplemental irrigation for a deficiency from Basalt aquifer, and supplemental irrigation for a deficiency from Alluvial aquifer (i.e. the different types of use and the source).

R. Craig Kohanek
Water Rights Specialist
Reimbursement Authority
Oregon Water Resources Department
Phone: 503-986-0823
Fax: 503-986-0901
Ron.C.Kohanek@wrd.state.or.us

STATE OF OREGON
COUNTY OF UMATILLA
CERTIFICATE OF WATER RIGHT

THIS CERTIFICATE ISSUED TO

T.O. WILLIAMS & ASSOCIATES
C/O RAY WILLIAMS
49654 UMAPINE RD
MILTON FREEWATER OR 97862

JOHN C & LINDA K VANDREE, Trustees of the... (see 7-12-12 Assignment)
812 GRAND AVENUE
EVERETT WA 98201

confirms the right to use the waters of NINE WELLS in the SWARTZ SPRING CANYON AND PINE CREEK BASINS for IRRIGATION of 221.3 ACRES and SUPPLEMENTAL IRRIGATION from the BASALT AQUIFER OF 91.8 ACRES, SUPPLEMENTAL IRRIGATION FROM THE ALLUVIAL AQUIFER OF 494.4 ACRES, SUPPLEMENTAL IRRIGATION FROM BOTH AQUIFERS OF 33.0 ACRES and SUPPLEMENTAL IRRIGATION TO MAKE UP DEFICIENCY IN RATE OF 433.0 ACRES FROM BASALT AQUIFER, AND SUPPLEMENTAL IRRIGATION TO MAKE UP A DEFICIENCY IN RATE OF 6.4 ACRES FROM THE ALLUVIAL AQUIFER.

MAXIMUM RATE: 9.562 CUBIC FEET PER SECOND (CFS), BEING 2.77 CFS FOR IRRIGATION, 0.412 CFS FOR SUPPLEMENTAL IRRIGATION FROM EITHER AQUIFER, AND 1.15 CFS SUPPLEMENTAL IRRIGATION FROM THE BASALT AQUIFER, AND 4.892 CFS FOR SUPPLEMENTAL IRRIGATION FROM THE ALLUVIAL AQUIFER, 0.338 CFS FOR SUPPLEMENTAL IRRIGATION TO MAKE UP A DEFICIENCY IN RATE FROM THE BASALT AQUIFER, AND 0.006 CFS FOR SUPPLEMENTAL IRRIGATION TO MAKE UP DEFICIENCY IN RATE FROM ALLUVIAL AQUIFER. (FOR DEFICIENT RATE FROM THE BASALT AQUIFER DEFICIENCY SEE CERTIFICATES 30636 AND 30638; FOR DEFICIENT RATE FROM THE ALLUVIAL AQUIFER SEE CERTIFICATES 36131 AND 36132 AND PERMIT G-12940) FURTHER LIMITED TO A MAXIMUM RATE OF 4.67 CFS FROM BASALT WELLS: WILLIAMS WELLS 1, 3, & 4; AND 4.892 FROM ALLUVIAL WELLS MARCH WELLS 1, 2 & 3, KEY BROTHERS WELLS 1 & 2, AND FROM WILLIAMS WELL 7.

This right was perfected under Permit G-13697. The date of priority is APRIL 20, 1998. The amount of water to which this right is entitled is limited to an amount actually used beneficially, and shall not exceed 9.562 CUBIC FEET PER SECOND (CFS) measured at the wells as follows: 2.77 cfs or 1R, 0.412 for 1S...

The period of use is March 1 through October 31.

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.

The wells are located as follows:

changes based on map:

Twp	Rng	Mer	Sec	Q-Q	Measured Distances ⁶⁰
6 N	34 E	WM	22	NE NE ¹⁰	MARCH WELL 3 (UMAT 5378) - ALLUVIAL 150 FEET SOUTH & 110 FEET WEST FROM NE CORNER, SECTION 22
6 N	34 E	WM	23	NE NW	MARCH WELL 1 (UMAT 4113) - ALLUVIAL 650 FEET SOUTH & 90 FEET WEST FROM N1/4 CORNER, SECTION 23
6 N	34 E	WM	23	SW NW	MARCH WELL 2 (UMAT 5357) - ALLUVIAL 10 FEET NORTH & 350 FEET EAST FROM W1/4 CORNER, SECTION 23
6 N	34 E	WM	23	SW SW	KEY BROS WELL 1 (UMAT 4121) - ALLUVIAL 260 FEET NORTH & 1230 FEET EAST FROM SW CORNER, SECTION 23
6 N	34 E	WM	23	SW SW ⁹⁰	WILLIAMS WELL 7 (UMAT 52037) - ALLUVIAL 1000 FEET 1230 NORTH & 100 FEET EAST FROM SW CORNER, SECTION 23
6 N	34 E	WM	23	SE SW	KEY BROS WELL 2 (UMAT 4122) - ALLUVIAL 30 FEET NORTH & 1620 FEET EAST FROM SW CORNER, SECTION 23
6 N	34 E	WM	26	SE SW	WILLIAMS WELL 2 - BASALT 240 FEET NORTH & 2530 FEET EAST FROM SW CORNER, SECTION 26
6 N	34 E	WM	27	SE SE ⁵	WILLIAMS WELL 3 (UMAT 53567) - BASALT 400 FEET 970 NORTH & 100 FEET WEST FROM SE CORNER, SECTION 27
6 N	34 E	WM	35	NW NW ³⁵	WILLIAMS WELL 1 (UMAT 4178) - BASALT 760 FEET SOUTH & 40 FEET EAST FROM NW CORNER, SECTION 35 ⁶⁷⁰
6 N	34 E	WM	35	SE NW NE NW	WILLIAMS WELL 4 (UMAT 4177) - BASALT 1335 FEET 1290 SOUTH & 1650 FEET EAST FROM NW CORNER, SECTION 35 ¹¹⁷⁰

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.

BASALT WELLS = Williams 1, 3, and 4

ALLUVIAL WELLS = Williams 7; March 1, 2, and 3; and Key Brothers 1 and 2

The place of use is as follows:

Suggestion:

IRRIGATION					
Twp	Rng	Mer	Sec	Q-Q	Acres
6 N	34 E	WM	22	NE NE	22.6
6 N	34 E	WM	22	NW NE	13.8
6 N	34 E	WM	22	SW NE	15.9
6 N	34 E	WM	22	SE NE	16.8
6 N	34 E	WM	22	NE SE	20.7
6 N	34 E	WM	22	NW SE	9.1
6 N	34 E	WM	23	NE NW	13.4
6 N	34 E	WM	23	NW NW	14.0
6 N	34 E	WM	23	SW NW	35.6
6 N	34 E	WM	23	NW SW	5.6
6 N	34 E	WM	26	NE NW	1.6
6 N	34 E	WM	26	SW NW	2.4
6 N	34 E	WM	26	SE NW	1.4
6 N	34 E	WM	26	NE SW	3.1
6 N	34 E	WM	26	NW SW	3.4
6 N	34 E	WM	26	SW SW	0.9
6 N	34 E	WM	26	SE SW	10.9
6 N	34 E	WM	26	SW SE	26.1
6 N	34 E	WM	35	NW NE	3.5
6 N	34 E	WM	35	NW NW	0.5

FROM EITHER AQUIFER

+ .1 = 11.0?

suggest:

SUPPLEMENTAL IRRIGATION FROM EITHER AQUIFER

Twp	Rng	Mer	Sec	Q-Q	Acres
6 N	34 E	WM	22	NW NE	23.0
6 N	34 E	WM	22	SW NE	10.0

Suggestion

irrigation from
AQUIFER

Twp	Rng	Mer	Sec	Q-Q	Acres
6 N	34 E	WM	23	NW NW	1.6
6 N	34 E	WM	23	SW SW	37.3
6 N	34 E	WM	23	SE SW	38.4
6 N	34 E	WM	26	NE NW	8.0
6 N	34 E	WM	26	NE SW	3.5
6 N	34 E	WM	26	NW SW	0.4
6 N	34 E	WM	27	NE NE	2.2
6 N	34 E	WM	27	SE NE	0.4

NOT on map (no IS in NWNW, sec 23)

6.4? (6.4 on map)

irrigation from
AQUIFER

Twp	Rng	Mer	Sec	Q-Q	Acres
6 N	34 E	WM	26	NE NW	34.8
6 N	34 E	WM	26	NW NW	39.6
6 N	34 E	WM	26	SW NW	29.2
6 N	34 E	WM	26	SE NW	32.9
6 N	34 E	WM	26	NE SW	15.2
6 N	34 E	WM	26	NW SW	36.8
6 N	34 E	WM	26	SW SW	37.1
6 N	34 E	WM	26	SE SW	25.2
6 N	34 E	WM	26	SW SE	12.5
6 N	34 E	WM	27	NE NE	35.8
6 N	34 E	WM	27	SE NE	38.4
6 N	34 E	WM	27	NE SE	36.7
6 N	34 E	WM	27	SE SE	16.6
6 N	34 E	WM	35	NW NE	37.1
6 N	34 E	WM	35	NE NW	40.6
6 N	34 E	WM	35	NW NW	15.9

33.2 on map

Based on map:

18.7
37.2

38.0
38.8

19.4

irrigation from
AQUIFER

Twp	Rng	Mer	Sec	Q-Q	Acres
6 N	34 E	WM	26	NE NW	33.2 OK
6 N	34 E	WM	26	NW NW	39.6
6 N	34 E	WM	26	SW NW	29.2
6 N	34 E	WM	26	SE NW	32.9
6 N	34 E	WM	26	NE SW	15.2
6 N	34 E	WM	26	NW SW	36.8
6 N	34 E	WM	26	SW SW	37.1
6 N	34 E	WM	26	SE SW	25.2
6 N	34 E	WM	26	SW SE	12.5
6 N	34 E	WM	27	NE NE	35.8
6 N	34 E	WM	27	SE NE	38.4
6 N	34 E	WM	35	NW NE	37.1
6 N	34 E	WM	35	NE NW	40.6
6 N	34 E	WM	35	NW NW	15.9

19.4 (15.9 + 3.5)
see map

IRRIGATION

FROM

aquifer

SUPPLEMENTAL FOR A DEFICIENCY ALLUVIAL					
Twp	Rng	Mer	Sec	Q-Q	Acres
6 N	34 E	WM	26	NE NW	6.4

Measurement, recording and reporting conditions:

- A. The water user shall maintain the meter or other measuring device in good working order, shall keep a complete record of the amount of water used each month, and shall submit a report which includes the recorded water use measurements to the Department annually or more frequently as may be required by the Director. Further, the Director may require the water user to report general water use information, including the place and nature of use of water under the right.
- 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.

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 interference.

The Water Resources Department has determined that the March 2007 static water levels in the basalt wells Williams Well #1, #3, and #4 and non-basalt wells March Well #1, March Well #2, and Williams Well #7. The table below identifies the reference level below ground surface for each of these six wells.

the reference levels based on

Static Water Level Reference Levels	
WELL	Below Land Surface
Williams Well #1	60
Williams Well #3	73
Williams Well #4	45
March Well #1	25
March Well #2	45
Williams Well #7	14

← was omission of Well 1 on the permit a typo?

For Williams Wells 3 and 4, ground water for use under this permit shall be produced from the basalt aquifers only.

need this?

Ground water for use under this right shall be produced from no shallower than 120 feet below land surface, unless information obtained during well construction indicates that a shallower casing and seal will adequately prevent interference with nearby surface water sources. - would apply only to A transfer of POA

The works shall be equipped with a usable access port, and may also include an air line and pressure gauge 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.

Issued _____.

Dwight W. French
Water Right Services Division Administrator, *for*
Director
Oregon Water Resources Department

Recorded in State Record of Water Right Certificates numbered *****

Mailing List for Certificate

Scheduled Mailing Date:

Application: G-14728

Permit: G-13697

Certificate: *****

Permit/Certificate Holder:

T.O. WILLIAMS & ASSOCIATES
C/O RAY WILLIAMS
49654 UMAPINE RD
MILTON FREEWATER OR 97862

JOHN C & LINDA K VANDREE, *Trustees of the . . .*
812 GRAND AVENUE
EVERETT WA 98201

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

Copies of Final Certificate to be sent to:

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

Other persons to receive copies: (include map):

1. Jason Melady, CWRE

KOHANEK Craig

From: KOHANEK Craig
Sent: Monday, August 11, 2014 9:06 AM
To: 'john.linda.vandree@gmail.com'
Subject: Progress of the certificate for reimbursement authority project R11950

John & Linda,

The DRAFT certificate for you and T.O. Williams is being peer reviewed. Once that's completed I will send a copy of it to you and the Williams' for your review and approval. I believe that there may be an issue or two with the map, as some lands may not be shown. If this is confirmed by the peer review, then I will request that a new polyester map be provided before the certificate is issued. I realize that I told you I would likely get you a DRAFT certificate for review by the end of July, however I had some unanticipated circumstances that required me to take a few days off in July. You should see a DRAFT certificate this week.

R. Craig Kohanek
Water Rights Specialist
Reimbursement Authority
Oregon Water Resources Department
Phone: 503-986-0823
Fax: 503-986-0901
Ron.C.Kohanek@wrd.state.or.us

KOHANEK Craig

From: John and Linda Vandree <john.linda.vandree@gmail.com>
Sent: Thursday, July 03, 2014 7:53 AM
To: KOHANEK Craig
Subject: Re: Status update for Reimbursement Authority project R11950-11 for application G-14728, permit G-13697

Thank you, Craig!
Sincerely,
John

On Wed, Jul 2, 2014 at 3:05 PM, KOHANEK Craig <ron.c.kohanek@state.or.us> wrote:

John,

There are no other issues preventing me from proceeding my work on this document, as all nine wells have received either an approved pump test or a multiple well exemption. I intend to have a proposed certificate for review by July 18th at the latest; as I am taking a week off between now and then.

R. Craig Kohanek

Water Rights Specialist

Reimbursement Authority

Oregon Water Resources Department

Phone: [503-986-0823](tel:503-986-0823)

Fax: [503-986-0901](tel:503-986-0901)

Ron.C.Kohanek@wrд.state.or.us

KOHANEK Craig

From: KOHANEK Craig
Sent: Wednesday, July 02, 2014 3:06 PM
To: John and Linda Vandree (john.linda.vandree@gmail.com)
Subject: Status update for Reimbursement Authority project R11950-11 for application G-14728, permit G-13697

John,

There are no other issues preventing me from proceeding my work on this document, as all nine wells have received either an approved pump test or a multiple well exemption. I intend to have a proposed certificate for review by July 18th at the latest; as I am taking a week off between now and then.

R. Craig Kohanek
Water Rights Specialist
Reimbursement Authority
Oregon Water Resources Department
Phone: 503-986-0823
Fax: 503-986-0901
Ron.C.Kohanek@wrd.state.or.us

KOHANEK Craig

From: John and Linda Vandree <john.linda.vandree@gmail.com>
Sent: Monday, June 16, 2014 10:38 AM
To: KOHANEK Craig
Subject: Re: Application G-14728, Permit G-13697 Expedited Review

Craig,

Thanks for your communication. The well on the 160 acres of farmland that we purchased from the Williams is Basalt Well 4. All the rest of the wells are on the Williams property which consist of 9 wells of combination alluvial and basalt. My understanding from Tom and Ray Williams is that the expedited review process is proceeding under the principle of representative basalt and alluvial well testing to meet the requirement for the Claim of Beneficial Use. As you pointed out, we are tied into the 10 well water permit and our desire has been to support the completion of the requirements for COBU to which our well would be included. To support the process, the alluvial well test on the Williams property was completed and in the spirit of facilitation, I mailed the well test results to you. I understand you have previously received the representative basalt well test as well. Sorry if this has generated confusion as to our role and interest in the COBU process. Thank you for pointing out the correction required on my typo for the permit!

Regards,
John and Linda Vandree

On Mon, Jun 16, 2014 at 8:28 AM, KOHANEK Craig <ron.c.kohanek@state.or.us> wrote:

John,

I received the pump test for the alluvial well you sent to me and have forwarded it to the Groundwater Section for evaluation. I assume that the tested well is owned by you and is on your property. Furthermore, as there are 10 wells on this permit I assume that you may want to request a multiple well exemption for the other alluvial wells that you own that are included on this permit.

http://apps.wrd.state.or.us/apps/misc/vault/vault.aspx?Type=Permit&permit_char=G&permit_nbr=13697 I have included, for your convenience. this link to the pump test the rules. Of particular note to you may be OAR 690-217-0020 (3). http://arcweb.sos.state.or.us/pages/rules/oars_600/oar_690/690_217.html I know that the 10 wells are a combination of alluvial and basalt wells. So, the question is on whose lands are which wells. Are all the basalt wells on T O Williams lands and all the alluvial wells on your land?

Once your alluvial pump test has been evaluated and my question about which wells are on whose lands is answered, then I'll have a better idea as to when the certificate may be completed.

Please note that the permit number is G-13697 and not G-13796.

Craig

From: John and Linda Vandree [mailto:john.linda.vandree@gmail.com]
Sent: Friday, June 06, 2014 8:43 AM
To: KOHANEK Craig
Subject: G-13796 Expedited Review

Craig,

This is to give you a heads up about the alluvial well test results required to complete the application for Claim of Beneficial Use for water permit G-13796. After stopping in at the Pendleton regional office, I decided to mail the pump test form directly to you to avoid the extra pair of hands involved in the process. The pump test form and results are in the postal mail and should be getting to you within the next few days. Does anything further need to be done to complete the expedited review and the issuance of the Claim of Beneficial Use? What would you estimate is the timeframe for the issuance of the Claim of Beneficial Use?

Thanks in advance for your consideration.

Regards,

John Vandree

KOHANEK Craig

From: KOHANEK Craig
Sent: Monday, June 16, 2014 8:29 AM
To: 'John and Linda Vandree'
Subject: RE: Application G-14728, Permit G-13697 Expedited Review

John,

I received the pump test for the alluvial well you sent to me and have forwarded it to the Groundwater Section for evaluation. I assume that the tested well is owned by you and is on your property. Furthermore, as there are 10 wells on this permit I assume that you may want to request a multiple well exemption for the other alluvial wells that you own that are included on this permit.

http://apps.wrd.state.or.us/apps/misc/vault/vault.aspx?Type=Permit&permit_char=G&permit_nbr=13697 I have included, for your convenience. this link to the pump test the rules. Of particular note to you may be OAR 690-217-0020 (3). http://arcweb.sos.state.or.us/pages/rules/oars_600/oar_690/690_217.html I know that the 10 wells are a combination of alluvial and basalt wells. So, the question is on whose lands are which wells. Are all the basalt wells on T O Williams lands and all the alluvial wells on your land?

Once your alluvial pump test has been evaluated and my question about which wells are on whose lands is answered, then I'll have a better idea as to when the certificate may be completed.

Please note that the permit number is G-13697 and not G-13796.

Craig

From: John and Linda Vandree [<mailto:john.linda.vandree@gmail.com>]
Sent: Friday, June 06, 2014 8:43 AM
To: KOHANEK Craig
Subject: G-13796 Expedited Review

Craig,

This is to give you a heads up about the alluvial well test results required to complete the application for Claim of Beneficial Use for water permit G-13796. After stopping in at the Pendleton regional office, I decided to mail the pump test form directly to you to avoid the extra pair of hands involved in the process. The pump test form and results are in the postal mail and should be getting to you within the next few days. Does anything further need to be done to complete the expedited review and the issuance of the Claim of Beneficial Use? What would you estimate is the timeframe for the issuance of the Claim of Beneficial Use?

Thanks in advance for your consideration.

Regards,
John Vandree

KOHANEK Craig

From: KOHANEK Craig
Sent: Wednesday, May 28, 2014 9:22 AM
To: 'John and Linda Vandree'
Subject: RE: G-13697 OWRD expedited review

John & Linda,

My apologies for not having gotten back to you yesterday but I took it off in conjunction with Memorial Day. I assume that you delivered the pump test to the Pendleton regional office yesterday and that they will forward it to me in Salem. Once I receive the test I will forward it to the Groundwater Section so it may be reviewed. T.O. Williams has applied for expedited processing of the Claim of Beneficial Use. There is an approved pump test for the basalt well, well log id UMAT 4178, which was constructed 3/31/1948 to a depth of 702' for Dorothy Kelly.

Sincerely,

Craig

From: John and Linda Vandree [<mailto:john.linda.vandree@gmail.com>]
Sent: Monday, May 26, 2014 3:33 PM
To: ron.c.kohanek@state.or.us
Subject: G-13697 OWRD expedited review

Dear Craig,

I'd like to reintroduce myself. I'm John Vandree and I've spoken with you in February, 2013 about the expedited review of permit G-13796 for Claim of Beneficial Use application G-14728. I'm tied in with the Williams in their application as I've purchased from them 160 acres involved in the water permit. As you know, two well tests have been required. The first representative basalt well test was performed by Mark Norton, state hydrologist, and I trust the results have been sent to you. The other representative alluvial well test has just been completed by Don Widner. I will be picking up the test results and look forward to delivering the results into your hands Tuesday, May 27th late afternoon as my wife Linda and I will be coming to Pendleton.

Out of ignorance, I need to ask where I should deliver the alluvial well test results. Also, do you in fact have the basalt well test from Mark Norton? If not, how can I get the well test results to you? I was told by the Williams that they have applied for and paid for the expedited review process. Is this accurate?

Thanks in advance for your consideration.

John and Linda Vandree
812 Grand Ave
Everett, WA 98201
Home: 425 252-0790
Cell: 425 327-4929 or 425 327-5794
Fax: 425 258-5062

STATE ENGINEER
Salem, Oregon

MAT
4178

Well Record

STATE WELL NO. 6N/34-35D(1)
COUNTY UMATILLA
APPLICATION NO. U-294

OWNER: Dorothy Kelly Cockburn MAILING ADDRESS: _____

LOCATION OF WELL: Owner's No. _____ CITY AND STATE: _____

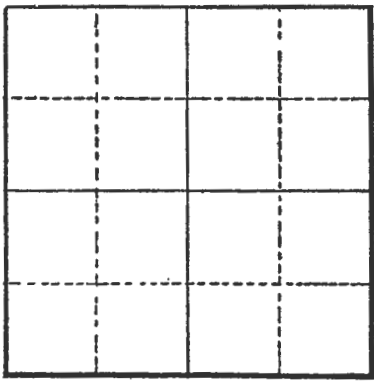
NW 1/4 NW 1/4 Sec. _____ T. _____ N. S., R. _____ E. W., W.M.

Bearing and distance from section or subdivision corner 746' S. & 23' E. of NW corner of Sec. 35

Altitude at well _____

TYPE OF WELL: Drilled Date Constructed Sept. '47 - Mar '48

Depth drilled 702 Depth cased 60 Section 35



CASING RECORD:

18 and 14 inch - set to 60 feet

FINISH:

AQUIFERS:

WATER LEVEL:

PUMPING EQUIPMENT: Type _____ H.P. _____
Capacity _____ G.P.M.

WELL TESTS:
Drawdown _____ ft. after _____ hours _____ G.P.M.
Drawdown _____ ft. after _____ hours _____ G.P.M.

USE OF WATER Irrigation Temp. _____ °F. _____, 19____

SOURCE OF INFORMATION U-294, U.S.G.S. Report

DRILLER or DIGGER A. A. Durand & Son

ADDITIONAL DATA:
Log Water Level Measurements _____ Chemical Analysis _____ Aquifer Test _____

REMARKS:

STATE ENGINEER
Salem, Oregon

State Well No. 6N/34-35D(1)
County Umatilla
Application No. U-294

Well Log

Owner: Dorothy Kelly Cookburn Owner's No. _____
Driller: A. A. Durand & Son Date Drilled Sept. '47, Mar. '48

CHARACTER OF MATERIAL	(Feet below land surface)		Thickness (feet)
	From	To	
Soil and yellow clay	0	11	11
Gravel, cemented	11	20	9
Rock and boulders	20	21	1
Gravel, cemented	21	37	16
Rock, water bearing	37	38	1
Basalt, brown	38	48	10
Gravel	48	51	3
Gravel and clay	51	58	7
Gravel, cemented	58	75	17
Basalt, brown	75	90	15
Basalt, brown, hard	90	102	12
Basalt, crevice	102	106	4
Basalt, honey combed, water bearing	106	108	2
Basalt, brown, hard	108	120	12
Gravel, gray, cemented	120	125	5
Clay, blue and gravel	125	140	15
Basalt, brown, water bearing	140	160	20
Basalt, hard, gray	160	168	8
Basalt, gray	168	178	10
Basalt, gray, soft	178	200	22
Basalt, broken, brown	200	220	20
Basalt, blue	220	255	35
Basalt, brown honeycombed	255	260	5
Basalt, blue	260	270	10

9-189
(Oct. 1930)

DEC 19 1963

NOTEBOOK SHEET

Name Newcomb, Seva & Turner Date Dec 17, 1963

Current metering deep wells near
Milton - Free water

Marion Cockburn well 6/34-35D1

Well flowing 5 gpm (est) over 14-inch
flange at land surface

Depth (ft below land surface)	Wicks/min	Vel (ft/sec)	Flow (gpm)
----------------------------------	-----------	-----------------	---------------

50 0

100 0

200 0

300 0

400 0

500 0

540 entered smaller hole, or pipe, or offset

550 0

600 0

650 0

666 passed pipe, hole, offset, or arch

690 0

699± on bottom

Conclusion:

No water moving in well, except
the 5 gpm overflow, at
this time and hydraulic
condition.

RCN

KOHANEK Craig

From: John and Linda Vandree <john.linda.vandree@gmail.com>
Sent: Monday, May 26, 2014 3:33 PM
To: ron.c.kohaneke@state.or.us
Subject: G-13697 OWRD expedited review

Dear Craig,

I'd like to reintroduce myself. I'm John Vandree and I've spoken with you in February, 2013 about the expedited review of permit G-13796 for Claim of Beneficial Use application G-14728. I'm tied in with the Williams in their application as I've purchased from them 160 acres involved in the water permit. As you know, two well tests have been required. The first representative basalt well test was performed by Mark Norton, state hydrologist, and I trust the results have been sent to you. The other representative alluvial well test has just been completed by Don Widner. I will be picking up the test results and look forward to delivering the results into your hands Tuesday, May 27th late afternoon as my wife Linda and I will be coming to Pendleton.

Out of ignorance, I need to ask where I should deliver the alluvial well test results. Also, do you in fact have the basalt well test from Mark Norton? If not, how can I get the well test results to you? I was told by the Williams that they have applied for and paid for the expedited review process. Is this accurate?

Thanks in advance for your consideration.

John and Linda Vandree
812 Grand Ave
Everett, WA 98201
Home: 425 252-0790
Cell: 425 327-4929 or 425 327-5794
Fax: 425 258-5062

Craig Kohanek

From: John and Linda Vandree <john.linda.vandree@gmail.com>
Sent: Thursday, February 14, 2013 10:48 AM
To: ron.c.kohanek@state.or.us
Subject: Vandree contact information regarding Williams-Vandree COBU

Craig,

Thanks for your time on the telephone this morning regarding the status of Williams-Vandree COBU permit G-13607. I thought I'd pass on contact information for potential future communications: John and Linda Vandree, 812 Grand Ave, Everett, WA 98201, Home 425 252-0790, Cell 425 327-4929, Fax 425 258-5062, email john.linda.vandree@gmail.com. Thanks again for your consideration.

John and Linda

Craig Kohanek

From: Craig Kohanek
Sent: Thursday, January 31, 2013 9:53 AM
To: 'Langford, Shonee D.'
Cc: Jason Melady (JMelady@gsiws.com)
Subject: RE: Pump Test on Basalt Well Williams and Associates App - G-14728, Permit G-13697

Shonee,

If Ray wants Marc to conduct the test, he or his representative need to coordinate with Marc to make this happen. Marc will be out in Umatilla beginning next week for 7-10 days for the annual groundwater synoptic. This may be an excellent opportunity to meet to coordinate a test in March.

Craig

From: Langford, Shonee D. [<mailto:SLangford@SCHWABE.com>]
Sent: Thursday, January 31, 2013 9:33 AM
To: Craig Kohanek
Subject: RE: Pump Test on Basalt Well Williams and Associates App - G-14728, Permit G-13697

Thanks Craig. Just what I needed.

SHONEE D. LANGFORD | Attorney at Law
SCHWABE, WILLIAMSON & WYATT
Direct: 503-540-4261 | Fax: 503-796-2900
Legal advisors for the future of your business®
www.schwabe.com

From: Craig Kohanek [<mailto:ron.c.kohanek@state.or.us>]
Sent: Thursday, January 31, 2013 7:57 AM
To: Langford, Shonee D.
Subject: FW: Pump Test on Basalt Well Williams and Associates App - G-14728, Permit G-13697

Shonee,

Here's the other email I said that I'd send to answer your question as to its status. See below.

Craig

From: Craig Kohanek
Sent: Thursday, January 24, 2013 9:02 AM
To: Jason Melady (JMelady@gsiws.com)
Cc: Marc Norton
Subject: FW: Pump Test on Basalt Well

Jason,

You left me a voicemail on Monday about application G-14728, permit G-13697 for T.O. Williams & Associates Inc. Marc Norton, see email below, and I spoke with Ray Williams on a conference call on December 11th to identify which basalt well would be pump tested. The result of that conversation is the email below. I've spoken with Marc, and neither of us have heard anything since the conference call and subsequent email below.

As you see, I've Cc'd Marc on this email and would appreciate your "replying all" if you choose to respond to this email.

Craig

From: Marc Norton
Sent: Wednesday, December 12, 2012 9:37 AM
To: Ray Williams
Cc: Craig Kohanek; Ivan Gall
Subject: Pump Test on Basalt Well

Hi Ray,

I mentioned to Ivan that I would like to install a recorder in Well #4 for your pump test conducted for certification process. During the discussion, Ivan wondered about doing a longer test, say 24 hours rather than 4 hours. Would you be interested in allowing the Department to conduct the test? It would be best if the pump in Well #4 was pulled several days before the pump test so that we could install the recorder. Department staff would measure groundwater levels in all three of your wells. Let me know so that we can coordinate schedules for equipment installation, the pump test and recovery, etc.

Marc

To comply with IRS regulations, we are required to inform you that this message, if it contains advice relating to federal taxes, cannot be used for the purpose of avoiding penalties that may be imposed under federal tax law. Any tax advice that is expressed in this message is limited to the tax issues addressed in this message. If advice is required that satisfies applicable IRS regulations, for a tax opinion appropriate for avoidance of federal tax law penalties, please contact a Schwabe attorney to arrange a suitable engagement for that purpose.

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Craig Kohanek

From: Langford, Shonee D. <SLangford@SCHWABE.com>
Sent: Thursday, January 31, 2013 9:33 AM
To: Craig Kohanek
Subject: RE: Pump Test on Basalt Well Williams and Associates App - G-14728, Permit G-13697

Thanks Craig. Just what I needed.

SHONEE D. LANGFORD | Attorney at Law
SCHWABE, WILLIAMSON & WYATT
Direct: 503-540-4261 | Fax: 503-796-2900
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www.schwabe.com

From: Craig Kohanek [<mailto:ron.c.kohanek@state.or.us>]
Sent: Thursday, January 31, 2013 7:57 AM
To: Langford, Shonee D.
Subject: FW: Pump Test on Basalt Well Williams and Associates App - G-14728, Permit G-13697

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Craig

From: Craig Kohanek
Sent: Thursday, January 24, 2013 9:02 AM
To: Jason Melady (JMelady@gsiws.com)
Cc: Marc Norton
Subject: FW: Pump Test on Basalt Well

Jason,

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As you see, I've Cc'd Marc on this email and would appreciate your "replying all" if you choose to respond to this email.

Craig

From: Marc Norton
Sent: Wednesday, December 12, 2012 9:37 AM
To: Ray Williams

Cc: Craig Kohanek; Ivan Gall
Subject: Pump Test on Basalt Well

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Craig Kohanek

From: Craig Kohanek
Sent: Thursday, January 31, 2013 7:57 AM
To: Langford, Shonee D. (SLangford@SCHWABE.com)
Subject: FW: Pump Test on Basalt Well Williams and Associates App - G-14728, Permit G-13697

Shonee,

Here's the other email I said that I'd send to answer your question as to its status. See below.

Craig

From: Craig Kohanek
Sent: Thursday, January 24, 2013 9:02 AM
To: Jason Melady (JMelady@qsiws.com)
Cc: Marc Norton
Subject: FW: Pump Test on Basalt Well

Jason,

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As you see, I've Cc'd Marc on this email and would appreciate your "replying all" if you choose to respond to this email.

Craig

From: Marc Norton
Sent: Wednesday, December 12, 2012 9:37 AM
To: Ray Williams
Cc: Craig Kohanek; Ivan Gall
Subject: Pump Test on Basalt Well

Hi Ray,

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Marc

Craig Kohanek

From: Craig Kohanek
Sent: Thursday, January 31, 2013 7:54 AM
To: 'Langford, Shonee D.'
Subject: RE: App G-14728/ Permit G-13697

Shonee,

Yes it is. I've chosen to forward you another email to answer you second question.

Craig

From: Langford, Shonee D. [<mailto:SLangford@SCHWABE.com>]
Sent: Tuesday, January 29, 2013 10:25 AM
To: Craig Kohanek
Subject: App G-14728/ Permit G-13697

Craig,

Could you please tell me if the claim of beneficial use filed last year for the above permit is being processed under reimbursement authority? We represent one of the permit holders, Ray Williams, but weren't involved in the filing of an RA request and are curious as to the status.

Thanks.

Shonee

SHONEE D. LANGFORD | Attorney at Law
SCHWABE, WILLIAMSON & WYATT
530 Center Street NE, Suite 400, Salem, OR 97301
Direct: 503-540-4261 | Fax: 503-796-2900
Email: slangford@schwabe.com <<mailto:youreemail@schwabe.com>>
Assistant: Karen Donohue | Direct: 503-540-4262 | kdonohue@schwabe.com
Legal advisors for the future of your business®
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Craig Kohanek

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Thanks.

Shonee

SHONEE D. LANGFORD | Attorney at Law
SCHWABE, WILLIAMSON & WYATT
530 Center Street NE, Suite 400, Salem, OR 97301
Direct: 503-540-4261 | Fax: 503-796-2900
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Craig Kohanek

From: Craig Kohanek
Sent: Thursday, January 24, 2013 9:02 AM
To: Jason Melady (JMelady@gsiws.com)
Cc: Marc Norton
Subject: FW: Pump Test on Basalt Well

Jason,

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As you see, I've Cc'd Marc on this email and would appreciate your "replying all" if you choose to respond to this email.

Craig

From: Marc Norton
Sent: Wednesday, December 12, 2012 9:37 AM
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Marc

Craig Kohanek

From: Marc Norton
Sent: Wednesday, December 12, 2012 1:44 PM
To: Craig Kohanek
Subject: RE: Pump Test on Basalt Well

Roger dodger

From: Craig Kohanek
Sent: Wednesday, December 12, 2012 1:24 PM
To: Marc Norton
Subject: RE: Pump Test on Basalt Well

Marc,

If Ray doesn't "Reply All", will you please forward his response?

Craig

From: Marc Norton
Sent: Wednesday, December 12, 2012 9:37 AM
To: Ray Williams
Cc: Craig Kohanek; Ivan Gall
Subject: Pump Test on Basalt Well

Hi Ray,

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Marc

Craig Kohanek

From: Craig Kohanek
Sent: Friday, November 16, 2012 1:58 PM
To: Jason Melady (JMelady@gsiws.com)
Subject: Pump tests for R11950-11 T.O.Williams, application G-14728

Jason,

Two pump tests as well as a multiple well exemption request are needed for the nine wells being claimed in application G-14728 due to them being constructed in both alluvial and basalt aquifers. I don't think it matters which alluvial well is tested and which are exempted. However, for the basalt wells you may want to confer with Marc Norton who is the agency hydrogeologist that will be reviewing the tests.

I have attached the Oregon Administrative Rules Division 217 Requirements for Pump Testing of Nonexempt Wells http://arcweb.sos.state.or.us/pages/rules/oars_600/oar_690/690_217.html.

Especially important in the pump testing of the basalt well is that there be an access port to measure water levels in the well with an e-tape, as an airline is only permissible if the water level below land surface is greater than 300'.

R. Craig Kohanek
Water Rights Specialist
Reimbursement Authority
Oregon Water Resources Department
Phone: 503-986-0823
Fax: 503-986-0901
Ron.c.kohanek@wrд.state.or.us

Craig Kohanek

From: Craig Kohanek
Sent: Wednesday, November 07, 2012 8:48 AM
To: Marc Norton
Subject: RE: Reimbursement Authority (RA) application G-14728 for T.O. Williams & Associates pump test

Shore enuff; UMAT 4178, UMAT 4177, UMAT 53567

From: Marc Norton
Sent: Wednesday, November 07, 2012 8:27 AM
To: Craig Kohanek
Cc: Ivan Gall
Subject: RE: Reimbursement Authority (RA) application G-14728 for T.O. Williams & Associates pump test

Hi Craig,

Good timing. I will be in the field next week - Milton-Freewater area. I can stop at all three basalt wells to see if any of them are acceptable for an aquifer test. Do you have well logs for the three wells? We can talk whenever you are ready.

Marc

From: Craig Kohanek
Sent: Tuesday, November 06, 2012 9:42 AM
To: Marc Norton
Cc: Ivan Gall
Subject: Reimbursement Authority (RA) application G-14728 for T.O. Williams & Associates pump test

Gentlemen,

I have just signed an RA agreement for application G-14728 for T.O. Williams & Associates to expedite it's certificate. This right has 10 permitted wells, nine of which are being proved-up on. There are three basalt wells and six alluvial wells. No pump tests have been submitted and I wanted to identify which basalt well and which alluvial well would be your preference to be tested so that a multiple well exemption could be sought for the other wells.

Here's the link to this right. http://apps.wrd.state.or.us/apps/misc/vault/vault.aspx?Type=Permit&permit_char=G&permit_nbr=13697

Once you've had time to review it, let's talk.

R. Craig Kohanek
Water Rights Specialist
Reimbursement Authority
Oregon Water Resources Department
Phone: 503-986-0823
Fax: 503-986-0901
Ron.c.kohanek@wrdr.state.or.us

Craig Kohanek

From: Marc Norton
Sent: Wednesday, November 07, 2012 8:27 AM
To: Craig Kohanek
Cc: Ivan Gall
Subject: RE: Reimbursement Authority (RA) application G-14728 for T.O. Williams & Associates pump test

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To: Marc Norton
Cc: Ivan Gall
Subject: Reimbursement Authority (RA) application G-14728 for T.O. Williams & Associates pump test

Gentlemen,

I have just signed an RA agreement for application G-14728 for T.O. Williams & Associates to expedite it's certificate. This right has 10 permitted wells, nine of which are being proved-up on. There are three basalt wells and six alluvial wells. No pump tests have been submitted and I wanted to identify which basalt well and which alluvial well would be your preference to be tested so that a multiple well exemption could be sought for the other wells.

Here's the link to this right. http://apps.wrd.state.or.us/apps/misc/vault/vault.aspx?Type=Permit&permit_char=G&permit_nbr=13697

Once you've had time to review it, let's talk.

R. Craig Kohanek
Water Rights Specialist
Reimbursement Authority
Oregon Water Resources Department
Phone: 503-986-0823
Fax: 503-986-0901
Ron.c.kohanek@ wrd.state.or.us

Craig Kohanek

From: Craig Kohanek
Sent: Tuesday, November 06, 2012 9:42 AM
To: Marc Norton
Cc: Ivan Gall
Subject: Reimbursement Authority (RA) application G-14728 for T.O. Williams & Associates pump test

Gentlemen,

I have just signed an RA agreement for application G-14728 for T.O. Williams & Associates to expedite it's certificate. This right has 10 permitted wells, nine of which are being proved-up on. There are three basalt wells and six alluvial wells. No pump tests have been submitted and I wanted to identify which basalt well and which alluvial well would be your preference to be tested so that a multiple well exemption could be sought for the other wells.

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Once you've had time to review it, let's talk.

R. Craig Kohanek
Water Rights Specialist
Reimbursement Authority
Oregon Water Resources Department
Phone: 503-986-0823
Fax: 503-986-0901
Ron.c.kohanek@wrđ.state.or.us

**STATE OF OREGON
WATER RESOURCES DEPARTMENT**

RECEIPT # **107255**

725 Summer St. N.E. Ste. A
SALEM, OR 97301-4172
(503) 986-0900 / (503) 986-0904 (fax)

INVOICE # _____

RECEIVED FROM: William Hudson Bay
BY: _____

APPLICATION	G-14728
PERMIT	
TRANSFER	

CASH: CHECK: # cashiers OTHER: (IDENTIFY) 789889

TOTAL REC'D \$ 1930⁰⁰

1063 TREASURY 4170 WRD MISC CASH ACCT

0407	COPIES	47126 R-11-950-11	\$
<u>0408</u>	OTHER:	(IDENTIFY) <u>Reimbursement Authority</u>	\$ 1930 ⁰⁰
0243	I/S Lease	_____	
0244	Muni Water Mgmt. Plan	_____	
0245	Cons. Water	_____	

4270 WRD OPERATING ACCT

MISCELLANEOUS

0407	COPY & TAPE FEES		\$
0410	RESEARCH FEES		\$
0408	MISC REVENUE: (IDENTIFY)	_____	\$
TC162	DEPOSIT LIAB. (IDENTIFY)	_____	\$
0240	EXTENSION OF TIME		\$
WATER RIGHTS:			
0201	SURFACE WATER	EXAM FEE	RECORD FEE
0203	GROUND WATER	\$	\$
0205	TRANSFER	\$	\$
WELL CONSTRUCTION			
0218	WELL DRILL CONSTRUCTOR	EXAM FEE	LICENSE FEE
	LANDOWNER'S PERMIT	\$	\$
	OTHER (IDENTIFY)	0202	\$
		0204	\$
		0219	\$
		0220	\$

0536 TREASURY 0437 WELL CONST. START FEE

0211	WELL CONST START FEE	\$	CARD #
0210	MONITORING WELLS	\$	CARD #
	OTHER (IDENTIFY)		

0607 TREASURY 0467 HYDRO ACTIVITY LIC NUMBER

0233	POWER LICENSE FEE (FW/WRD)		\$
0231	HYDRO LICENSE FEE (FW/WRD)		\$
	HYDRO APPLICATION		\$

TREASURY OTHER / RDX

FUND	_____	TITLE	_____
OBJ. CODE	_____	VENDOR #	_____
DESCRIPTION	_____		\$

RECEIPT: **107255** DATED: 11-5-12 BY: AR

**STATE OF OREGON
WATER RESOURCES DEPARTMENT**

725 Summer St. N.E. Ste. A
SALEM, OR 97301-4172
(503) 986-0900 / (503) 986-0904 (fax)

RECEIPT # **107255**

INVOICE # _____

RECEIVED FROM: William Hudson Bay
BY: _____

APPLICATION	G-14728
PERMIT	
TRANSFER	

CASH: CHECK: # 789889 OTHER: (IDENTIFY) _____

TOTAL REC'D \$ 1930⁰⁰

1083 TREASURY 4170 WRD MISC CASH ACCT

0407 COPIES 47126 R-11-950-11 \$ _____
0408 OTHER: (IDENTIFY) Reimbursement Authority \$ 1930⁰⁰

0243 I/S Lease _____ 0244 Muni Water Mgmt. Plan _____ 0245 Cons. Water _____

4270 WRD OPERATING ACCT

MISCELLANEOUS

0407 COPY & TAPE FEES	\$ _____
0410 RESEARCH FEES	\$ _____
0408 MISC REVENUE: (IDENTIFY) _____	\$ _____
TC162 DEPOSIT LIAB. (IDENTIFY) _____	\$ _____
0240 EXTENSION OF TIME	\$ _____

WATER RIGHTS:

0201 SURFACE WATER	EXAM FEE	0202	RECORD FEE
0203 GROUND WATER	\$ _____	0204	\$ _____
0205 TRANSFER	\$ _____		

WELL CONSTRUCTION

0218 WELL DRILL CONSTRUCTOR	EXAM FEE	0219	LICENSE FEE
LANDOWNER'S PERMIT	\$ _____	0220	\$ _____

OTHER (IDENTIFY) _____

0536 TREASURY 0437 WELL CONST. START FEE

0211 WELL CONST START FEE	\$ _____	CARD #	_____
0210 MONITORING WELLS	\$ _____	CARD #	_____

OTHER (IDENTIFY) _____

0607 TREASURY 0467 HYDRO ACTIVITY LIC NUMBER

0233 POWER LICENSE FEE (FW/WRD)	_____	\$ _____
0231 HYDRO LICENSE FEE (FW/WRD)	_____	\$ _____
HYDRO APPLICATION	_____	\$ _____

TREASURY OTHER / RDX

FUND _____ TITLE _____
OBJ. CODE _____ VENDOR # _____
DESCRIPTION _____ \$ _____

RECEIPT: **107255** DATED: 11512 BY: AR



**OREGON WATER RESOURCES DEPARTMENT
CERTIFICATE REIMBURSEMENT AUTHORITY
APPLICANT'S AGREEMENT**



Contract Number: **R11950-11**

This Agreement is between the **Oregon Water Resources Department**, hereafter OWRD, and **T.O. Williams & Associates Inc.** hereafter Applicants, hereafter known together as the parties.

OWRD Information	Applicant's Information	Applicant's Representative
Project Contact: R. Craig Kohanek Reimbursement Authority Oregon Water Resources Department	Name: <u>Ray Williams</u> Title: <u>Owner</u> Company: <u>T.O. Williams & Associates Inc.</u>	Name: <u>Jason Melady</u> Title: <u>Hydrogeologist Representative</u> Company: <u>GSI Water Solutions, Inc.</u>
725 Summer Street, NE	Address: <u>49654 Umapine Road</u>	Address: <u>55 SW Yamhill Street, Suite</u>
Salem, OR 97301-1271	<u>Milton-Freewater, OR 97862</u>	[REDACTED]
Phone: 503-986-0823	Phone: <u>503-301-1333</u>	Phone: [REDACTED]
Email: <u>Ron.c.kohanek@state.or.us</u>	Email: <u>heifers@bmi.net</u>	Email: <u>jmelady@gsiws.com</u>

- Purpose.** The purpose of this Agreement is to expedite the processing of the **Claim of Beneficial Use**. (Application Number: [REDACTED])
- Authority.** ORS 536.055 authorizes the OWRD to enter into a voluntary agreement with any applicant, permittee or regulated entity (collectively Applicant) for expediting or enhancing a regulatory process. In making this agreement, OWRD shall require the applicant to pay the full cost of expedited process.
- Restrictions.** T.O. Williams & Associates Inc. and OWRD agree that this Agreement shall not be construed to restrict in any way the decisions and actions by OWRD. OWRD shall be free to exercise independent judgment consistent with existing laws and regulations.
- Effective Date and Duration.** Unless otherwise terminated by non-deposit of funds by the Applicant, this Agreement shall become effective on the date on which both parties have signed the Agreement and the full deposit of the estimated cost of the proposed service has been received by OWRD.
- Consideration.** T.O. Williams & Associates Inc. shall pay OWRD in advance for actual costs incurred by OWRD. T.O. Williams & Associates Inc. agrees to pay the full amount of \$1250 to OWRD prior to commencement of any work stated in this Agreement. This payment will be placed in an account administered by OWRD and drawn upon as costs are actually incurred. If the actual cost of performing the work is less than payments received, OWRD will refund the unspent balance. If the actual cost of processing exceeds the estimate, the Applicant can either elect to terminate this Agreement or amend the Agreement to reflect the increase in cost. The costs stated in this Agreement do not include the statutory application processing and filing fees.
- Confidentiality.** T.O. Williams & Associates Inc. agrees that any information provided to or acquired by OWRD under this Agreement will be subject to the Oregon Public Records Law and shall be considered public records.
- Indemnity.** Applicant shall defend, save, hold harmless, and indemnify the State of Oregon, OWRD, and their officers, employees, and agents from and against all claims, suits, actions, losses, damages, liabilities, costs and expenses of any nature resulting from or arising out of, or relating to the activities of Applicant or its representatives, officers, employees, contractors, or agents under this Agreement or with respect to the expedited service. The Applicant acknowledges that the Oregon Water Resources Department cannot and does not guarantee a favorable review under the subject regul

RECEIVED BY OWRD
NOV 05 2012
SALEM, OR

8. **Termination.** Applicant may request to terminate this agreement only in writing at anytime during the process. The Applicant agrees to pay for the work done by the Reimbursement Authority personnel up until the time of the written termination request. OWRD, upon receiving such written termination request from the Applicant, will refund any unspent balance after paying the Reimbursement Authority personnel for the work done.
9. **Funds Authorized and Available.** By its execution of this Agreement, Applicants certifies that sufficient funds are authorized and available to cover the expenditures contemplated by this Agreement.
10. **Duration of Estimate.** The Estimate of Time to complete the work is no later than ninety (90) days once this Agreement has been fully executed and payment of the estimated cost deposited. However, this estimate is contingent on the Applicant's expeditious resolution of any deficiency and may be affected by the Department's work load. This Estimate of Time may become null and void after thirty (30) days from the date the Applicant's Agreement is mailed. If the Applicant's Agreement is not received by the Department within thirty (30) days of mailing the Agreement, the Applicant may need to re-apply for a new estimate.
11. **Completion Date.** OWRD, by the execution of this Agreement does not guarantee the completion date indicated in this Agreement. Completion date is only an estimate and may be affected by the Department's workload, issues arising from the processing of the requested services and Applicant's timely response to requests for additional information.
12. **Captions.** The captions or headings in this Agreement are for the convenience only and in no way define limit or describe the scope or intent of any provision of this Agreement.
13. **Amendment and Merger.** The terms of this Agreement shall not be waived, altered, modified, supplemented or amended in any manner whatsoever, except by written instrument signed by both parties. Such waiver, consent, modification or change, if made, shall be effective only in the specific instance and for the specific purpose given. There are no understandings, agreements or representations, oral or written, not specified herein regarding this Agreement.
14. **Signatures.** All parties, by the authorized representative's signature below, hereby acknowledge that they have read this Agreement, understand it and agree to be bound by its terms and conditions.

Applicant: Ray Williams
Name: Ray Williams
Title: Owner
Company: T.O. Williams & Associates Inc.
Date: 11/2/12

For OWRD: B. Craig Kohanek
Name: R. Craig Kohanek
Water Rights and Adjudication Division
Date: 11/6/2012

Mail signed Agreement to:

Craig Kohanek
Oregon Water Resources Department
725 Summer Street NE, Suite A
Salem, OR 97301-1271

Craig Kohanek

From: Craig Kohanek
Sent: Thursday, November 01, 2012 11:02 AM
To: Jason Melady (JMelady@gsiws.com)
Subject: FW: RA Certificate Estimate for T.O. Williams & Associates Inc. R11950-11 involving application # G-14728
Attachments: RA Certificate Contract.pdf

Jason,

Just checking again to see if your client, T.O. Williams and Associates incorporated intend to enter into the attached agreement? The Department will honor the estimate we provided back in June.

R. Craig Kohanek

From: Craig Kohanek
Sent: Wednesday, September 26, 2012 10:58 AM
To: Jason Melady (JMelady@gsiws.com)
Subject: FW: RA Certificate Estimate for T.O. Williams & Associates Inc. R11950-11 involving application # G-14728

Jason,

This is in response to the voicemail you just left me. I provided the attached estimate/contract back in June - see below - and have received neither a signed copy nor payment.

R. Craig Kohanek

From: Craig Kohanek
Sent: Tuesday, June 12, 2012 11:16 AM
To: 'heifer@bmi.net'
Cc: Jason Melady (JMelady@gsiws.com)
Subject: RA Certificate Estimate for T.O. Williams & Associates Inc. R11950-11 involving application # G-14728

Ray & Jason,

Please find the attached estimate and agreement to process your permit into a certificate. The cost to process this permit into a certificate is higher than our average, due to the number of wells involved and because some of the wells are constructed in alluvium and others into basalt; requiring at least two pump tests to be examined and data input by a hydrogeologist and requests for multiple well exemptions for the other seven wells. If the proposed agreement is acceptable to you, please return a signed copy to our office along with the payment of the estimated cost to process it.

If you have any questions, please call me.

R. Craig Kohanek
Water Rights Specialist
Reimbursement Authority
Oregon Water Resources Department
Phone: 503-986-0823
Fax: 503-986-0901

Ron.c.kohane@wrд.state.or.us

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R. Craig Kohanek
Water Rights Specialist
Reimbursement Authority
Oregon Water Resources Department
Phone: 503-986-0823
Fax: 503-986-0901
Ron.c.kohanek@wrд.state.or.us

Craig Kohanek

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To: 'heifer@bmi.net'
Cc: Jason Melady (JMelady@gsiws.com)
Subject: RA Certificate Estimate for T.O. Williams & Associates Inc. R11950-11 involving application # G-14728
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If you have any questions, please call me.

R. Craig Kohanek
Water Rights Specialist
Reimbursement Authority
Oregon Water Resources Department
Phone: 503-986-0823
Fax: 503-986-0901
Ron.c.kohanek@wrд.state.or.us



**OREGON WATER RESOURCES DEPARTMENT
CERTIFICATE REIMBURSEMENT AUTHORITY
ESTIMATE APPLICATION**



ORS 536.055 authorizes the Oregon Water Resources Department to expedite or enhance regulatory processes voluntarily requested under the agreement.

The purpose of this application is to obtain estimates of the cost and time required to process a Certificate Request. There is a non-refundable application fee of \$125.00 per request.

<u>REQUEST</u>	<u>TYPE</u>	<u>FILE NUMBER</u>
<input checked="" type="checkbox"/>	Certificate Request	Application Number <u>G-14728</u> Permit Number <u>G-13697</u> Transfer Number (if applicable) _____

	<u>Applicant Information</u>	<u>Applicant's Representative/Contact</u>
Name:	Ray Williams / <u>T.O. Williams + Assoc. Inc.</u>	Jason Melady
Title (optional):	Owner	Hydrogeologist
Address:	49654 Umphine Road Milton-Freewater, OR 97862	55 SW Yamhill Street, Suite 400 Portland, OR 97204
Phone:	509-301-1385	503-239-8799 ext. 104
E-Mail Address:	heifers@bmi.net	jmelady@gsiws.com

I certify that I (check one):

- have previously filed a Claim of Beneficial Use.
- am attaching the Claim of Beneficial Use with this request and have included the appropriate claim fee.

I understand the following:

- That upon receipt of my non-refundable application fee in the amount of **\$ 125.00**, OWRD will, within fourteen (14) days, notify me in writing of the estimates of cost and time frame for the expedited service.
- That this fee covers the reimbursement authority staff to evaluate and provide the estimate for processing of the request.
- That upon receiving the estimate I may agree or decline to enter into a formal contract to pay the estimated cost in advance to initiate the expedited service.
- An incomplete or inaccurate Claim of Beneficial Use may delay the process and increase the cost to process my request.
- Expedited processing does not guarantee a favorable review of my request.

You may request a one-hour conference with OWRD staff. The conference would only occur after you have signed the contract and paid the estimated cost of processing your application. Please indicate your preference (check one):

- I do not want to schedule a one-hour conference with OWRD staff.
- I want to schedule a one-hour conference with OWRD staff to discuss my project. I understand that I will be billed for this time, and that it may affect my total costs.

Send completed Application and payment to:
**Oregon Water Resources Department
 Certificate Reimbursement Authority Program
 725 Summer St. NE, Suite A
 Salem, OR 97301-1271**

I certify that I am the (check one):

- Applicant Applicant's Representative Other (Please specify) _____

Name: Ray Williams

Signature: T.O. Williams + Assoc. Inc. (Print)
Ray Williams (Print)



OWRD USE ONLY: Reimbursement Authority Number: R11 950 11

**STATE OF OREGON
WATER RESOURCES DEPARTMENT**

725 Summer St. N.E. Ste. A
SALEM, OR 97301-4172

(503) 986-0900 / (503) 986-0904 (fax)

RECEIPT # **105935**

INVOICE # _____

RECEIVED FROM: T. O. Williams +
BY: ASSOC. INC.

APPLICATION	<u>G14728</u>
PERMIT	
TRANSFER	

CASH: CHECK: # 768999 OTHER: (IDENTIFY) _____

TOTAL REC'D \$ 125.00

1083 TREASURY 4170 WRD MISC CASH ACCT

0407 COPIES 47126 R 11-950-11 \$ _____
0408 OTHER: (IDENTIFY) Reimbursement \$ 125.00
Authority
0243 I/S Lease _____ 0244 Muni Water Mgmt. Plan _____ 0245 Cons. Water _____

4270 WRD OPERATING ACCT

MISCELLANEOUS

0407	COPY & TAPE FEES		\$
0410	RESEARCH FEES		\$
0408	MISC REVENUE: (IDENTIFY)		\$
TC162	DEPOSIT LIAB. (IDENTIFY)		\$
0240	EXTENSION OF TIME		\$
	WATER RIGHTS:		
0201	SURFACE WATER	EXAM FEE \$	0202 \$
0203	GROUND WATER	EXAM FEE \$	0204 \$
0205	TRANSFER	EXAM FEE \$	
	WELL CONSTRUCTION		
0218	WELL DRILL CONSTRUCTOR	EXAM FEE \$	0219 \$
	LANDOWNER'S PERMIT		0220 \$
	OTHER (IDENTIFY)		

0536 TREASURY 0437 WELL CONST. START FEE

0211 WELL CONST START FEE \$ _____ CARD # _____
0210 MONITORING WELLS \$ _____ CARD # _____
OTHER (IDENTIFY) _____

0607 TREASURY 0467 HYDRO ACTIVITY LIC NUMBER

0233 POWER LICENSE FEE (FWWRD) \$ _____
0231 HYDRO LICENSE FEE (FWWRD) \$ _____
HYDRO APPLICATION \$ _____

TREASURY OTHER / RDX

FUND _____ TITLE _____
OBJ. CODE _____ VENDOR # _____
DESCRIPTION _____ \$ _____

RECEIPT: **105935**

DATED: 6-7-12 BY: ZR

**STATE OF OREGON
WATER RESOURCES DEPARTMENT**

725 Summer St. N.E. Ste. A

SALEM, OR 97301-4172

(503) 986-0900 / (503) 986-0904 (fax)

RECEIPT # **105935**

INVOICE # _____

RECEIVED FROM: T. O. Williams +

APPLICATION G14728

BY: ASSOC. INC.

PERMIT _____

TRANSFER _____

CASH: CHECK: # 1768999 OTHER: (IDENTIFY) _____

TOTAL REC'D \$ 125.00

1083 TREASURY 4170 WRD MISC CASH ACCT

0407 COPIES 47126 R 11-95011 \$ _____

040 OTHER: (IDENTIFY) Reimbursement \$ 125.00

0243 I/S Lease _____ 0244 Muni Water Mgmt. Plan _____ 0245 Cons. Water _____

4270 WRD OPERATING ACCT

MISCELLANEOUS

0407 COPY & TAPE FEES \$ _____

0410 RESEARCH FEES \$ _____

0408 MISC REVENUE: (IDENTIFY) _____ \$ _____

TC162 DEPOSIT LIAB. (IDENTIFY) _____ \$ _____

0240 EXTENSION OF TIME _____ \$ _____

WATER RIGHTS:

0201 SURFACE WATER

EXAM FEE
\$ _____

 0202

RECORD FEE
\$ _____

0203 GROUND WATER

EXAM FEE
\$ _____

 0204

RECORD FEE
\$ _____

0205 TRANSFER

EXAM FEE
\$ _____

WELL CONSTRUCTION

0218 WELL DRILL CONSTRUCTOR

EXAM FEE
\$ _____

 0219

LICENSE FEE
\$ _____

LANDOWNER'S PERMIT 0220

LICENSE FEE
\$ _____

OTHER (IDENTIFY) _____

0536 TREASURY 0437 WELL CONST. START FEE

0211 WELL CONST START FEE \$ _____ CARD # _____

0210 MONITORING WELLS \$ _____ CARD # _____

OTHER (IDENTIFY) _____

0607 TREASURY 0467 HYDRO ACTIVITY LIC NUMBER

0233 POWER LICENSE FEE (FW/WRD) _____ \$ _____

0231 HYDRO LICENSE FEE (FW/WRD) _____ \$ _____

HYDRO APPLICATION _____ \$ _____

TREASURY OTHER / RDX

FUND _____ TITLE _____

OBJ. CODE _____ VENDOR # _____

DESCRIPTION _____ \$ _____

RECEIPT: **105935**

DATED: 6-7-12 BY: RR

Craig Kohanek

From: Sandra Todd
Sent: Thursday, June 07, 2012 3:02 PM
To: Lorraine Ramsey
Cc: Craig Kohanek; Dave Nelson; Salem Opeifa
Subject: RE: CERTIFICATE REQUEST RA #

R11950 11 PCA 47126

Thank you.

Sandy

From: Lorraine Ramsey
Sent: Thursday, June 07, 2012 2:39 PM
To: Sandra Todd
Cc: Craig Kohanek; Dave Nelson; Salem Opeifa
Subject: CERTIFICATE REQUEST RA #

Hello,

Applicant: Ray Williams/ T O Williams & Assoc. Inc.

Related to Application: G-14728

Receipt # 105935

Thanks,

Lorraine

*Lorraine Ramsey
Office Specialist 1
Oregon Water Resources Department
725 Summer St. NE Ste A
Salem, OR 97301*

Craig Kohanek

From: Lorraine Ramsey
Sent: Thursday, June 07, 2012 2:39 PM
To: Sandra Todd
Cc: Craig Kohanek; Dave Nelson; Salem Opeifa
Subject: CERTIFICATE REQUEST RA #

Hello,

Applicant: Ray Williams/ T O Williams & Assoc. Inc.

Related to Application: G-14728

Receipt # 105935

Thanks,

Lorraine

*Lorraine Ramsey
Office Specialist 1
Oregon Water Resources Department
725 Summer St. NE Ste A
Salem, OR 97301*



Oregon

John A. Kitzhaber, MD, Governor

Water Resources Department

North Mall Office Building
725 Summer Street NE, Suite A
Salem, OR 97301-1271
503-986-0900
FAX 503-986-0904

June 18, 2014

RAY WILLIAMS
THOMAS O WILLIAMS & ASSOCIATES INC.
49654 UMAPINE RD
MILTON-FREEWATER OR 97862

GW

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

Basalt Wells

Application	Water Right	Permitted Well	Tested Well	Test Date	Test Status	Exemption	Owner's Well Name
G 14728	Permit: G 13697 *	UMAT 4178	UMAT 4178	03/20/2013	Approved	None	Williams Well 1
G 14728	Permit: G 13697 *	UMAT 53567	UMAT 4178	03/20/2013	Exempted	Multiple Well	Williams Well 3 (Cockburn Well 3)
G 14728	Permit: G 13697 *	UMAT 4177	UMAT 4178	03/20/2013	Exempted	Multiple Well	Williams Well 4

Please contact me if you have any questions.

Sincerely,

Karl Wozniak
Ground Water/Hydrology Section

cc: GW Pump Test File



Oregon

John A. Kitzhaber, MD, Governor

Water Resources Department
North Mall Office Building
725 Summer Street NE, Suite A
Salem, OR 97301-1271
503-986-0900
FAX 503-986-0904

June 18, 2014

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THOMAS O WILLIAMS & ASSOCIATES INC.
49654 UMAPINE RD
MILTON-FREEWATER OR 97862

GW

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

Basalt Wells

Application	Water Right	Permitted Well	Tested Well	Test Date	Test Status	Exemption	Owner's Well Name
G 14728	Permit: G 13697 *	UMAT 4178	UMAT 4178	03/20/2013	Approved	None	Williams Well 1
G 14728	Permit: G 13697 *	UMAT 53567	UMAT 4178	03/20/2013	Exempted	Multiple Well	Williams Well 3 (Cockburn Well 3)
G 14728	Permit: G 13697 *	UMAT 4177	UMAT 4178	03/20/2013	Exempted	Multiple Well	Williams Well 4

Please contact me if you have any questions.

Sincerely,

Karl Wozniak
Ground Water/Hydrology Section

cc: GW Pump Test File



Oregon

John A. Kitzhaber, MD, Governor

Water Resources Department

North Mall Office Building
725 Summer Street NE, Suite A
Salem, OR 97301-1271
503-986-0900
FAX 503-986-0904

June 18, 2014

RAY WILLIAMS
THOMAS O WILLIAMS & ASSOCIATES INC.
49654 UMAPINE RD
MILTON-FREEWATER OR 97862

GW

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

Application	Water Right	Permitted Well	Tested Well	Test Date	Test Status	Exemption	Owner's Well Name
G 14728	Permit: G 13697 *	UMAT 52037	UMAT 52037	04/02/2014	Approved	None	Williams Well 7
G 14728	Permit: G 13697 *	UMAT 4121	UMAT 52037	04/02/2014	Exempted	Multiple Well	Key Bros Well 1 (Cockburn Well 2)
G 14728	Permit: G 13697 *	UMAT 4113	UMAT 52037	04/02/2014	Exempted	Multiple Well	H March Well 1 (Big Well 1)
G 14728	Permit: G 13697 *	UMAT 4122	UMAT 52037	04/02/2014	Exempted	Multiple Well	Key Bros Well 2 (Cockburn Well 1)
G 14728	Permit: G 13697 *	UMAT 5357	UMAT 52037	04/02/2014	Exempted	Multiple Well	H March Well 2 (On the Hill)
G 14728	Permit: G 13697 *	UMAT 5378	UMAT 52037	04/02/2014	Exempted	Multiple Well	H March Well 3

Please contact me if you have any questions.

Sincerely,

Karl Wozniak
Ground Water Hydrology Section

cc: GW Pump Test File

OWRD Pump Test Plots & Analysis for Single Well Tests

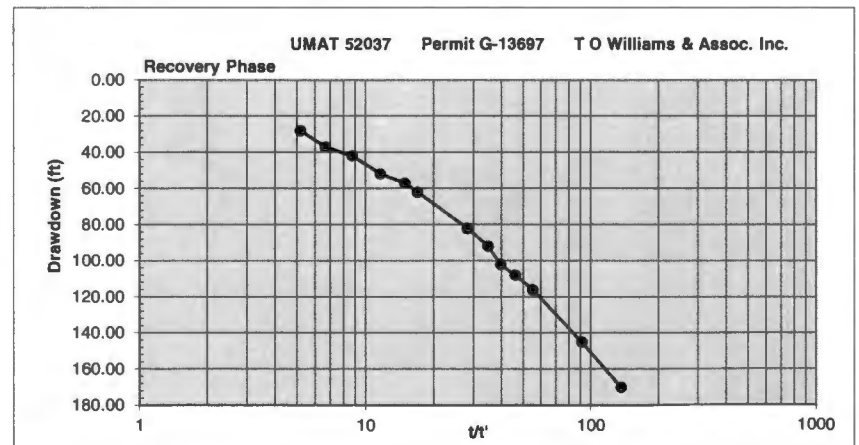
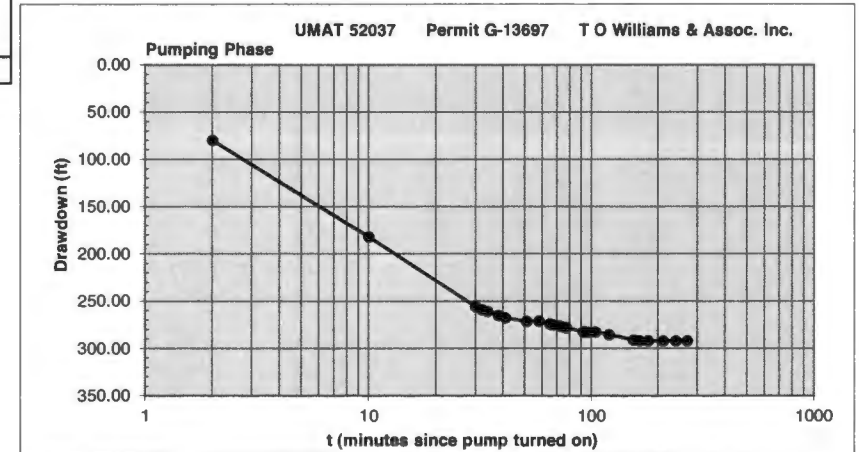
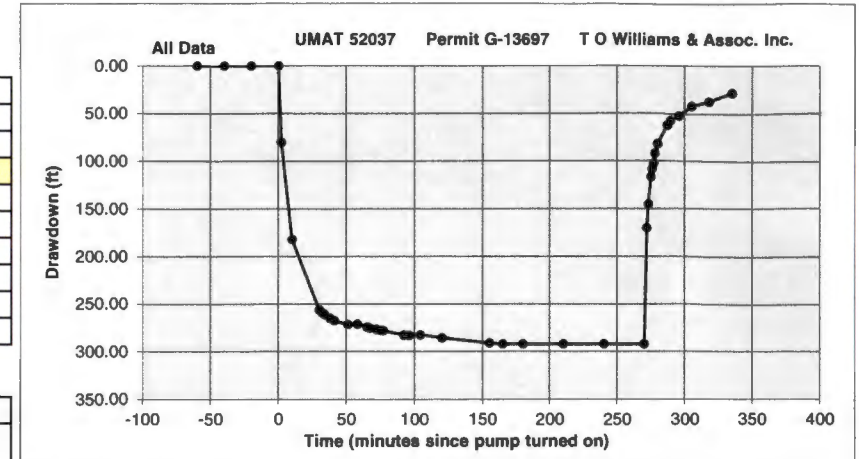
Input:

Parameter	Input Value	Unit	Description
Logid	UMAT 52037		
Permit	G-13697		
Owner	T O Williams & Assoc. Inc.		
Qw	360	gpm	
ds_ppg	47	ft	Pumping dd per log cycle
ds_rec	82	ft	Residual (recovery) dd per log cycle
Test Quality	Fair		
Reviewed By	Karl Wozniak		
Reviewed Date	6/18/2014	mm/dd/yyyy	

Output:

Parameter	Value	Unit	Description
T_ppg_g	2,022	gpd/ft	Transmissivity, Jacob-Cooper, pumping data
T_ppg_f	270	ft ² /day	Transmissivity, Jacob-Cooper, pumping data
T_rec_g	1,159	gpd/ft	Transmissivity, Theis, recovery data
T_rec_f	155	ft ² /day	Transmissivity, Theis, recovery data
Plot_Title	UMAT 52037	Permit G-13697	T O Williams & Assoc. Inc.

Logid	DateTime	t	t_prime	dd	t/t'
UMAT 52037	4/2/2014 9:00	-60		0	
UMAT 52037	4/2/2014 9:20	-40		0	
UMAT 52037	4/2/2014 9:40	-20		0	
UMAT 52037	4/2/2014 10:00	0		0	
UMAT 52037	4/2/2014 10:02	2		80	
UMAT 52037	4/2/2014 10:10	10		182	
UMAT 52037	4/2/2014 10:30	30		256	
UMAT 52037	4/2/2014 10:32	32		259	
UMAT 52037	4/2/2014 10:34	34		261	
UMAT 52037	4/2/2014 10:38	38		265	
UMAT 52037	4/2/2014 10:41	41		267.5	
UMAT 52037	4/2/2014 10:51	51		271.5	
UMAT 52037	4/2/2014 10:58	58		271	
UMAT 52037	4/2/2014 11:05	65		274	
UMAT 52037	4/2/2014 11:07	67		275	
UMAT 52037	4/2/2014 11:12	72		276.5	
UMAT 52037	4/2/2014 11:15	75		277.5	
UMAT 52037	4/2/2014 11:17	77		278	
UMAT 52037	4/2/2014 11:32	92		282.5	
UMAT 52037	4/2/2014 11:36	96		283	
UMAT 52037	4/2/2014 11:44	104		282.5	
UMAT 52037	4/2/2014 12:00	120		285.5	
UMAT 52037	4/2/2014 12:35	155		291	
UMAT 52037	4/2/2014 12:45	165		292	
UMAT 52037	4/2/2014 13:00	180		292	
UMAT 52037	4/2/2014 13:30	210		292	
UMAT 52037	4/2/2014 14:00	240		292	
UMAT 52037	4/2/2014 14:30	270		292	
UMAT 52037	4/2/2014 14:32	272	2	170	136.00
UMAT 52037	4/2/2014 14:33	273	3	145	91.00
UMAT 52037	4/2/2014 14:35	275	5	116	55.00



UMAT 52037	4/2/2014 14:36	276	6	108	46.00
UMAT 52037	4/2/2014 14:37	277	7	102	39.57
UMAT 52037	4/2/2014 14:38	278	8	92	34.75
UMAT 52037	4/2/2014 14:40	280	10	82	28.00
UMAT 52037	4/2/2014 14:47	287	17	62	16.88
UMAT 52037	4/2/2014 14:49	289.5	19.5	57	14.85
UMAT 52037	4/2/2014 14:55	295.5	25.5	52	11.59
UMAT 52037	4/2/2014 15:05	305	35	42	8.71
UMAT 52037	4/2/2014 15:18	318	48	37	6.63
UMAT 52037	4/2/2014 15:35	335	65	28	5.15

June 5, 2014
R. Craig Kohanek
Reimbursement authority
Oregon Water Resource Department
725 Summer Street NE
Suite A
Salem OR 97301-1266

RECEIVED BY OWRD

JUN 09 2014

SALEM, OR

Re: Williams-Vandree Expedited review of permit G-13796 for Claim of Beneficial Use application G-14728

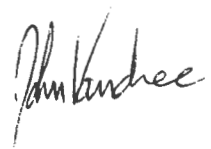
Dear Craig,

Enclosed is a copy of the alluvial well test required to complete the application for Claim of Beneficial Use on the water permit G-13796 held by Williams-Vandree. As indicated previously, I'm tied in with the Williams in their application as I've purchased from them 160 acres involved in the water permit. After visiting the Pendleton regional office, I decided to mail the well test to you directly rather than involve the extra set of hands at the regional office. I trust you have received my email indicating this postal mailing. Could you let me know if anything further needs to be done to complete the expedited review and the issuance of the Claim of Beneficial Use? What would you estimate is the timeframe for the issuance of the Claim of Beneficial Use.?

Thanks in advance for your consideration.

Regards,

John Vandree
812 Grand Ave
Everett, WA 98201
Home: 425 252-0790
Cell: 425 327-4929
Fax: 425 258-5062
Email: john.linda.vandree@gmail.com



Oregon Water Resources Department
PUMP TEST FORM COVER SHEET

JUN 09 2014

Well Owner:
 Name: T.O. Williams & Assoc. INC
 Address: _____
 County: _____
 City: _____ State: _____ Zip: _____
 Original owner (from well log): Ray Williams POD ID: 52037 4m ft.

Well Location:
 Township: 6 (N/S) Range: 34 (E/W)
 Section: 23 1/4: SW 1/16: SW 1/64:
 Well depth: 385 Date drilled: 10/28/98
 Owners well no. (if any): _____

SALEM, OR

Water Right Information:
 Application: G-14090 Permit: G-12029 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: Don Widner Well Owner? Yes
 Company: Widner Electric Inc.
 Address: PO Box 126 1124 N. Columbia Date of Test: 4-2-14
 City: Millon Freewater State: OR Zip: 97162
 Daytime phone: _____

Method of discharge measurement (see our brochure for acceptable methods): Orific pipe
 Method of water-level measurement (pick one or enter other method used): E. Tape
 Length of air line (if used): _____

Pump type (pick one or enter other method used): 60 hp Sub.
 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: NO
 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: 1000 ft Approx. elevation difference: 30 ft

Well elevation is Above surface water body.
 Description of measuring point (e.g. top port of 1 inch port pipe, west side) Top

Measuring point distance Above land surface 2 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
<u>8:00 AM</u>	<u>18'</u>	<u>16'</u>
<u>8:20 AM</u>	<u>18'</u>	<u>16'</u>
<u>8:40 AM</u>	<u>18'</u>	<u>16'</u>

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)
<u>10:00 AM</u>	<u>393</u>	<u>43 PM</u>
<u>11:00 AM</u>	<u>383</u>	<u>1'</u>
<u>12:00</u>	<u>360</u>	<u>1'</u>
<u>1:00 PM</u>	<u>339</u>	<u>1'</u>
<u>2:00</u>	<u>339</u>	<u>1'</u>

Time pump turned on: Date 4-2-14 Time 10:00 AM
 Time pump turned off: Date 4-2-14 Time 2:30 PM
 Total pumping time: 4 hours 30 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: Don Widner 30 101 CPI

JUN 09 2014

PUMP TEST DATA SHEET

Page 1 of 1
 SALEM, OR

Application: 100742

Well ID 118900

Certificate: _____

Pod Id: 52057

All water-level measurements must either be in feet and inches, or feet and decimal fractions.

Drawdown Data

Recovery Data

Date	Time	Time Since Pump Started (minutes)	Depth to Water Below Measuring Pt	Depth to Water Below Land Surface	Comments	Date	Time	Time Since Pump Stopped (minutes)	Depth to Water Below Measuring Pt	Depth to Water Below Land Surface	Comments
4-2-14	10:00 AM	Start	18'	16'	static	4-2-14	2:30 PM	Stop	310	208	stop
	10:02	2 min	98	96	393 MPM		2:32	2	188	186	
	10:10	10 min	200	198			2:33	3	163	162	
	10:20	20 min	274	272			2:35	5	134	132	
	10:22	22	277	275			2:36	6	126	124	
	10:24	24	279	277			2:37	7	120	118	
	10:38	38	283	281			2:38	8	110	108	
	10:41	41	285'6"	283'6"			2:40	10	100	98	
	10:51	51	287'6"	285'6"	383 MPM		2:47	17	80	78	
	10:58	58	289	287			2:49:30	15 1/2	75	73	
	11:05	1:05	292	290			2:53:30	23 1/2	70	68	
	11:07	1:07	293	291			3:05	25	60	58	
	11:12	1:12	294'6"	292'6"	392 MPM		3:18	48	55	53	
	11:15	1:15	295'6"	293'6"			3:35	1:05	46	44	
	11:17	1:17	296	294							
	11:22	1:22	300'6"	298'6"							
	11:26	1:26	301	299	361 MPM						
	11:44	1:44	300'6"	298'6"	361						
	12:00	2	303'6"	301'6"	360 MPM						
	12:35	2:35	309	307	350 MPM						
	12:45	2:45	310	308	339 MPM						
	1:00	3	310	308	339						
	1:30	3:30	310	308	339						
	2:00	4	310	308	339						
	2:30	4:30	310	308	339						

T.O. WILLIAMS & ASSOC INC UMAT
 462 WILLIAMS DAIRY HIGHWAY REISING 52037

STATE OF OREGON
 WATER SUPPLY WELL REPORT

(as required by ORS 537.765)

WELL I.D. # 18900
 START CARD # 100742

Instructions for completing this report are on the last page of this form.

(1) OWNER: Well Number _____

Name RAY WILLIAMS
 Address 49654 UMPIRE RD
 City MULTON FREMONT State OR Zip 97862

(2) TYPE OF WORK
 New Well Deepening Alteration (repair/recondition) Abandonment

(3) DRILL METHOD:
 Rotary Air Rotary Mud Cable Auger
 Other

(4) PROPOSED USE:
 Domestic Community Industrial Irrigation
 Thermal Injection Livestock Other

(5) BORE HOLE CONSTRUCTION:
 Special Construction approval Yes No Depth of Completed Well 371 ft.
 Explosives used Yes No Type _____ Amount _____

HOLE		SEAL		Socks or pounds	
Diameter	From To	Material	From To		
16"	0 130	PTD Con	0 130		246
12"	130 385				

How was seal placed: Method A B C D E
 Other
 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: 16"	-2 49	.25	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
12"	+2 330	.25	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Liner:			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Final location of shoe(s) 330

(7) PERFORATIONS/SCREENS:

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
341	371	.125		10"	PIR	<input type="checkbox"/>	<input checked="" type="checkbox"/>
321	341	.25		10"		<input checked="" type="checkbox"/>	<input type="checkbox"/>

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

Yield gal/min	Drawdown	Drill stem at	Time
500 ±		385	1 hr.

Temperature of water 60° F 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: _____

(9) LOCATION OF WELL by legal description:
 County Umatilla Latitude _____ Longitude _____
 Township 6N N or S Range 34E E or W. WM.
 Section 23 SW 1/4 SW 1/4
 Tax Lot _____ Lot _____ Block _____ Subdivision _____
 Street Address of Well (or nearest address) _____

(10) STATIC WATER LEVEL:
18 ft. below land surface. Date 10-26-98
 Artesian pressure _____ lb. per square inch. Date _____

(11) WATER BEARING ZONES:
 Depth at which water was first found _____

From	To	Estimated Flow Rate	SWL
20'	63'	300	18'
340'	385'	500	18'

(12) WELL LOG:
 Ground Elevation _____

Material	From	To	SWL
clay	0	20	18
gravel	20	63	
cemented gravel	63	340	
gravel	340	355	
Brown clay	355	385	

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JUN 08 1998

NOV 05 1998

SALEM, OR

WATER RESOURCES DEPT.
 SALEM, OREGON

Date started 9-98 Completed 10-28-98

(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 water supply well construction standards. Materials used and information reported above are true to the best of my knowledge and belief.
 WWC Number 1702
 Signed Rusty Otto Date 10-28-98

(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 water supply well construction standards. This report is true to the best of my knowledge and belief.
 WWC Number 544
 Signed Gary Burd Date 10-28-98

Oregon Water Resources Department Permit Condition Water Level Report

OWRD Logid	Main aq	Max depth	LSD Elev	Township	Range	S	QQ	α
UMAT 4178	UMAT	702		6.00 N	34.00 E	35	NW	NW
Well Tag Log	Well Tag Field	Csg Diam Field						
Well Location <u>11 CHAINS S & 25 CHAIN E FM NW COR S35</u>								
Well Address _____								
Owner Well Names _____								

<p>Owner:</p> <p>Name <u>RAY WILLIAMS</u></p> <p>Other Name <u>THOMAS O WILLIAMS AND ASSOCIATES INC</u></p> <p>Contact _____</p> <p>Address <u>49654 UMAPINE RD</u></p> <p>City / St / Zip <u>MILTON-FREEWATER OR 97862</u></p>	<p>Well History:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Logid</th> <th>Type Work</th> <th>Depth</th> <th>Compl Date</th> <th>Owner on Log</th> </tr> </thead> <tbody> <tr> <td>UMAT 4178</td> <td>NEWWELL</td> <td>702</td> <td>3/31/1948</td> <td>DOROTHY KELLY</td> </tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>	Logid	Type Work	Depth	Compl Date	Owner on Log	UMAT 4178	NEWWELL	702	3/31/1948	DOROTHY KELLY																																				<p>Water Rights with reporting conditions that list this well:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Permit</th> <th>Certificate</th> <th>pod</th> <th>Reference level</th> <th>Trigger activated?</th> </tr> </thead> <tbody> <tr> <td>G 13697</td> <td></td> <td>6</td> <td></td> <td></td> </tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>	Permit	Certificate	pod	Reference level	Trigger activated?	G 13697		6																																					
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Date	Time	MP Hght	WL BLS	WL Elev	Method Code	Status Code	Measured By	Pump Idle Time	MP Description	WIComments
12/17/1963			0.00		O	F	NEWCOMB & SCFVA			FLOWING 5 GPM
08/15/1991			45.00		T	S	JOHN TIMMONS		TEST PORT ON SIDE OF CASING	JUST PRIOR TO 4 HR PUMP TEST
03/15/2007			60.00		T	S	LOUIS RILEY			MEASUREMENT DATE UNKNOWN
03/15/2008			68.00		T	S	LOUIS RILEY			MEASUREMENT DATE UNKNOWN
03/15/2009			64.00		T	S	LOUIS RILEY			MEASUREMENT DATE UNKNOWN

Method Codes: A = Airline, T = Etape, V = Calibrated Etape, G = Uncalibrated Gage, H = Calibrated Gage, N - Not Measured, O = Observed, RA = Recorder Analog, RS = Recorder Shaft Encoder, RT = Recorder Transducer, R = Reported, S = Steel Tape, U = Unknown

Status Codes: D = Dry, A = Falling, F = Flowing, P = Pumping, R = Rising, S = Static, U = Unknown

Oregon Water Resources Department Permit Condition Water Level Report

OWRD Logid	Main aq	Max depth	LSD Elev	Township	Range	S	QQ	Q
UMAT 5357	UMAT	380		6.00 N/	34.00 E-	23	NE	NW
Well Tag Log	Well Tag Field	Csg Diam Field						
Well Location ALLUVIAL 650 FEET SOUTH & 90 FEET WEST FROM N1/4 CORNER SECTION 23								
Well Address								
Owner Well Names								

<p>Owner:</p> <p>Name RAY WILLIAMS</p> <p>Other Name THOMAS O WILLIAMS AND ASSOCIATES INC</p> <p>Contact</p> <p>Address 49654 UMAPINE RD</p> <p>City / St / Zip MILTON-FREEWATER OR 97862</p>	<p>Well History:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Logid</th> <th>Type</th> <th>Work</th> <th>Depth</th> <th>Compl</th> <th>Date</th> <th>Owner on Log</th> </tr> </thead> <tbody> <tr> <td>UMAT 5357</td> <td>NEW</td> <td>WELL</td> <td>380</td> <td>2/2/1979</td> <td>HERB MARCH</td> <td></td> </tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>	Logid	Type	Work	Depth	Compl	Date	Owner on Log	UMAT 5357	NEW	WELL	380	2/2/1979	HERB MARCH																																																			<p>Water Rights with reporting conditions that list this well:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Permit</th> <th>Certificate</th> <th>pod</th> <th>Reference level</th> <th>Trigger level activated?</th> </tr> </thead> <tbody> <tr> <td>G 13697</td> <td></td> <td>1</td> <td></td> <td></td> </tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>	Permit	Certificate	pod	Reference level	Trigger level activated?	G 13697		1																																					
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03/15/2007			45.00		T	S	LOUIS RILEY			MEASUREMENT DATE UNKNOWN
03/15/2008			46.00		T	S	LOUIS RILEY			MEASUREMENT DATE UNKNOWN
03/15/2009			48.00		T	S	LOUIS RILEY			MEASUREMENT DATE UNKNOWN

Method Codes: A = Airline, T = Etape, V = Calibrated Etape, G = Uncalibrated Gage, H = Calibrated Gage, N - Not Measured, O = Observed, RA = Recorder Analog, RS = Recorder Shaft Encoder, RT = Recorder Transducer, R = Reported, S = Steel Tape, U = Unknown

Status Codes: D = Dry, A = Falling, F = Flowing, P = Pumping, R = Rising, S = Static, U = Unknown

Craig Kohanek

From: John and Linda Vandree <john.linda.vandree@gmail.com>
Sent: Thursday, February 14, 2013 10:48 AM
To: ron.c.kohanek@state.or.us
Subject: Vandree contact information regarding Williams-Vandree COBU

Craig,

Thanks for your time on the telephone this morning regarding the status of Williams-Vandree COBU permit G-13607. I thought I'd pass on contact information for potential future communications: John and Linda Vandree, 812 Grand Ave, Everett, WA 98201, Home 425 252-0790, Cell 425 327-4929, Fax 425 258-5062, email john.linda.vandree@gmail.com. Thanks again for your consideration.

John and Linda

Oregon Water Resources Department Permit Condition Water Level Report

OWRD Logid	Main aq	Max depth	LSD Elev	Township	Range	S	QQ	Q
UMAT 4113	UMAT	375		6.00 N/	34.00 E-	23	NW	SW
Well Tag Log	Well Tag Field	Csg Diam Field						
Well Location <u>10 FEET NORTH AND 350 FEET EAST FROM W1/4 CORNER, SECTION 23</u>								
Well Address _____								
Owner Well Names _____								

<p>Owner:</p> <p>Name _____</p> <p>Other Name <u>COUSE CREEK RANCHE INC</u></p> <p>Contact <u>HERB MARCH</u></p> <p>Address <u>81044 COUSE CREEK RD</u></p> <p>City / St / Zip <u>MILTON-FREEWATER OR 97862</u></p>	<p>Well History:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Logid</th> <th>Type Work</th> <th>Compl Depth</th> <th>Compl Date</th> <th>Owner on Log</th> </tr> </thead> <tbody> <tr> <td>UMAT 4113</td> <td>NEW WELL</td> <td>365</td> <td>8/4/1977</td> <td>HERB MARCH</td> </tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>	Logid	Type Work	Compl Depth	Compl Date	Owner on Log	UMAT 4113	NEW WELL	365	8/4/1977	HERB MARCH																																				<p>Water Rights with reporting conditions that list this well:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Permit</th> <th>Certificate</th> <th>pod</th> <th>Reference level</th> <th>Trigger activated?</th> </tr> </thead> <tbody> <tr> <td>G 13697</td> <td></td> <td>2</td> <td></td> <td></td> </tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>	Permit	Certificate	pod	Reference level	Trigger activated?	G 13697		2																																					
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G 13697		2																																																																																										

Date	Time	MP Hght	WL BLS	WL Elev	Method Code	Status Code	Measured By	Pump Idle Time	MP Description	WIComments
03/15/2007			25.00		T	S	LOUIS RILEY			MEASUREMENT DATE UNKNOWN
03/15/2008			30.00		T	S	LOUIS RILEY			MEASUREMENT DATE UNKNOWN
03/15/2009			30.00		T	S	LOUIS RILEY			MEASUREMENT DATE UNKNOWN

Method Codes: A = Airline, T = Etape, V = Calibrated Etape, G = Uncalibrated Gage, H = Calibrated Gage, N - Not Measured, O = Observed, RA = Recorder Analog, RS = Recorder Shaft Encoder, RT = Recorder Transducer, R = Reported, S = Steel Tape, U = Unknown

Status Codes: D = Dry, A = Falling, F = Flowing, P = Pumping, R = Rising, S = Static, U = Unknown



Oregon

John A. Kitzhaber, MD, Governor

Water Resources Department

North Mall Office Building
725 Summer Street NE, Suite A
Salem, OR 97301-1271
503-986-0900
FAX 503-986-0904

April 24, 2013

RAY WILLIAMS
THOMAS O WILLIAMS AND ASSOCIATES INC.
49654 UMAPINE RD
MILTON-FREEWATER OR 97862

GW

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

Application	Permit	Permitted Well	Tested Well	Test Date	Test Status	Exemption	Owner's Well Name
G 13125	G 12728	UMAT 4178	UMAT 4178	03/20/2013	Approved	None	
G 14728	G 13697	UMAT 4178	UMAT 4178	03/20/2013	Approved	None	

Please contact me if you have any questions.

Sincerely,

Karl Wozniak
Ground Water/Hydrology Section

cc: GW Pump Test File

G14728 G13697
UMAT 5357
UMAT 4122
UMAT 4178
UMAT 5378
UMAT 4121

G13125 G~~1178~~¹²⁷²⁸
UMAT 53567

June 5, 2014
R. Craig Kohanek
Reimbursement authority
Oregon Water Resource Department
725 Summer Street NE
Suite A
Salem OR 97301-1266

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JUN 09 2014

SALEM, OR

13697

Re: Williams-Vandree Expedited review of permit G-~~13796~~ for Claim of Beneficial Use application G-14728

Dear Craig,


13697

Enclosed is a copy of the alluvial well test required to complete the application for Claim of Beneficial Use on the water permit G-~~13796~~ held by Williams-Vandree. As indicated previously, I'm tied in with the Williams in their application as I've purchased from them 160 acres involved in the water permit. After visiting the Pendleton regional office, I decided to mail the well test to you directly rather than involve the extra set of hands at the regional office. I trust you have received my email indicating this postal mailing. Could you let me know if anything further needs to be done to complete the expedited review and the issuance of the Claim of Beneficial Use? What would you estimate is the timeframe for the issuance of the Claim of Beneficial Use?

Thanks in advance for your consideration.

Regards,

John Vandree
812 Grand Ave
Everett, WA 98201
Home: 425 252-0790
Cell: 425 327-4929
Fax: 425 258-5062
Email: john.linda.vandree@gmail.com



Oregon Water Resources Department
PUMP TEST FORM COVER SHEET

JUN 09 2014

SALEM, OR

Well Owner:

Name: T.O. Williams & Assoc. FNE

Well Location:

Township: 6 (N/S) Range: 39 (E/W)

Address:

Section: 23 1/4 SW 1/16 SW 1/64

County:

Well depth: 385 Date drilled: 10/28/98

City: State: Zip:

Owners well no. (if any):

Original owner (from well log): Ray Williams

POD ID: 52039 Unit

Water Right Information:

Application: 3-14896 Permit: 3-12529 Certificate:

Is this well listed on more than one water right? [] Yes If yes, list additional water rights below:

Application: 6-13124 Permit: 6-12940 Certificate:

Application: Permit: Certificate:

Pump Test:

Test Conducted by: Don Widner

Well Owner? [] Yes

Company: Widner Electric FNE

Address: PO Box 126 1124 N. Columbia

Date of Test: 4-2-14

City: Milwau Freewater State: OR Zip: 97162

Daytime phone:

Method of discharge measurement (see our brochure for acceptable methods): Orific pipe

Method of water-level measurement (pick one or enter other method used): E. Tape

Length of air line (if used):

Pump type (pick one or enter other method used): 60 hp Sub.

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: NO

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? [X] Yes If yes, give approximate distance from the well and approximate elevation difference between the surface water and the well head. Approx. distance: 1000 ft Approx. elevation difference: 30 ft

Well elevation is Above surface water body.

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

Measuring point distance Above land surface 2 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):

Table with 4 columns: Time, Depth to water below meas. point, Depth to water below land surface. Rows for 8:00 AM, 8:20 AM, 8:40 AM.

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):

Table with 3 columns: Time, Discharge Rate, Discharge Units (e.g. gpm, cfs, etc). Rows for 10:00 AM, 11:00 AM, 12:00, 1:00 PM, 2:00.

Time pump turned on: Date 4-2-14 Time 10:00 AM

Time pump turned off: Date 4-2-14 Time 2:30 PM

Total pumping time: 4 hours 30 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: Don Widner 30 101 CPI

Oregon Water Resources Department

PUMP TEST DATA SHEET

JUN 09 2014

Page 1 of 1
 Umat SALEM, OR

Application: Standard 100742 Well ID: 118900 Permit: 118900 Certificate: _____ Pod ID: 52057

All water-level measurements must either be in feet and inches, or feet and decimal fractions.

Drawdown Data

Recovery Data

Date	Time	Time Since Pump Started (minutes)	Depth to Water Below Measuring Pt	Depth to Water Below Land Surface	Comments	Date	Time	Time Since Pump Stopped (minutes)	Depth to Water Below Measuring Pt	Depth to Water Below Land Surface	Comments
4-2-14	10:00 AM	Start	18'	16'	static	4-2-14	2:30 PM	Stop	310	308	stop
	10:02	2 min	98	96	392 MPM		2:32	2	188	186	
	10:10	10 min	200'	198'			2:33	3	163	162	
	10:20	20 min	274	272			2:35	5	134	132	
	10:22	22	277	275			2:36	6	126	124	
	10:24	24	279	277			2:37	7	120	118	
	10:28	28	283	281			2:38	8	110	108	
	10:41	41	285'6"	283'6"			2:40	10	100	98	
	10:51	51	289'6"	287'6"	383 MPM		2:47	17	80	78	
	10:58	58	289	287			2:49:30	19.5	75	73	
	11:05	1:05	292	290			2:53:30	23.5	70	68	
	11:07	1:07	293	291			2:55	25	60	58	
	11:12	1:12	294'6"	292'6"	392 MPM		3:05	35	48	46	
	11:15	1:15	295'6"	293'6"			3:18	48	55	53	
	11:17	1:17	296	294			3:35	1:05	46	44	
	11:22	1:22	300'6"	298'6"							
	11:26	1:26	301	299	361 MPM						
	11:44	1:44	300'6"	298'6"	361						
	12:00	2	303'6"	301'6"	360 MPM						
	12:35	2:35	309	307	350 MPM						
	12:45	2:45	310	308	339 MPM						
	1:00	3	310	308	339						
	1:30	3:30	310	308	339						
	2:00	4	310	308	339						
	2:30	4:30	310	308	339						

T.O. WILLIAMS & ASSOC INC UMAT
 462 WILLIAMS DAIRY HWY REISING 52037

STATE OF OREGON
 WATER SUPPLY WELL REPORT

(as required by ORS 537.765)

WELL I.D. # 18900
 START CARD # 100742

Instructions for completing this report are on the last page of this form.

(1) OWNER: Well Number _____

Name RAY WILLIAMS
 Address 49654 UMAT PINE RD
 City MULTON FREMONT State OR Zip 97862

(2) TYPE OF WORK
 New Well Deepening Alteration (repair/recondition) Abandonment

(3) DRILL METHOD:
 Rotary Air Rotary Mud Cable Auger
 Other

(4) PROPOSED USE:
 Domestic Community Industrial Irrigation
 Thermal Injection Livestock Other

(5) BORE HOLE CONSTRUCTION:
 Special Construction approval Yes No Depth of Completed Well 371 ft.
 Explosives used Yes No Type _____ Amount _____

HOLE			SEAL			Backfill pounds
Diameter	From	To	Material	From	To	
16"	0	130	PTD CON	0	130	246
12"	130	385				

How was seal placed: Method A B C D E
 Other
 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: 16"	-2	49	.25	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
12"	+2	330	.25	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Liner:				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Final location of shoe(s) 330

(7) PERFORATIONS/SCREENS:

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
341	371	.125		10"	PIRC	<input type="checkbox"/>	<input checked="" type="checkbox"/>
321	341	.25		10"		<input checked="" type="checkbox"/>	<input type="checkbox"/>

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

Yield gal/min	Drawdown	Drill stem at	Time
500 ±		385	1 hr.

Temperature of water 60° F 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: _____

(9) LOCATION OF WELL by legal description:
 County Umatilla Latitude _____ Longitude _____
 Township 6N N or S Range 34E E or W. WM.
 Section 23 SW 1/4 SW 1/4
 Tax Lot _____ Lot _____ Block _____ Subdivision _____
 Street Address of Well (or nearest address) _____

(10) STATIC WATER LEVEL:
18 ft. below land surface. Date 10-26-98
 Artesian pressure _____ lb. per square inch. Date _____

(11) WATER BEARING ZONES:
 Depth at which water was first found _____

From	To	Estimated Flow Rate	SWL
20'	63'	300	18'
340'	385'	500	18'

(12) WELL LOG:
 Ground Elevation _____

Material	From	To	SWL
Clay	0	20	18'
Gravel	20	63	
cemented gravel	63	340	
Gravel	340	355	
Brown Clay	355	385	

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 SALEM, OR
 WATER RESOURCES DEPT.
 SALEM, OREGON

Date started 9-98 Completed 10-28-98

(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 water supply well construction standards. Materials used and information reported above are true to the best of my knowledge and belief.
 WWC Number 1702
 Signed RUSTY OTTO Date 10-28-98

(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 water supply well construction standards. This report is true to the best of my knowledge and belief.
 WWC Number 544
 Signed Jerry Burd Date 10-28-98

Completion Checklist for Claims of Beneficial Use

Application # G-14728
 Date Received 6-7-2012
 CWRE Name Jason Melody
 File Marked _____
 Oversized Map # _____
 Reviewer _____

Transfer # _____
 Claim Logged _____

Map Review:

- Map on polyester film (OAR 690-014-017)
- Application & permit #; or transfer # (OAR 690-014-017(5))
- Disclaimer (OAR 690-014-0170(5))
- North arrow (OAR 690-310-0050(2)(c))
- CWRE stamp and signature (OAR 690-014-017(5))
- Appropriate scale (1" = 1320', 1" = 400', or 1" = 1600') (014 & 310)
- Township, range, section, and tax lot number
- Source illustrated if surface water (OAR 690-014-017(5))
- Point(s) of diversion or appropriation (illustration)
- Point(s) of diversion or appropriation (coordinates)
- Conveyance structures illustrated (pump, pipe, culvert, etc.)
- Description of the location, in relation to the land and measuring devices required (OAR 690-014-017(5))
- Place of use (1/4 1/4, or projected 1/4 1/4 line) if for domestic or human consumption, local (OAR 690-014-017(5))

ID wells - 1. Basalt
 1. Alluvial
 w/ Access port for E-tape measurement
 Air lines if water is above 300' below land surface

Report Review:

- On form or format provided by the Department (OAR 690-014-0100(1))
- Application & permit #; or transfer # (OAR 690-014-017(5))
- Ownership information (OAR 690-014-017(5))
- Date of survey (OAR 690-014-017(5))
- Person interviewed (OAR 690-014-017(5))
- County (OAR 690-014-017(5))
- Description of conveyances system (from POD to POU) (OAR 690-014-0100)
- Source(s) of water (OAR 690-014-0100)
- Place of use location (OAR 690-014-0100)
- Type of use (OAR 690-014-0100)
- Extent of use (OAR 690-014-0100)
- Rate and Duty (OAR 690-014-0100)
- Diversion rate for each use (OAR 690-014-0100)
- Diversion works description (pump make, serial model, capacity, and description) (OAR 690-014-0100)
- System capacity (OAR 690-014-0100)
 - Calculated capacity of system (required)
 - Measured amount of use (optional)
- Permit/Transfer Final Order Conditions (OAR 690-014-0100)
 - Time limits
 - Initial water level measurements
 - Annual static water level measurements - max. depth
 - 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 (OAR 690-014-0100)
- Signature(s) of permittee of transfer holder (OAR 690-014-0100)

Need Pump tests - 2 min. min
 + multiple well exemption for other 7 wells
 - No water use reporting needs to be covered from Electric Bill # Gallass, CFS, Acc

DEF = deficient
 N/A = Not Applicable

Certificate Issuance Processing Checklist

- Map and COBU reviewed
- Conflict check Any Conflicts? _____
- Check for ownership

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 *complexly warrants*
 Final Certificate # _____

Mailing list:

Proposed:

Final:

CLAIM OF BENEFICIAL USE

for Permits claiming more than 0.1 cfs and All Transfers



Oregon Water Resources Department
725 Summer Street NE, Suite A
Salem, Oregon 97301-1266
(503) 986-0900
www.wrd.state.or.us

No fee is required for submitting this form for a transfer.

A fee of \$150 must accompany this form to be accepted for permits
with a priority date of July 9, 1987, or later. (ORS 536.050(1))

A separate form shall be completed for each permit.

In cases where a permit has been amended through the permit amendment process, a separate claim for the permit amendment is not required. Incorporate the permit amendment into the claim for the permit.

This form is subject to revision. **Begin each new claim** by checking for a new version of this form at:
http://www.wrd.state.or.us/OWRD/WR/cwre_info.shtml#.

The completion of this form is required by OAR 690-014-0100(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 item must have a response.** If any requested information does not apply to the claim, insert "NA." **Do not delete or alter 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.

If you have questions regarding the completion of this form, please call 503-986-0900 and ask for the Certificate Section.

The Department has a program that allows it to enter into a voluntary agreement with an applicant for expedited services. Under such an agreement, the applicant pays the cost to hire additional staff that would not otherwise be available. This program means a certificate may be issued in about a month. For more information on this program see
http://www.wrd.state.or.us/OWRD/mgmt_reimbursement_authority.shtml.

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WATER RESOURCES DEPT
SALEM, OREGON

SECTION 1

GENERAL INFORMATION

1. File Information

APPLICATION # (G, R, S or T) G-14728	PERMIT # (IF APPLICABLE) G-13697	PERMIT AMENDMENT # (IF APPLICABLE)
------------------------------------------------	--------------------------------------------	------------------------------------

2. Property Owner (current owner information)

APPLICANT/BUSINESS NAME T.O. Williams and Associates		PHONE NO.	ADDITIONAL CONTACT NO.
ADDRESS 49654 Umapine Road			
CITY Milton-Freewater	STATE OR	ZIP 97862	E-MAIL heifers@bmi.net

If the current property owner is not the permit or transfer holder of record, it is recommended that an assignment be filed with the Department. **The COBU must be signed by each permit or transfer holder of record.**

3. Permit or transfer holder of record (this may, or may not, be the current property owner)

PERMIT OR TRANSFER HOLDER OF RECORD T.O. Williams and Associates/Ray Williams		
ADDRESS 49654 Umapine Road		
CITY Milton-Freewater	STATE OR	ZIP 97862

ADDITIONAL PERMIT OR TRANSFER HOLDER OF RECORD Tom Williams		
ADDRESS 49654 Umapine Road		
CITY Milton-Freewater	STATE OR	ZIP 97862

4. Date of Site Inspection:

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

NAME	DATE	ASSOCIATION WITH THE PROJECT
Ray Williams	May 3, 2012	Landowner/permit holder

6. County:

7. 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(4)):

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

OWNER OF RECORD		
ADDRESS		
CITY	STATE	ZIP

ADDITIONAL OWNER OF RECORD		
ADDRESS		
CITY	STATE	ZIP

SECTION 2
SYSTEM DESCRIPTION

A. Points of Diversion/Appropriation

1. Point of diversion/appropriation name or number:

POINT OF DIVERSION/APPROPRIATION (POD/POA) NAME OR NUMBER (CORRESPOND TO MAP)	WELL LOG ID # FOR ALL WORK PERFORMED ON THE WELL (IF APPLICABLE)	WELL TAG # (IF APPLICABLE)
Williams Well #1 ✓	UMAT 4178 ✓ XCW	N/A
Williams Well #3 ✓	UMAT 53567 ✓ XCW <i>New well close to existing 400' well</i>	N/A <i>list as well 11 3 on app.</i>
Williams Well #4 ✓	UMAT 4177 ✓ XCW	N/A
March Well #1 ✓	UMAT 4113 ✓ XCW	N/A
March Well #2 ✓	UMAT 5357 ✓ XCW	N/A
March Well #3 ✓	UMAT 5378 ✓ XCW	N/A
Williams Well #7 ✓	UMAT 52037 ✓ XCW	N/A
Key Bros. Well #1 ✓	UMAT 4121 ✓ XCW	N/A
Key Bros. Well #2 ✓	UMAT 4122 ✓ XCW	N/A

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

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

POD/POA NAME OR NUMBER	SOURCE	TRIBUTARY
Williams Well #1	Basalt Aquifer ✓ XCW	N/A
Williams Well #3	Basalt Aquifer ✓	N/A
Williams Well #4	Basalt Aquifer ✓	N/A
March Well #1	Alluvial Aquifer ✓	N/A
March Well #2	Alluvial Aquifer ✓	N/A
March Well #3	Alluvial Aquifer ✓	N/A
Williams Well #7	Alluvial Aquifer ✓	N/A
Key Bros. Well #1	Alluvial Aquifer ✓	N/A
Key Bros. Well #2	Alluvial Aquifer ✓	N/A

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3. Developed use(s), period of use, and rate for each use:

POD/POA NAME OR NUMBER	USES	IF IRRIGATION, LIST CROP TYPE	SEASON OR MONTHS WHEN WATER WAS USED	RATE OR VOLUME FOR USE (CFS, GPM, OR AF)
Williams Well #1	IR, IS	hay	March 1 – October 31	
Williams Well #3	IR, IS	hay	March 1 – October 31	
Williams Well #4	IR, IS	hay	March 1 – October 31	
March Well #1	IR, IS	hay	March 1 – October 31	
March Well #2	IR, IS	hay	March 1 – October 31	
March Well #3	IR, IS	hay	March 1 – October 31	
Williams Well #7	IR, IS	hay	March 1 – October 31	
Key Bros. Well #1	IR, IS	hay	March 1 – October 31	
Key Bros. Well #2	IR, IS	hay	March 1 – October 31	
Total Quantity of Water Used				9.558 cfs

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

The irrigation distribution system allows for water from all points of appropriation to be used for irrigation over the entire primary and supplemental place of use. Mainline distribution near each field either branch off to hand line connections or to center pivots.

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**SECTION 2
SYSTEM DESCRIPTION (B through H)**

Are there multiple PODs or POAs?

YES

If "YES" you will need to copy and complete Sections 2B through 2H for each POD/POA.

POD/POA Name or Number this section describes (only needed if there is more than one):

The information in this section pertains to all POA's except where explicitly made in reference to a specific POA.

B. Place of Use

1. Is the right for municipal use?

NO

If "YES" the table below may be deleted.

TWP	RNG	MER	SEC	QQ	GLOT	DLC	USE	IF IRRIGATION, # PRIMARY ACRES	IF IRRIGATION, # SUPPLEMENTAL ACRES
SEE ATTACHMENT A									
Total Acres Irrigated									

Reminder: The map associated with this claim must identify Donation Land Claims (DLC), Government Lots (GLOT), Quarter Quarters (QQ), and if for irrigation, the number of acres irrigated within each projected DLC, GLOT, and QQ.

C. Diversion and Delivery System Information

Provide the following information concerning the diversion and delivery system. Information provided must describe the equipment used to transport and apply the water from the point of diversion/appropriation to the place of use.

1. Is a pump used?

YES

If "NO" items 2 through item 6 may be deleted.

2. Pump Information

POA NAME	MANUFACTURER	MODEL	SERIAL NUMBER	TYPE (CENTRIFUGAL, TURBINE OR SUBMERSIBLE)	INTAKE SIZE	DISCHARGE SIZE
Williams Well #1	Peerless	46664	N/A	Line shaft turbine	N/A	N/A
Williams Well #3	U.S. Electrical	N/A	N/A	Line shaft turbine	N/A	N/A
Williams Well #4	N/A	N/A	N/A	Submersible	N/A	N/A
March Well #1	Aurora	N/A	N/A	Line shaft turbine	N/A	N/A
March Well #2	N/A	N/A	N/A	Submersible	N/A	N/A
March Well #3	N/A	N/A	N/A	Submersible	N/A	N/A
Williams Well #7	Berkeley	TT50350	N/A	Submersible	N/A	N/A
Key Bros. Well #1	Berkeley	6T15200	N/A	Submersible	N/A	N/A
Key Bros. Well #2	Berkeley	65ALL5	N/A	Submersible	N/A	N/A

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3. Motor Information

POA NAME NUMBER	MANUFACTURER	HORSEPOWER
Williams Well #1	Westinghouse	100 HP
Williams Well #3	U.S. Electrical Motors	150 HP variable speed
Williams Well #4	N/A	25 HP
March Well #1	U.S. Electrical Motors	75 HP
March Well #2	N/A	25 HP with 20 HP Booster
March Well #3	N/A	30 HP
Williams Well #7	N/A	50 HP
Key Bros. Well #1	N/A	15 HP
Key Bros. Well #2	N/A	20HP

4. Theoretical Pump Capacity

POA NAME NUMBER	HORSEPOWER	OPERATING PSI	LIFT FROM SOURCE TO PUMP *IF A WELL, THE WATER LEVEL DURING PUMPING	LIFT FROM PUMP TO PLACE OF USE	TOTAL PUMP OUTPUT (IN CFS)
Williams Well #1	100	40	170	28	2.20
Williams Well #3	150	40	170	44	3.13
Williams Well #4	25	40	150	-16	0.71
March Well #1	75	40	300	-13	1.27
March Well #2	45	40	200	-24	1.07
March Well #3	30	40	205	4	0.64
Williams Well #7	50	40	350	-6	0.73
Key Bros. Well #1	15	40	100	-18	0.55
Key Bros. Well #2	20	40	100	-26	0.77

5. Provide pump calculations:

See Attachment B

*Williams well # 1,3,4 Artesian
march well # 1-3 Alluvial
Williams well #7 alluvial
Key Bros well #1-2 Alluvial*

(meter was present and system was operating)

POA NAME NUMBER	ENDING METER READING	DURATION OF TIME OBSERVED	TOTAL PUMP OUTPUT (IN CFS)
-----------------	----------------------	---------------------------	----------------------------

Wells not operated during site visit

Additional information at the end of this document.

YES

If "NO" items 8 through item 11 may be deleted.

8. Mainline Information

MAINLINE SIZE	LENGTH	TYPE OF PIPE	BURIED OR ABOVE GROUND
6 inch PVC	19,242 feet	PVC	Buried
8 inch PVC	11,924 feet	PVC	Buried
10 inch PVC	16,519 feet	PVC	Buried
12 inch PVC	2,652 feet	PVC	Buried

9. Lateral or Handline Information

LATERAL OR HANDLINE SIZE	LENGTH	TYPE OF PIPE	BURIED OR ABOVE GROUND
3-inch	16,000 feet	Aluminum	Above Ground

10. Sprinkler Information

SIZE	OPERATING PSI	SPRINKLER OUTPUT (GPM)	TOTAL NUMBER OF SPRINKLERS	MAXIMUM NUMBER USED	TOTAL SPRINKLER OUTPUT (CFS)
11/64"	40	5.4	400	400	4.81

Reminder: For sprinkler output determination use the reference information at the end of this document.

11. Pivot Information

MANUFACTURER	MAXIMUM WETTED RADIUS	OPERATING PSI	TOTAL PIVOT OUTPUT (GPM)	TOTAL PIVOT OUTPUT (CFS)
Pringle	1,200 ft	40	700	1.56
Pringle	1,800 ft	40	700	1.56
Pringle	1,600 ft	40	700	1.56
Pringle	1,300 ft	40	700	1.56

12. Additional notes or comments related to the system:

Water distribution system allows for irrigation of all place of use acreage with any combination of points of appropriation.

D. Groundwater Source Information (Well and Sump)

1. Is the appropriation from ground water (well or sump)?

If "NO", items 2 through 8 relating to this section may be deleted.

YES

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

Williams Well #1 – 3” diameter port in pump base
Williams Well #3 – 1” diameter angled port in side of casing
Williams Well #4 – Air relief valve down the pump column
March Well #1 – 2” diameter angled port in concrete slab at pump base
March Well #2 – 2” diameter port on well flange
March Well #3 – 1” diameter port on well flange
Williams Well #7 – 1” diameter angled port on side of casing
Key Bros. Well #1 – 1” diameter port on well flange
Key Bros. Well #2 – 2” diameter port on well flange

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

CASING DIAMETER	CASING DEPTH	TOTAL DEPTH	COMPLETION DATE OF ORIGINAL WELL	COMPLETION DATES OF ALTERATIONS	WHO THE WELL WAS DRILLED FOR	WELL DRILLED BY
See attached						
Well logs (Attachment C)						

4. In addition to the information requested in item “3” above, provide any other information which may help the Department locate any well logs associated with this appropriation.

--

5. Is the appropriation from a dug well (sump)?

NO

If “NO”, items 6 through 8 relating to this section may be deleted.

E. Storage

1. Does the distribution system include in-system storage (i.e. storage tank, bulge in system / reservoir)

NO

If “NO”, item 2 and 3 relating to this section may be deleted.

F. Gravity Flow Pipe

(THE DEPARTMENT TYPICALLY USES THE HAZEN-WILLIAM’S FORMULA FOR A GRAVITY FLOW PIPE SYSTEM)

1. Does the system involve a gravity flow pipe?

NO

If “NO”, items 2 through 4 relating to this section may be deleted.

G. Gravity Flow Canal or Ditch

(THE DEPARTMENT TYPICALLY USES MANNING’S FORMULA FOR CANALS AND DITCHES)

1. Is a gravity flow canal or ditch used to convey the water as part of the distribution system?

NO

If “NO”, items 2 through 4 relating to this section may be deleted.

H. Reservoir

1. Does the claim involve a reservoir modified through a transfer?

NO

Reminder: Complete this section if the reservoir right has been modified through the transfer process. If the claim is for a permitted reservoir use the Claim of Beneficial Use form for reservoirs.

If “NO”, items 2 through 9 relating to this section may be deleted.

SECTION 3 CONDITIONS

All conditions contained in the permit, permit amendment, transfer final order, or any extension final order shall be addressed. Reports that do not address all performance related conditions will be returned.

1. Time Limits:

Permits, transfer final orders, and any extension 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 was to be completed. 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, extension or transfer final order:

	DATE FROM PERMIT OR TRANSFER	DATE ACCOMPLISHED*	DESCRIPTION OF ACTIONS TAKEN BY WATER USER TO COMPLY WITH THE TIME LIMITS
ISSUANCE DATE	July 16, 1999		
BEGIN CONSTRUCTION (A)	April 19, 2000	Prior to April 19, 2000	Began construction of the wells and irrigation system.
COMPLETE CONSTRUCTION (B)	No date referenced	October 1, 2003	Construction completed, unable to put water to full use and meet all conditions by October 1, 2003.
COMPLETE APPLICATION OF WATER (C)	October 1, 2009	Prior to October 1, 2009	Filed Extension. Extension approved August 23, 2007. Complete application of water extended to October 1, 2009.

* MUST BE WITHIN PERIOD BETWEEN PERMIT, TRANSFER FINAL ORDER, OR ANY EXTENSION FINAL ORDER ISSUANCE AND THE DATE TO COMPLETELY APPLY WATER

2. Is there an extension final order(s)? **YES**

If "NO", you may delete item 3 in this section.

3. If for a transfer extension order, provide the following information:

VOLUME	PAGE	DATE EXTENDED TO

4. Initial Water Level Measurements:

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

If "NO", items 4b through 4d relating to this section may be deleted.

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

March

c. Was the measurement submitted to the Department? **YES**

d. If the initial measurement was not submitted, provide that measurement now, if available:

DATE OF MEASUREMENT	MEASUREMENT MADE BY	METHOD	MEASUREMENT
March 2007-2009	PGG Irrigation Dept.	e-tape	See static water level report (Attachment D)

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5. Annual Static Water Level Measurements:

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

If "NO", items 5b through 5e relating to this section may be deleted.

b. Provide the month, or months, the static water level measurement(s) were to be made:

March

c. Were the static water level measurements taken in the month(s) required? **YES**

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

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

DATE OF MEASUREMENT	MEASUREMENT MADE BY	METHOD	MEASUREMENT

6. Pump Test (Required for most ground water permits prior to issuance of a certificate)

a. Did the permit require the submittal of a pump test? **YES**

If "NO", items 6b through 6e relating to this section may be deleted.

b. Has the pump test been previously submitted to the Department? **NO**

c. Is the pump test attached to this claim? **NO**

d. Has the pump test been approved by the Department? **NO**

e. Has a pump test exemption been approved by the Department? **NO**

Pump test will be submitted separately

7. Measurement Conditions:

a. Does the permit, permit amendment, transfer final order, or any extension final order require the installation of a meter or approved measuring device? **YES**

If "NO", items 7b through 7f relating to this section may be deleted.

Reminder: If a meter or approved measuring device was required, the COBU map must indicate the location of the device in relation to the point of diversion or appropriation.

b. Has a meter been installed? **YES**

c. Meter Information

POD/POA NAME OR #	MANUFACTURER	SERIAL #	CONDITION (WORKING OR NOT)	CURRENT METER READING	DATE INSTALLED
Williams Well #1	McCrometer	N/A	Working	561346	N/A
Williams Well #3	McCrometer	99-563410	Working	766905	N/A
Williams Well #4	McCrometer	04-042095	Not working	000350	N/A
March Well #1	McCrometer	97-63706	Working	832819	N/A
March Well #2	McCrometer	N/A	Working	817140	N/A
March Well #3	McCrometer	05-047646	Not working	033178	N/A
Williams Well #7	McCrometer	97-63706	Not working	135253	N/A
Key Bros. Well #1	Pacific Power Electric Meter – Shared with Key Brothers Well #2				
Key Bros. Well #2	Pacific Power Electric Meter – Shared with Key Brothers Well #1				

If a meter has been installed, items 7d through 7f relating to this section may be deleted.

8. Recording and reporting conditions

a. Is the water user required to report the water use to the Department? YES

If "NO", item 8b relating to this section may be deleted.

b. Have the reports been submitted? NO

METHOD OF SUBMITTING REPORT (PAPER OR ELECTRONIC)	WATER USER REPORTING ID

If the reports have not been submitted, attach a copy of the reports if available. **SEE POWER RECORDS - ATTACHMENT E**

9. Fish Screening

a. Are any points of diversion required to be screened to prevent fish from entering the point of diversion? NO

If "NO", items 9b through 9e relating to this section may be deleted.

10. By-pass Devices

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

If "NO", items 10b and 10c relating to this section may be deleted.

11. Other conditions required by permit, permit amendment final order, extension final order, or transfer final order:

- a. Were there special well construction standards? YES
- b. Was submittal of a ground water monitoring plan required? YES
- c. Was the water user required to restore the riparian area if it was disturbed? NO
- d. Was a fishway required? NO
- e. Was submittal of a letter from an engineer required prior to storage of water? NO
- f. Was submittal of a water management and conservation plan required? NO
- g. Other conditions? YES

If "YES" to any of the above, identify the condition and describe the water user's actions to comply with the condition(s):

11 a. Groundwater shall be produced from no shallower than 120 feet bgs unless construction indicates that a shallower casing and seal will adequately prevent interference with nearby surface water sources. For Williams Wells 2, 3, and 4 groundwater for use under this permit shall be produced from the basalt aquifer only. All wells meet 11a criteria (see Attachment C for well construction information).

11b. Groundwater monitoring plan was submitted September 23, 2009 and approved September 25, 2009 (see Attachment D).

11g. Extension order required a condition of a progress report. Progress report was submitted September 30, 2009.

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**SECTION 4
VARIATIONS**

Include a description of variations from the permit, permit amendment final order, extension final order, or transfer final order. (i.e. *"The permit allowed three points of diversion. The water user only developed one of the points."* or *"The permit allowed 40.0 acres of irrigation. The water user only developed 10.0 acres."*)

The permit allowed ten points of appropriation. The water user only developed nine points of appropriation.

Proposed well locations for Williams Wells 1, 3, 4, 7 and March Well 3 in permit are shown in slightly different locations based on GPS locations acquired during site visit and . Well locations shown on attached maps and legal descriptions are based on these GPS locations and aerial photography for these wells.

The proposed distribution system described in the permit and shown on the permit map was adjusted based on information provided by the water user to reflect actual construction and information obtained during the site visit.

The permit allowed 238.4 acres of primary irrigation. The water user only developed 221.3 acres of primary irrigation based on information provided by the water user and aerial photography. Sufficient irrigation equipment, well capacity, and distribution system were in place prior to October, 2009 to provide irrigation to all supplemental acres described in the permit.

**SECTION 5
ATTACHMENTS**

Provide a list of any additional documents you are attaching to this report:

ATTACHMENT NAME	DESCRIPTION
Figure 1	Claim of beneficial use map
Figure 2	Index map for aerial photography showing water use
Figure 2A	Aerial photography showing beneficial water use on southern portion of place of use
Figure 2B	Aerial photography showing beneficial water use on central portion of place of use
Figure 2C	Aerial photography showing beneficial water use on northern portion of place of use
Attachment A	Place of use description
Attachment B	Pump output calculations
Attachment C	Well logs for each point of appropriation
Attachment D	Approved water level monitoring plan with static water level report
Attachment E	Power records showing water use from all points of appropriation

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**SECTION 6
CLAIM SUMMARY**

POD / POA NAME OR #	MAXIMUM RATE AUTHORIZED	CALCULATED THEORETICAL RATE BASED ON SYSTEM		AMOUNT OF WATER MEASURED	USE	# OF ACRES ALLOWED		# OF ACRES DEVELOPED	
		Pump System	Irrigation System						
Williams Well #1	4.88 cfs between all basalt wells	2.20 cfs	11.05 cfs	Not measured	IR, IS	238.4 primary acres and 33.0 acres between all POA's	524.8 supplemental acres basalt aquifer	221.3 primary acres and 33.0 acres between all POA's	524.8 supplemental acres basalt aquifer
Williams Well #3		3.13 cfs		Not measured	IR, IS				
Williams Well #4		0.71 cfs		Not measured	IR, IS				
March Well #1	4.892 cfs between all alluvial wells	1.27 cfs		Not measured	IR, IS		500.8 supplemental acres alluvial aquifer		500.8 supplemental acres alluvial aquifer
March Well #2		1.07 cfs		Not measured	IR, IS				
March Well #3		0.64 cfs		Not measured	IR, IS				
Williams Well #7		0.73 cfs		Not measured	IR, IS				
Key Bros. Well #1		0.55 cfs		Not measured	IR, IS				
Key Bros. Well #2		0.77 cfs		Not measured	IR, IS				

**SECTION 7
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 feet, 1" = 400 feet, or the original full-size scale of the county assessor map for the location.

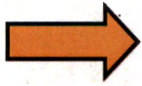
Provide a general description of the survey method used to prepare the map. Examples of possible methods include, but are not limited to, a traverse survey, GPS, or the use of aerial photos. If the basis of the survey is an aerial photo, provide the source, date, series and the aerial photo identification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

The authorized points of appropriation, visible system components, and the entire authorized place of use were visited during the site inspection. The location of the points of appropriation and the extent of the place of use were located using aerial photography, Global Positioning System (GPS), and a general field survey completed during the site inspection. The map was created using Geographic Information System (GIS) software and spatial datasets obtained from Oregon Water Resources Department (OWRD), Oregon Geospatial Enterprise Office (GEO), and Umatilla County. Additional data and information specific to the water right holder's property and the use water of under the water right described in this Claim of Beneficial Use report were obtained from the water right holder.

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Map Checklist

Please be sure that the map you submit includes ALL the items listed below.

(Reminder: Incomplete maps and/or claims may be returned.)

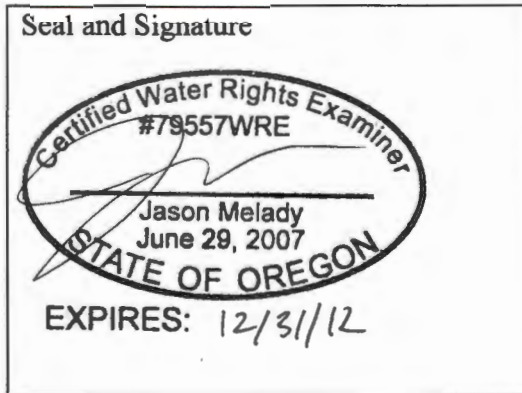
- Map on polyester film
- Appropriate scale (1" = 400 feet, 1" = 1320 feet, or the original full-size scale of the county assessor map)
- Township, Range, Section, Donation Land Claims, and Government Lots
- If irrigation, number of acres irrigated within each projected Donation Land Claims, Government Lots, Quarter-Quarters
- Locations of fish screens and/or fish by-pass devices in relationship to point of diversion
- Locations of meters and/or measuring devices in relationship to point of diversion or appropriation
- Conveyance structures illustrated (pumps, reservoirs, pipelines, ditches, etc.)
- Point(s) of diversion or appropriation (illustrated and coordinates)
- Tax lot boundaries and numbers
- Source illustrated if surface water
- Disclaimer ("This map is not intended to provide legal dimensions or locations of property ownership lines")
- Application and permit number or transfer number
- North arrow
- Legend
- CWRE stamp and signature

SIGS 7 0 NUL

**SECTION 8
SIGNATURES**

CWRE Statement, Seal and Signature

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



CWRE NAME Jason Melady		PHONE NO. 503-239-8799 ext 104	ADDITIONAL CONTACT NO.
ADDRESS 55 SW Yamhill Street, Suite 400			
CITY Portland	STATE OR	ZIP 97204	E-MAIL jmelady@gsiws.com

Permit or Transfer Holder's of Record Signature or Acknowledgement

This Claim of Beneficial Use must be signed by each permit or transfer holder of record.

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.

SIGNATURE	PRINT OR TYPE NAME	DATE
<i>J.D. Williams & Assoc. Inc Ray Ray Williams (Pres)</i>	<i>Ray Williams</i>	<i>6/4/12</i>

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T. O. WILLIAMS & ASSOCIATES, INC.
49654 Umapine Rd.
Milton-Freewater, Oregon 97862
(541) 558-3918
Fax (541) 558-3806

June 6, 2012

Oregon Water Resource Department
Attn: Water Right Permit Extension
725 Summer Street NE
Suite A
Salem, Or 97301

RE: Application number G-14728
Permit number G-13679

Dear Sir or Madam:

Please find enclosed the Claim Of Beneficial Use Report regarding the above referenced application.

Please also find enclosed our check in the sum of \$150 for the application fee. Please also find enclosed our check in the sum of \$125 for the reimbursement authority process.

I thank you in advance for your most professional assistance.

Sincerely,



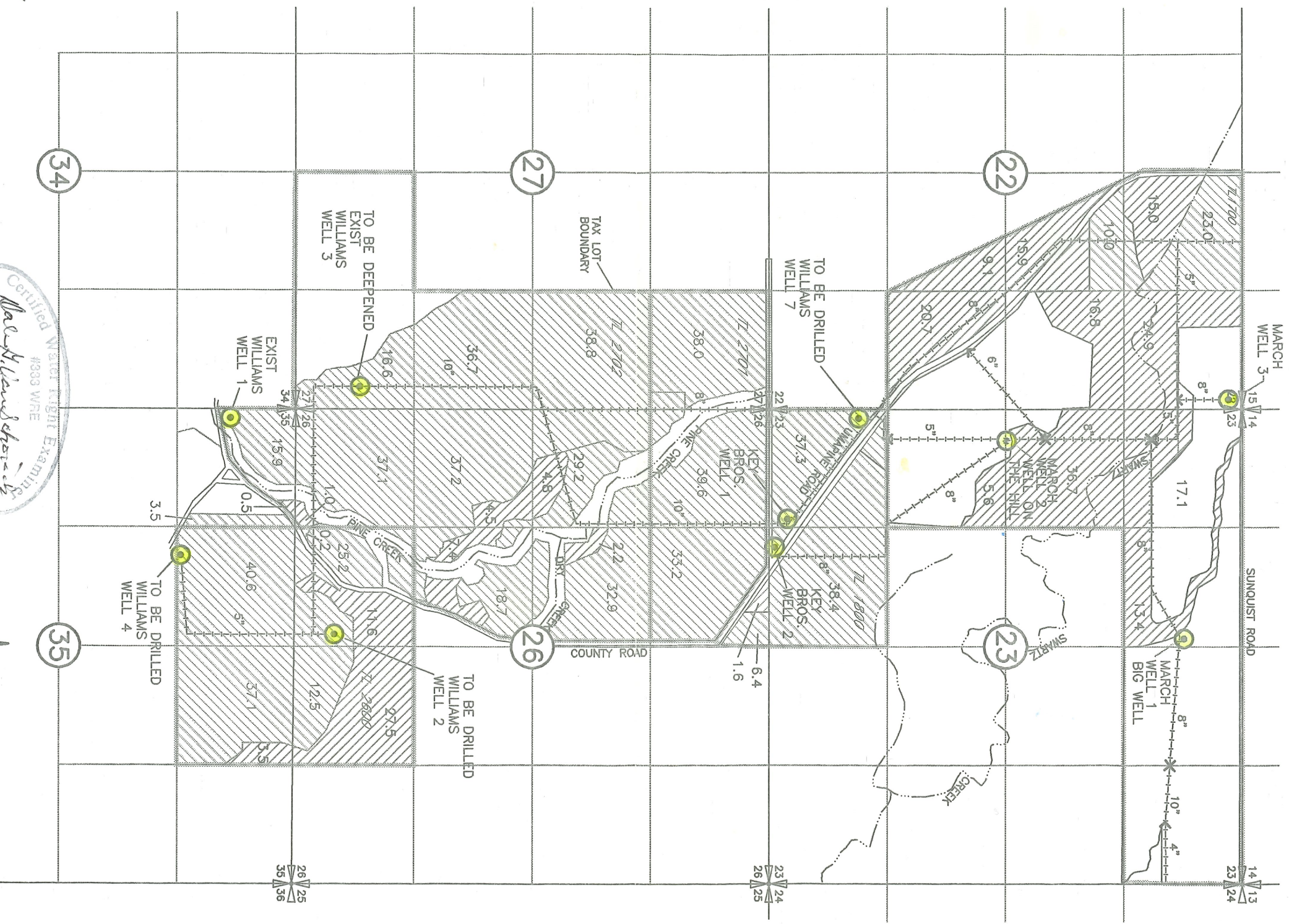
Ray Williams

cc: Ms Martha Pagel
Mr. Jason Melady

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GROUNDWATER APPLICATION
 MAP FOR
 Ray Williams of T. O. Williams & Associates
 T 6N, R34E WM

Application No. 6 14728
 Permit No. G13697



PRIMARY
 SUPPLEMENTAL

POINTS OF APPROPRIATION

1) MARCH WELL 1	LOCATED	650'	S AND	90'	V OF N 1/4 CORNER SEC 23
2) MARCH WELL 2	LOCATED	10'	N AND	350'	E OF W 1/4 CORNER SEC 23
3) MARCH WELL 3	LOCATED	150'	N AND	110'	E OF NE CORNER SEC 22
4) KEY BROS. WELL 1	LOCATED	260'	N AND	1230'	E OF SW CORNER SEC 23
5) KEY BROS. WELL 2	LOCATED	30'	N AND	1620'	E OF SW CORNER SEC 23
6) WILLIAMS WELL 1	LOCATED	760'	S AND	40'	E OF NW CORNER SEC 23
7) WILLIAMS WELL 2	LOCATED	240'	N AND	2530'	E OF SW CORNER SEC 26
8) WILLIAMS WELL 3	LOCATED	400'	N AND	100'	V OF SE CORNER SEC 27
9) WILLIAMS WELL 4	LOCATED	1353'	S AND	1650'	E OF SW CORNER SEC 35
10) WILLIAMS WELL 5	LOCATED	1000'	N AND	100'	E OF SW CORNER SEC 23

Certified Water Right Examiner
 Dale G. Vanschoelack
 May 19, 1992
 STATE OF OREGON
 4/1/98



NOTE:
 THE PURPOSE OF THIS MAP IS TO IDENTIFY THE APPROXIMATE LOCATION OF THE WATER RIGHT. IT IS NOT INTENDED TO PROVIDE INFORMATION RELATIVE TO THE LOCATION OF PROPERTY OWNERSHIP BOUNDARY LINES.

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Attachment A

Developed place of use by acres per quarter quarter section is as follows:

QQ section	Primary Irrigation Acres	Supplemental Acres	Supplemental Basalt Acres	Supplemental Alluvial Acres	Supplemental for a Deficiency Basalt	Supplemental for a Deficiency Alluvial	Total Supplemental Acres
NE 1/4 NE 1/4	22.6						
NW 1/4 NE 1/4	13.8	23.0					23.0
SW 1/4 NE 1/4	15.9	10.0					10.0
SE 1/4 NE 1/4	16.8						
NE 1/4 SE 1/4	20.7						
NW 1/4 SE 1/4	9.1						
Section 22							
NE 1/4 NW 1/4	13.4						
NW 1/4 NW 1/4	14		1.6				1.6
SW 1/4 NW 1/4	35.6						
NW 1/4 SW 1/4	5.6						
SW 1/4 SW 1/4			37.3				37.3
SE 1/4 SW 1/4			38.4				38.4
Section 23							
NE 1/4 NW 1/4	1.6		8.0	34.8	33.2	6.4	39.6
NW 1/4 NW 1/4				39.6	39.6		39.6
SW 1/4 NW 1/4	2.4			29.2	29.2		29.2
SE 1/4 NW 1/4	1.4			32.9	32.9		32.9
NE 1/4 SW 1/4	3.1		3.5	18.7	15.2		18.7
NW 1/4 SW 1/4	3.4		0.4	37.2	36.8		37.2
SW 1/4 SW 1/4	0.9			37.1	37.1		37.1
SE 1/4 SW 1/4	10.9			25.2	25.2		25.2
SW 1/4 SE 1/4	26.1			12.5	12.5		12.5
Section 26							
NE 1/4 NE 1/4			2.2	38.0	35.8		38.0
SE 1/4 NE 1/4			0.4	38.8	38.4		38.8
NE 1/4 SE 1/4				36.7			36.7
SE 1/4 SE 1/4				16.6			16.6
Section 27							
NW 1/4 NE 1/4	3.5			37.1	37.1		37.1
NE 1/4 NW 1/4				40.6	40.6		40.6
NW 1/4 NW 1/4	0.5			19.4	19.4		19.4
Section 35							
Township 6 North, Range 34 East, WM							

Attachment B

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ЗАКОН ОБ ОБЩИХ
ПРАВИЛАХ РЕЗОЛЮЦИИ ДЕС
1001 0 3 5215

**Attachment B
Pump Calculations**

Well Name	Horsepower	Pump Efficiency Factor	Operation PSI	Pumping		Total pumping lift (ft)	Frictional loss factor	Pump Output (cfs)
				Water level (ft bgs)	Lift from pump to POU (ft)			
Williams Well #1	100	7.04	40	170	28	198	1.1	2.20
Williams Well #3	150	7.04	40	170	44	214	1.1	3.13
Williams Well #4	25	7.04	40	150	-16	134	1.1	0.71
Total Basalt Aquifer								6.04
March Well #1	75	7.04	40	300	-13	287	1.1	1.27
March Well #2	45	7.04	40	200	-24	176	1.1	1.07
March Well #3	30	7.04	40	205	4	209	1.1	0.64
Williams Well #7	50	7.04	40	350	-6	344	1.1	0.73
Key Bros. Well #1	15	7.04	40	100	-18	82	1.1	0.55
Key Bros. Well #2	20	7.04	40	100	-26	74	1.1	0.77
Total Alluvial Aquifer								5.03
Total Pump Output (cfs)								11.07

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**WATER RESOURCES DEPT
SALEM OREGON**

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MICHIGAN LIBRARIES

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WATER RESOURCES DEPT
SALEM, OREGON

SALEM OREGON
WATER RESOURCES DE
JUN 07 2015

of this report are to be filed with the

UMAT WATER WELL REPORT

STATE ENGINEER, SALEM, OREGON 97310
within 30 days from the date of well completion.

STATE OF OREGON OCT 17 1988

State Well No. 6W/34E-23

(Please type or print)
RESOURCES DEPT Permit No. _____
SALEM, OREGON

(1) OWNER:

Name HERB MARCH
Address RT 2 Bx 27 Milika Precinct Ore 97862

(2) TYPE OF WORK (check):

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

(3) TYPE OF WELL:

Rotary Cable Driven Jetted Bored

(4) PROPOSED USE (check):

Domestic Industrial Municipal Irrigation Test Well Other

(5) CASING INSTALLED:

12" Diam. from 0 ft. to 3.15 ft. Gage 250
10" Diam. from 3.05 ft. to 3.80 ft. Gage PVC

(6) PERFORATIONS:

Perforated? Yes No.

Type of perforator used Torch
Size of perforations 1/4 x 8 in. by _____ in.
360 perforations from 9.6 ft. to 29.5 ft.

(7) SCREENS:

Well screen installed? Yes No

Manufacturer's Name _____
Type _____ Model No. _____
Diam. _____ Slot size _____ Set from _____ ft. to _____ ft.

(8) WELL TESTS:

Drawdown is amount water level is lowered below static level

Was a pump test made? Yes No If yes, by whom? Driller
l: 270 gal./min. with 280 ft. drawdown after 2 hrs.
Roller test gal./min. with _____ ft. drawdown after _____ hrs.
Discharge flow _____ g.p.m.
Temperature of water 60 Depth artesian flow encountered _____ ft.

(9) CONSTRUCTION:

Well seal—Material used Cement 4-85
Well sealed from land surface to 27 ft.
Diameter of well bore to bottom of seal 20 in.
Diameter of well bore below seal 12 in.
Number of sacks of cement used in well seal 2 cubic yds sacks
Number of sacks of bentonite used in well seal None sacks
Brand name of bentonite _____
Number of pounds of bentonite per 100 gallons of water _____ lbs./100 gals.
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: pea gravel
Gravel placed from 0 ft. to 90 ft.

(10) LOCATION OF WELL:

County UMATILLA Driller's well number 2
1/4 Section 23 T. 6 R. 34 E W.M.

Bearing and distance from section or subdivision corner
Well located 320' E of NW corner of Sec 23

(11) WATER LEVEL: Completed well.

Depth at which water was first found 21 ft.
Static level 20 ft. below land surface. Date 2-15-79
Artesian pressure _____ lbs. per square inch. Date _____

(12) WELL LOG:

Diameter of well below casing 12"

Depth drilled 380 ft. Depth of completed well 380 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.

MATERIAL	From	To	SWL
Topsoil & Brown clay	0	32	
Bluish Brown clay	32	37	21
sm GRAVEL & coarse Black sand	37	45	
Fine Brown sand	45	47	
Brown clay Fine gravel	47	51	
Greenish Brown clay & gravel	51	60	
Grayish clay & med gravel	60	81	
Brown clay & sm gravel	81	96	
Brown clay & sm gravel	96	119	
Med gravel & coarse sand	119	161	
Med gravel & Black sand	161	173	
Brown clay	173	175	
Med to Lg gravel & Black sand	175	183	20
Med gravel Fine Brown sand	183	191	
Med gravel - clean	191	232	
Sm gravel & Fine sand (Black)	232	265	
Sm gravel & Brown clay	265	272	
Med gravel & Dark Brown clay	272	282	
Sm to med gravel & Br. clay & sand	282	331	

Work started OCT 1978 Completed FEB 1979

MATERIAL	FROM	TO
sm gravel FINE Black sand	331	335
light Brown clay (sand)	335	350
light Brown clay - fine gravel	350	365
FINE GRAVEL & coarse Black sand	365	370
light Brown clay - very sticky	370	376
Blue clay	376	380

NAME: _____ (Person, firm or corporation) _____ (Type or print)
Address RT 2 Bx 140 - MF. ORE 97862
[Signed] Lowell N. Morlett
(Water Well Contractor)
Contractor's License No. 265 Date OCT. 6, 1988

NOTICE TO WATER WELL CONTRACTOR

The original and first copy of this report are to be filed with the

STATE ENGINEER, SALEM, OREGON 97310 within 30 days from the date of well completion.

UMAT #15357

WATER WELL REPORT

STATE OF OREGON

(Please type or print) (Do not write above this line)

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FEB 16 1990

6N/34E/23C6

State Well No.

State Permit No.

WATER RESOURCES DEPT SALEM OREGON

(1) OWNER:

Name Herb March Address R.T. #1 Box 27 Milng Discwater Dec 97862

(2) TYPE OF WORK (check):

New Well [x] Deepening [] Reconditioning [] Abandon [] If abandonment, describe material and procedure in Item 12.

(3) TYPE OF WELL:

Rotary [] Driven [] Cable [x] Jetted [] Dug [] Bored []

(4) PROPOSED USE (check):

Domestic [] Industrial [] Municipal [] Irrigation [x] Test Well [] Other []

(10) LOCATION OF WELL:

County Umatilla Driller's well number #1 NW 1/4 SW 1/4 Section 23 T. 6 N R. 34 E W.M.

Bearing and distance from section or subdivision corner 440 ft E of NW corner of NW 1/4 SW 1/4 Section 23 23

(11) WATER LEVEL: Completed well.

Depth at which water was first found 21 ft. Static level 20 ft. below land surface. Date 2-15-79 Artesian pressure lbs. per square inch. Date

(12) WELL LOG:

Diameter of well below casing 12 Depth drilled 380 ft. Depth of completed well 380 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.

Table with columns: MATERIAL, From, To, SWL. Rows include: Top soil + Brown Clay, Blue + Brown Clay, Small Gravel - coarse black sand, Sand - fine brown, fine gravel in brown clay, Clay - brown - coarse sand, Gravel with brown clay, Clay - brown, Gravel - cement - brown, Gravel clean, Gravel with brown clay, Clay - tan, Brown clay with fine gravel, Clay - brown, Blue clay.

Work started Oct. 28 1978 Completed Feb 2 1979 Date well drilling machine moved off of well Feb. 19 1979

Drilling Machine Operator's Certification:

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

[Signed] Bill Pfeiffer Date 2-19, 1979 (Drilling Machine Operator)

Drilling Machine Operator's License No. 956

Water Well Contractor's Certification:

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

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

Address R.T. #1 Box 140-B M.F. 020.

[Signed] David M. Madath (Water Well Contractor)

Contractor's License No. 265 Date Feb 20, 1979

CASING INSTALLED:

Threaded [] Welded [x] 0" Diam. from 0 ft. to 0 ft. Gage 250 12" Diam. from 0 ft. to 315 ft. Gage 10" Diam. from 305 ft. to 380 ft. Gage PVC.

PERFORATIONS:

Perforated? [x] Yes [] No. Type of perforator used Acetylene Size of perforations 1/4 x 8 in. by in. 360 perforations from 96 ft. to 295 ft.

(7) SCREENS:

Well screen installed? [] Yes [x] No Manufacturer's Name Type Model No. Diam. Slot size Set from ft. to ft.

(8) WELL TESTS:

Drawdown is amount water level is lowered below static level Was a pump test made? [x] Yes [] No If yes, by whom? 265 Yield: gal./min. with ft. drawdown after hrs. 270 280 12 Baller test gal./min. with ft. drawdown after hrs. Artesian flow g.p.m. Temperature of water 60 Depth artesian flow encountered ft.

(9) CONSTRUCTION:

Well seal - Material used Bentonite Well sealed from land surface to 37 ft. Diameter of well bore to bottom of seal 16 in. Diameter of well bore below seal 12 in. Number of sacks of cement used in well seal sacks Number of sacks of bentonite used in well seal 6 sacks Brand name of bentonite National Number of pounds of bentonite per 100 gallons of water 80 lbs./100 gals. Was a drive shoe used? [x] Yes [] No Plugs Size: location ft. Did any strata contain unusable water? [] Yes [x] No Type of water? depth of strata Method of sealing strata off Was well gravel packed? [] Yes [x] No Size of gravel: Gravel placed from ft. to ft.

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MARCH
WELLS #3

UMAT
5378

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OCT 17 1988

6N/34E-22

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

(START CARD) #

(1) OWNER:

Name Herb March
Address RT-1 Box 27
City Milton-Freswater State Ore Zip 97862

Well Number: WATER RESOURCES DEPT

LOCATION OF WELL by legal description:

County Umatilla Latitude 45-59' Longitude 118-27'
Township 6 Nor S, Range 34 Or W, WM.
Section 22 1/4 1/4
Tax Lot _____ Lot _____ Block _____ Subdivision _____
Street Address of Well (or nearest address) 30'S 3N W of NE corner of 22

(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 303 ft.
Explosives used Yes No Type _____ Amount _____

HOLE SEAL Amount
Diameter From To Material From To sacks or pounds

HOLE Diameter	From	To	SEAL Material	From	To	Amount
12	0	315				
20	0	36	Bentonite	0	26	300#

How was seal placed: Method A B C D E

Other Grout pump.

Backfill placed from _____ ft. to _____ ft. Material _____

Gravel placed from _____ ft. to _____ ft. Size of gravel _____

(6) CASING/LINER:

Casing/Liner	Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
Casing	12	0	303	350	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Liner					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Final location of shoe(s) 303' L"

(7) PERFORATIONS/SCREENS:

Perforations Method Acetone
 Screens Type _____ Material _____

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
57	288	3/8	440		3/8 x 8"	<input checked="" type="checkbox"/>	<input type="checkbox"/>

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

Pump Bailor Air Flowing Artesian

Yield gal/min	Drawdown	Drill stem at	Time
300	2.05		6 hr.

Temperature of water 59 Depth Artesian Flow Found _____

Was a water analysis done? Yes By whom _____

Did any strata contain water not suitable for intended use? NO too little

Salty Muddy Odor Colored Other _____

Depth of strata: _____

(10) STATIC WATER LEVEL:

_____ ft. below land surface. Date _____

Artesian pressure _____ lb. per square inch. Date _____

(11) WATER BEARING ZONES:

Depth at which water was first found 54

From	To	Estimated Flow Rate	SWL
54	71	10	30
139-145		50	27
223	229	200	25

(12) WELL LOG:

Ground elevation _____

Material	From	To	SWL
Top soil - Brown clay	0	26	
Brown Cement Gravel	26	54	
fine Gravel 10 gpm. Brown	54	71	30
Brown Cement Gravel	71	84	
Brown clay	84	139	
Med Gravel cleaner			
Possibly water	139	145	27
Cement Gravel - Brown	145	180	
Brown clay	180	184	
Cement Gravel - Brown	184	218	25
Brown clay	218	223	
Med Gravel water clay	223	229	
Brown clay	229	234	
Cement Gravel - Brown	234	281	
Brown clay	281	292	
Blue clay tan clay	292	302	25
Blue clay	302	315	25

Date started Feb. 1 - 80 Completed March. 17 - 80

(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 constructor standards. Materials used and information reported above are true to my best knowledge and belief.

Signed Lawrence M. [Signature] WWC Number 265
Date OCT 12 - 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 Lawrence M. [Signature] WWC Number 265
Date OCT 12 - 88

T.O. WILLIAMS & ASSOC INC UMAT
 462 WILLIAMS DAIRY HFER RAISING 52037

Williams
 #7 well.

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

WELL I.D. # 18900
 START CARD # 100742

Instructions for completing this report are on the last page of this form.

(1) OWNER: Well Number _____
 Name RAY WILLIAMS
 Address 49654 UMAPINE RD
 City MILTON FREEMAN State OR Zip 97862

(2) TYPE OF WORK
 New Well Deepening Alteration (repair/recondition) Abandonment

(3) DRILL METHOD:
 Rotary Air Rotary Mud Cable Auger
 Other

(4) PROPOSED USE:
 Domestic Community Industrial Irrigation
 Thermal Injection Livestock Other

(5) BORE HOLE CONSTRUCTION:
 Special Construction approval Yes No Depth of Completed Well 371 ft.
 Explosives used Yes No Type _____ Amount _____

HOLE		SEAL	
Diameter	From To	Material	From To
16"	0 130	PTD Cem	0 130
12"	130 385		

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

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: 16"	-2	49	.25	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
12"	+2	330	.25	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Liner:				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Final location of shoe(s) 330

(7) PERFORATIONS/SCREENS:

From	To	Slot size	Number	Diameter	Material	Case	Liner
341	371	.125		10"	PIR	<input type="checkbox"/>	<input checked="" type="checkbox"/>
321	341	.25		10"		<input checked="" type="checkbox"/>	<input type="checkbox"/>

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

Yield gal/min	Drawdown	Drill stem at	Flowing Time
500 ±		385	1 hr.

Temperature of water 60° F 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: _____

(9) LOCATION OF WELL by legal description:
 County Umatilla Latitude _____ Longitude _____
 Township 6N N or S Range 34E E or W. WM.
 Section 23 SW 1/4 SW 1/4
 Tax Lot _____ Lot _____ Block _____ Subdivision _____
 Street Address of Well (or nearest address) _____

(10) STATIC WATER LEVEL:
18 ft. below land surface. Date 10-26-98
 Artesian pressure _____ lb. per square inch. Date _____

(11) WATER BEARING ZONES:
 Depth at which water was first found _____

From	To	Estimated Flow Rate	SWL
20'	63'	300	18'
340'	385'	500	18'

(12) WELL LOG:
 Ground Elevation _____

Material	From	To	SWL
clay	0	20	18'
gravel	20	63	
coarsened gravel	63	340	
gravel	340	355	
Brown clay	355	385	

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WATER RESOURCES DEPT.
 SALEM, OREGON

Date started 9-98 Completed 10-28-98

(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 water supply well construction standards. Materials used and information reported above are true to the best of my knowledge and belief.

Signed Rusty Otto WWC Number 1702 Date 10-28-98

(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 water supply well construction standards. This report is true to the best of my knowledge and belief.

Signed Jany Burd WWC Number 544 Date 10-28-98

NOTICE TO WATER WELL CONTRACTOR

The original and first copy of this report are to be filed with the

STATE ENGINEER, SALEM, OREGON 97310 within 30 days from the date of well completion.

WATER WELL REPORT

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STATE OF OREGON

(Please type or print)

SEP 19 1977

(Do not write above this line)

State Well No. 6N/34E-23

State Permit No. _____

(1) OWNER: WATER RESOURCES DEPT. SALEM, OREGON
 Name Hick, Mark S.
 Address Rt #2 Box 27 Milton Freewater

(2) TYPE OF WORK (check):
 New Well Deepening Reconditioning Abandon
 If abandonment, describe material and procedure in Item 12.

(3) TYPE OF WELL: (4) PROPOSED USE (check):
 Rotary Driven Domestic Industrial Municipal
 Cable Jetted Irrigation Test Well Other
 Dug Bored

CASING INSTALLED: Threaded Welded
 _____" Diam. from _____ ft. to _____ ft. Gage _____
 _____" Diam. from _____ ft. to _____ ft. Gage _____
 _____" Diam. from _____ ft. to _____ ft. Gage _____

PERFORATIONS: Perforated? Yes No.
 Type of perforator used _____
 Size of perforations in. by in.
 _____ perforations from _____ ft. to _____ ft.
 _____ perforations from _____ ft. to _____ ft.
 _____ perforations from _____ ft. to _____ ft.

(7) SCREENS: Well screen installed? Yes No
 Manufacturer's Name _____
 Type _____ Model No. _____
 Diam. _____ Slot size _____ Set from _____ ft. to _____ ft.
 Diam. _____ Slot size _____ Set from _____ ft. to _____ ft.

(8) WELL TESTS: Drawdown is amount water level is lowered below static level
 Was a pump test made? Yes No If yes, by whom?
 Yield: gal./min. with ft. drawdown after hrs.
 _____ " " " "
 _____ " " " "
 Bailor test gal./min. with ft. drawdown after hrs.
 Artesian flow g.p.m.
 Temperature of water _____ Depth artesian flow encountered _____ ft.

(9) CONSTRUCTION:
 Well seal—Material used _____
 Well sealed from land surface to _____ ft.
 Diameter of well bore to bottom of seal _____ in.
 Diameter of well bore below seal _____ in.
 Number of sacks of cement used in well seal _____ sacks
 Number of sacks of bentonite used in well seal _____ sacks
 Brand name of bentonite _____
 Number of pounds of bentonite per 100 gallons of water _____ lbs./100 gals.
 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.

(10) LOCATION OF WELL:
 County _____ Driller's well number _____
 _____ 1/4 Section T. R. W.M.
 Bearing and distance from section or subdivision corner _____

(11) WATER LEVEL: Completed well.
 Depth at which water was first found _____ ft.
 Static level _____ ft. below land surface. Date _____
 Artesian pressure _____ lbs. per square inch. Date _____

(12) WELL LOG: Diameter of well below casing _____
 Depth drilled _____ ft. Depth of completed well _____ 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.

MATERIAL	From	To	SWL
Gravel Cement			
Brown	285	291	
Clay Brown	291	295	
Gravel - Cement Brown	295	348	48
Clay - Brown	348	352	
Gravel Cement Brown	352	366	
Clay Tan	366	371	
Clay Blue	371	375	49 1/2

Work started _____ 19 Completed _____ 19
 Date well drilling machine moved off of well _____ 19

Drilling Machine Operator's Certification:
 This well was constructed under my direct supervision. Materials used and information reported above are true to my best knowledge and belief.

[Signed] _____ Date _____, 19____
 (Drilling Machine Operator)

Drilling Machine Operator's License No. _____

Water Well Contractor's Certification:
 This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

Name _____
 (Person, firm or corporation) (Type or print)

Address _____

[Signed] _____
 (Water Well Contractor)

Contractor's License No. _____ Date _____, 19____

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

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STATE ENGINEER, SALEM, OREGON 97310
within 30 days from the date
of well completion.

SEP 19 1977

STATE OF OREGON
(Please type or print)

WATER RESOURCES DEPT.
SALEM, OREGON

LG-877C
MARCH
WELTZ

State Well No. GN/34E-23 ba

State Permit No. _____

new from card 1/2
GN/34E-23 ba

UMAT
4113

(1) OWNER:

Name Herb March
Address RT#1 Box 27 Milton freewater

(2) TYPE OF WORK (check):

New Well Deepening Reconditioning Abandon

If abandonment, describe material and procedure in item 12.

(3) TYPE OF WELL:

Rotary Driven
Cable Jetted
Dug Bored

(4) PROPOSED USE (check):

Domestic Industrial Municipal
Irrigation Test Well Other

CASING INSTALLED:

Threaded Welded

12" Diam. from 0 ft. to 304.5 ft. Gage .250

10" Diam. from 300 ft. to 370 ft. Gage .250

PERFORATIONS:

Perforated? Yes No.

Type of perforator used Acetylene + mills
Size of perforations 3/8 in. by 8 in.
180 perforations from 164 ft. to 294 ft.
Mills 1/2 x 3 perforations from _____ ft. to _____ ft.
130 perforations from 28 ft. to 164 ft.

(7) SCREENS:

Well screen installed? Yes No

Manufacturer's Name _____
Type _____ Model No. _____
Diam. _____ Slot size _____ Set from _____ ft. to _____ ft.
Diam. _____ Slot size _____ Set from _____ ft. to _____ ft.

(8) WELL TESTS:

Drawdown is amount water level is lowered below static level

Was a pump test made? Yes No If yes, by whom? Moulatt
Yield: 570 gal./min. with 150 ft. drawdown after 10 hrs.
650 " 200 " 10 "

Ball test gal./min. with ft. drawdown after hrs.
Artesian flow g.p.m.

Temperature of water 59 Depth artesian flow encountered _____ ft.

(9) CONSTRUCTION:

Well seal—Material used Bentonite
Well sealed from land surface to 28 ft.
Diameter of well bore to bottom of seal 16 in.
Diameter of well bore below seal 12 in.
Number of sacks of cement used in well seal _____ sacks
Number of sacks of bentonite used in well seal 2 1/2 sacks
Brand name of bentonite NATIONAL
Number of pounds of bentonite per 100 gallons of water 80 lbs./100 gals.
Was a drive shoe used? Yes No Flugs _____ 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.

(10) LOCATION OF WELL:

County UMATILLA Driller's well number _____
NE 1/4 SW 1/4 Section 23 T. 34 R. 6 NE W.M.

Bearing and distance from section or subdivision corner
666 ft N 127 ft W, from SE corner

(11) WATER LEVEL: Completed well.

Depth at which water was first found 39 ft.
Static level 5' 49 1/2 ft. below land surface. Date Aug. 4-77
Artesian pressure _____ lbs. per square inch. Date _____

(12) WELL LOG:

Diameter of well below casing 12
Depth drilled 375 ft. Depth of completed well 365 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.

MATERIAL	From	To	SWL
Top soil + Brown clay	0	28	
Gravel Cement-Brown	28	39	
Drilling water			
Cement Gravel (some casing)	39	45	39
Cement Gravel (Brown)	45	129	
Gravel Med (water)	129	135	44
Gravel with clay-Brown	135	179	
Gravel Med-Clean-water	179	188	48
Gravel cement-Brown	188	219	
Gravel-Casing some			
& some cleaner	219	226	
Clay-Brown	226	228	
Gravel with Brown clay	228	236	
Clay-Brown	236	239	
Gravel cement-Brown	239	258	
Clay-Brown	258	264	
Gravel (partly water)	264	283	49 1/2
Clay-Brown	283	285	

Work started July 17 19 77 Completed Aug. 4 19 77
Date well drilling machine moved off of well Aug. 5 19 77

Drilling Machine Operator's Certification:

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

[Signed] Lowell W. Moulatt Date Aug. 6, 1977
(Drilling Machine Operator)

Drilling Machine Operator's License No. 11

Water Well Contractor's Certification:

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

Name Lowell W. Moulatt
(Person, firm or corporation) (Type or print)

Address RT#2 Box 140 B M.F. Ore.

[Signed] Lowell W. Moulatt
(Water Well Contractor)

Contractor's License No. 265 Date Aug. 6 19 77

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USE ADDITIONAL SHEETS IF NECESSARY
WATER RESOURCES DEPT
SALEM, OREGON

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UMAT 53507

OCT 12 1999

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

WATER RESOURCES DEPT. SALEM, OREGON

WELL I.D. # L 18 896 START CARD # 118916

Instructions for completing this report are on the last page of this form.

(1) OWNER: Well Number

Name T.O. Williams + Assoc. Inc. Address 49654 Umapping Rd City Milton Freewater State OR Zip 97862

(2) TYPE OF WORK

New Well [] Deepening [x] Alteration (repair/recondition) [] Abandonment []

(3) DRILL METHOD:

[x] Rotary Air [] Rotary Mud [] Cable [] Auger [] Other

(4) PROPOSED USE:

[] Domestic [] Community [] Industrial [x] Irrigation [] Thermal [] Injection [] Livestock [] Other

(5) BORE HOLE CONSTRUCTION:

Special Construction approval [x] Yes [] No Depth of Completed Well 660 ft. Explosives used [] Yes [x] No Type Amount

Table with columns: HOLE Diameter, From, To, SEAL Material, From, To, Sacks or pounds. Includes entries for 16" 0-316 PORT CEM, 12" 316-550, 10" 550-660.

How was seal placed: Method [] A [] B [x] C [] D [] E [] Other

Backfill placed from ft. to ft. Material Gravel placed from ft. to ft. Size of gravel

(6) CASING/LINER:

Table with columns: Diameter, From, To, Gauge, Steel, Plastic, Welded, Threaded. Includes entries for 12" +2 316 .25 and 8" 550 660 .25.

Final location of shoe(s) 660

(7) PERFORATIONS/SCREENS:

Table with columns: From, To, Slot size, Number, Diameter, Tele/pipe size, Casing, Liner. Includes entry for 580-620 1/2" x 2" 40 8.

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

Table with columns: Pump, Bailer, Air, Artesian, Yield gal/min, Drawdown, Drill stem at, Time. Includes entry for 1000 +/- 490' 1 hr.

(9) LOCATION OF WELL by legal description:

County Umatilla Latitude Longitude Township 6 N or S Range 34 E E or W. WM. Section 27 SE 1/4 SE 1/4 Tax Lot 2702 Lot Block Subdivision Street Address of Well (or nearest address)

(10) STATIC WATER LEVEL:

60 ft. below land surface. Date 9-10-99 Artesian pressure lb. per square inch. Date

(11) WATER BEARING ZONES:

Table with columns: From, To, Estimated Flow Rate, SWL. Includes entry for 345-490.

(12) WELL LOG:

Table with columns: Material, From, To, SWL. Includes entries for Clay, cemented gravel, Brown clay, cemented gravel, Black + Brown Basalt, Broken Black Basalt, Broken Black, Black, Broken Black, Black Basalt, Black w/ Blue claystone, Black Basalt.

RECEIVED RECEIVED DEC 03 1999 JUN 07 2012 WATER RESOURCES DEPT. SALEM, OREGON

Date started 9-7-99 Completed 9-15-99

(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 water supply well construction standards. Materials used and information reported above are true to the best of my knowledge and belief. Signed Chad Burr WWC Number 1735 Date 9-15-99

(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 water supply well construction standards. This report is true to the best of my knowledge and belief. Signed Jerry Burr WWC Number Date 9-15-99

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

Instructions for completing this report are on the last page of this form.

AMENDED

Williams #3

Umat 53567

WELL I.D.# L 18896
START CARD # 118916

(1) OWNER: To Williams & Assoc. Inc Well Number _____
Name To Williams & Assoc. Inc
Address 49654 Unnaping Rd
City Miller Trnwald State OR Zip 97862

(2) TYPE OF WORK
 New Well Deepening Alteration (repair/recondition) Abandonment

(3) DRILL METHOD:
 Rotary Air Rotary Mud Cable Auger
 Other

(4) PROPOSED USE:
 Domestic Community Industrial Irrigation
 Thermal Injection Livestock Other

(5) BORE HOLE CONSTRUCTION:
Special Construction approval Yes No Depth of Completed Well 660 ft.
Explosives used Yes No Type _____ Amount _____

HOLE			SEAL			
Diameter	From	To	Material	From	To	Sacks or pounds
16	0	316				
12	316	550				
10	550	660				

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

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"	+2	316	.25	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Liner: 8	500	610	.25	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Final location of shoe(s) _____

(7) PERFORATIONS/SCREENS:

Perforations Method PLASMA
 Screens Type _____ Material _____

From	To	Slot size	Number	Diameter	Tub/pipe size	Casing	Liner
500	610	1" x 1/2"	80	8	8 3/8 CD	<input type="checkbox"/>	<input checked="" type="checkbox"/>

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

Yield gal/min	Drawdown	Drift stem at	Flowing Artesian	Time
1000 +		490'	<input checked="" type="checkbox"/>	1 hr.

Temperature of water 65°F 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: _____

(9) LOCATION OF WELL by legal description:
County Umatilla Latitude _____ Longitude _____
Township 6 N N or S Range 34 E E or W. WM
Section 27 SE 1/4 SE 1/4
Tax Lot 2702 Lot _____ Block _____ Subdivision _____
Street Address of Well (or nearest address) _____

(10) STATIC WATER LEVEL:
60' ft. below land surface. Date 9-10-99
Artesian pressure _____ lb. per square inch. Date _____

(11) WATER BEARING ZONES:
Depth at which water was first found _____

From	To	Estimated Flow Rate	SWL
345	490	1000 +	60

(12) WELL LOG:
Ground Elevation _____

Material	From	To	SWL
clay	0	10	
cemented gravel	10	120	
brown clay	120	144	
cemented gravel	144	300	
black + brown basalt	300	345	
broken black basalt	345	490	
broken black basalt	490	510	
black basalt	510	540	
broken black basalt	540	560	
black basalt	560	595	
black basalt a/B/C/D/S?	595	610	
black basalt	610	660	

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DEC 06 1999

WATER RESOURCES DEPT.
SALEM, OREGON

Date started 11-9-98 Completed 9-15-99

(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 water supply well construction standards. Materials used and information reported above are true to the best of my knowledge and belief.
Signed CHAD COURTNEY WWC Number 1735 Date 9-15-99

(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 water supply well construction standards. This report is true to the best of my knowledge and belief.
Signed Jerry Burd WWC Number 1735 Date 9-15-99

Key Bro's WELL #1

NOTICE TO WATER WELL CONTRACTOR

The original and first copy of this report are to be filed with the

STATE ENGINEER, SALEM, OREGON within 30 days from the date of well completion.

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WELL REPORT

UMAT 4121

State Well No.

6N/34E-23

State Permit No.

(1) OWNER:

Name Marion Cockburn
Address Route 2 - Box 109 Milton-Freewater, Oregon

(2) LOCATION OF WELL:

County Umatilla Driller's well number
Section 23 T. 6 R. 34 E W.M.

(3) TYPE OF WORK (check):

Well [x] Deepening [] Reconditioning [] Abandon []

(4) PROPOSED USE (check):

Domestic [] Industrial [] Municipal []
Irrigation [x] Test Well [] Other []

(5) TYPE OF WELL:

Rotary [] Driven []
Cable [x] Jetted []
Dug [] Bored []

(6) CASING INSTALLED:

Threaded [] Welded [x]
10" Diam. from 0 ft. to 80 ft. Gage 280

(7) PERFORATIONS:

Perforated? [x] Yes [] No
Type of perforator used Mills
Size of perforations 3/8 in. by 2 in.
perforations from 25 ft. to 75 ft.

(8) SCREENS:

Well screen installed? [] Yes [x] No
Manufacturer's Name
Model No.

(9) CONSTRUCTION:

Well seal—Material used in seal Bentonite clay
Depth of seal 20 ft. Was a packer used? No
Diameter of well bore to bottom of seal 14 in.
Were any loose strata cemented off? [] Yes [x] No

(10) WATER LEVELS:

Static level 0 ft. below land surface Date 2/1/65
Artesian pressure lbs. per square inch Date

(11) WELL TESTS:

Drawdown is amount water level is lowered below static level
Was a pump test made? [x] Yes [] No If yes, by whom? Driller
Yield: 150 gal./min. with 80 ft. drawdown after 2 hrs.

(12) WELL LOG:

Diameter of well below casing 10"
Depth drilled 110 ft. Depth of completed well 110 ft.
Formation: Describe by color, character, size of material and structure, and show thickness of aquifers and the kind and nature of the material in each stratum penetrated, with at least one entry for each change of formation.

Table with 3 columns: MATERIAL, FROM, TO. Rows include Gray clay & fine sand, Gray clay, Red clay & gravel, Fine gravel & red clay, Red clay, Fine gravel & red clay.

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WATER RESOURCES DEPT SALEM, OREGON

Work started 11/12/64 Completed 2/2 1965
Date well drilling machine moved off of well 2/2 1965

(13) PUMP:

Manufacturer's Name
Type: H.P.

Water Well Contractor's Certification:

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

NAME E. M. J. Behrens
Address P.O. Box 201-Milton-Freewater, Oreg.

Drilling Machine Operator's License No. 124

[Signed] E.M.J. Behrens (Water Well Contractor)

Contractor's License No. 229 Date 3/1 1965

STATE ENGINEER
Salem, Oregon

UMAT
4178

Well Record

Williams Well
#1

STATE WELL NO. 6N/34-35D(1)
COUNTY UMATILLA
APPLICATION NO. U-294

OWNER: Dorothy Kelly Cockburn

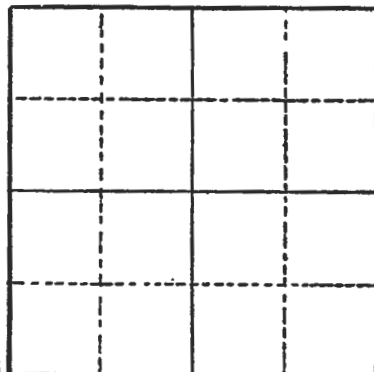
MAILING ADDRESS:

LOCATION OF WELL: Owner's No.

CITY AND STATE:

NW ¼ NW ¼ Sec. T. N. S., R. E. W., W.M.

Bearing and distance from section or subdivision
corner 746' S. & 23' E. of NW corner of Sec. 35



Altitude at well

TYPE OF WELL: Drilled Date Constructed Sept. '47 - Mar '48

Depth drilled 702 Depth cased 60

Section 35

CASING RECORD:

18 and 14 inch - set to 60 feet

FINISH:

AQUIFERS:

WATER LEVEL:

PUMPING EQUIPMENT: Type _____ H.P. _____
Capacity _____ G.P.M.

WELL TESTS:

Drawdown _____ ft. after _____ hours _____ G.P.M.
Drawdown _____ ft. after _____ hours _____ G.P.M.

USE OF WATER Irrigation Temp. _____ °F. _____, 19

SOURCE OF INFORMATION U-294, U.S.G.S. Report

DRILLER or DIGGER A. A. Durand & Son

ADDITIONAL DATA:

Log Water Level Measurements _____ Chemical Analysis _____ Aquifer Test _____

REMARKS:

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WATER RESOURCES DEPT
SALEM, OREGON

STATE ENGINEER
Salem, Oregon

State Well No. 6N/34-35D(1)
County Umatilla
Application No. U-294

Well Log

Owner: Dorothy Kelly Cookburn Owner's No. _____

Driller: A. A. Durand & Son Date Drilled Sept. '47, Mar. '48

CHARACTER OF MATERIAL	(Feet below land surface)		Thickness (feet)
	From	To	
Soil and yellow clay	0	11	11
Gravel, cemented	11	20	9
Rock and boulders	20	21	1
Gravel, cemented	21	37	16
Rock, water bearing	37	38	1
Basalt, brown	38	48	10
Gravel	48	51	3
Gravel and clay	51	58	7
Gravel, cemented	58	75	17
Basalt, brown	75	90	15
Basalt, brown, hard	90	102	12
Basalt, crevice	102	106	4
Basalt, honey combed, water bearing	106	108	2
Basalt, brown, hard	108	120	12
Gravel, gray, cemented	120	125	5
Clay, blue and gravel	125	140	15
Basalt, brown, water bearing	140	160	20
Basalt, hard, gray	160	168	8
Basalt, gray	168	178	10
Basalt, gray, soft	178	200	22
Basalt, broken, brown	200	220	20
Basalt, blue	220	255	35
Basalt, brown honeycombed	255	260	5
Basalt, blue	260	270	10

STATE ENGINEER
Salem, Oregon

State Well No. 6N/34-35D(1)
County Umatilla
Application No. U-294

Well Log - Cont.

Owner: Dorothy Kelly Cockburn Owner's No. _____

Driller: A. A. Durand Date Drilled Sept. '47 - Mar. '48

CHARACTER OF MATERIAL	(feet below land surface)		Thickness (feet)
	From	To	
Basalt, gray	270	280	10
Rock, honeycombed	280	304	24
Basalt, blue	304	354	50
Basalt, black	354	371	17
Basalt, blue	371	378	7
Basalt, black	378	388	10
Basalt, blue, water bearing	388	394	6
Basalt, black	394	403	9
Basalt, firm, water flowing	403	408	5
Basalt	408	430	22
Basalt, hard	430	434	4
Basalt	434	436	2
Basalt, hard and sharp formation	436	440	4
Basalt, sandy	440	443	3
Basalt	443	454	11
Basalt, hard	454	458	4
Basalt, flowing 165 gpm	458	575	117
Shale, brown	575	580	5
Basalt	580	600	20
Basalt, hard	600	702	102

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WATER RESOURCES DEPT
SALEM OREGON

B-1887
(Oct. 1958)

DEC 19 1963

NOTEBOOK SHEET

Name Newcomb, Seva & Turner Date Dec 17, 1963

Current metering deep wells near
Milton - Free water

Marion Cockburn well 6/34-35 D1

Well flowing 5 gpm (est) over 14-inch
flange at land surface

Depth (ft below land surface)	icks/min	Vel (ft/sec)	Flow (gpm)
----------------------------------	----------	-----------------	---------------

50

0

100

0

200

0

300

0

400

0

500

0

540 entered smaller hole, or pipe, or offset

550

0

600

0

650

0

666 passed pipe, hole offset, or sand

690

0

699± on bottom

Conclusion:

No water moving in well, except
the 5 gpm over flow, at
this time and hydraulic
condition.

new

Williams
Well #4

6520

UMAT
4177

6 3/4 - 35 C (1)

UMATILLA CO.

WELL LOG

- 1. LOCATION: State Oregon County Umatilla
NE 1/4, NW 1/4, Section 35, T 6 N. R 34 E.W.M.
- 2. OWNER: L.M. Marlatt Address Rt 2 Milton-Freewater
- 3. DRILLER: L.M. Marlatt & Son Address Rt2 Milton-Freewater
- 4. TYPE: Drilled in 1956
- 5. CASING: Diameter 10 inches, set to 90 feet
Perforated NO
Casing Shoe "Cemented In" under pressure
- 6. STATIC WATER SURFACE: Flows 100 G.P.M.

Flow in G.P.M.	Hours Pumped	Drawdown Measured from Ground Level	Time of Recovery to Static Level
<u>950</u>	<u>2</u>	<u>95 feet</u>	<u>10 minutes</u>
<u>600</u>	<u>1</u>	<u>50 feet</u>	<u>5 minutes</u>
<u>450</u>	<u>2</u>	<u>32 feet</u>	<u>3 minutes</u>

8. DRILL RECORD:

Material	Thickness (feet)	Depth (feet)	
Clay	20	20	
Water bearing Conglomerate	40	60	
Hard Basalt	67	127	
Extremely Crevaced	59	186	Began flowing
Hard Basalt	70	256	
Cinders	22	278	
Crevaced Basalt	64	342	Flow increase
Hard Basalt	98	440	
Soft (Soapstone)	13	453	Water Indication
Hard Basalt	23	476	Non Water Bearing

20 HP Turbine

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 WATER RESOURCES DEPT
 SALEM OREGON

KEY Bro's #2 well

RECEIVED APR 10 1962

UMAT 4122 G2290

GN/34-23P

File Original and First Copy with the STATE ENGINEER, SALEM, OREGON

WATER WELL REPORT STATE OF OREGON

State Well No. State Permit No.

(1) OWNER: Dorothy Kelly Cockburn Name Address R.T. #2 Milton Freewater, Ore.

(2) LOCATION OF WELL: County Yamhill Owner's number, if any- 1/4 Section T. B. W.M. Bearing and distance from section or subdivision corner

(3) TYPE OF WORK (check): New Well [x] Deepening [] Reconditioning [] Abandon []

(4) PROPOSED USE (check): Domestic [] Industrial [] Municipal [] Irrigation [x] Test Well [] Other [] (5) TYPE OF WELL: Rotary [] Cable [] Dug [] Driven [] Jetted [] Bored []

(6) CASING INSTALLED: 10" Diam. from 0 ft. to 59' 10" ft. Gage 5/16"

(7) PERFORATIONS: Type of perforator used Mills SIZE of perforations 1/2 in. by 3 in. 20 perforations from 28 ft. to 40 ft.

(8) SCREENS: Well screen installed [] Yes [x] No Manufacturer's Name Model No. Slot size Set from ft. to ft. Diam. Slot size Set from ft. to ft.

(9) CONSTRUCTION: Was well gravel packed? [] Yes [x] No Size of gravel: Gravel placed from ft. to ft. Was a surface seal provided? [x] Yes [] No To what depth? 15 ft. Material used in seal- clay puddled Did any strata contain unusable water? [] Yes [x] No Type of water? Depth of strata Method of sealing strata off

(10) WATER LEVELS: Static level 0 (12) ft. below land surface Date March 10-55 Artesian pressure 127 lbs. per square inch Date Mar. 10-55

Log Accepted by: [Signed] Dorothy Kelly Cockburn Date 4-9, 1962

(11) WELL TESTS: Drawdown is amount water level is lowered below static level Was a pump test made? [x] Yes [] No If yes, by whom? L.W. Marlatt Yield: 200 gal./min. with 75 ft. drawdown after 6 hrs.

(12) WELL LOG: Diameter of well 10 inches. Depth drilled 98 ft. Depth of completed well 98 ft. Formation: Describe by color, character, size of material and structure, and show thickness of aquifers and the kind and nature of the material in each stratum penetrated, with at least one entry for each change of formation.

Table with columns MATERIAL, FROM, TO. Entries include Top Soil + clay, Cement Gravel (Brown), Black Sand (Med-coarse), Water Bearing Gravel (Med.), Cement Gravel + Brown Clay, Black Sand (Med-coarse).

Work started Mar 1-51 19 Completed Mar 10 1955

(13) PUMP: Manufacturer's Name Type: H.P.

Well Driller's Statement: This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

NAME Lowell W. Marlatt (Person, firm, or corporation) (Type or print) Address R.T. #2 Box 111 Milton Freewater, Ore.

Driller's well number [Signed] Lowell W. Marlatt (Well Driller) License No. 265 Date April 6, 1962

371 1/2 UBERGANG
W. 1711 BERGSTRASSE 201

1011 0 3 3015

1011

Attachment D

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WATER RESOURCES DEPT
SALEM, OREGON



Oregon

Theodore R. Kulongoski, Governor

Water Resources Department
North Mall Office Building
725 Summer Street NE, Suite A
Salem, OR 97301-1266
503-986-0900
FAX 503-986-0904

September 25, 2009

(503) 986-0844

Mr. Ray Williams
Williams Dairy Heifer Raising
49654 Umapine Road
Milton-Freewater, OR 97862

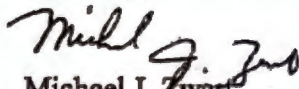
Re: Water Level Monitoring Plan – Permit G-13697, file G-14728

Dear Ray:

I have received your fax on September 23, 2009, which included the revisions to your draft water-level measurement plan that we discussed. I can now approve your plan. Please note that the plan may be modified, if appropriate, upon request or as directed.

Please call me at the above number if you have any questions.

Sincerely,


Michael J. Zwart
Hydrogeologist

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JUN 07 2012

**WATER RESOURCES DEPT
SALEM, OREGON**



Oregon Water Resource Department
Attn: Ground Water/Hydrology Section
725 Summer St NE, Suite A
Salem, OR 97301

Re: Plan to Monitor and Report the Impact of Water Use, Permit G-13697 Application G-14728.

The following is a draft monitoring plan intended to satisfy the requirement in the above permit.

- 1) We will measure the water level in March of each year all basalt wells (Williams well #1, #3 and #4) and three non-basalt wells (March well #1, March well #2 and Williams well #7)
- 2) The reference water level will be established by the measurement made in March 2007.
- 3) The well location and well ID's are more particularly described in attached Exhibit "A".
- 4) The methodology for obtaining the measurements will be an electric tape marked in 5-foot increments and a tape measure marked in feet and hundredths of a foot.
- 5) The measurements will be reported in feet and hundredths of a foot below land surface.
- 6) The well will not be pumped for 24 hours prior to taking the measurement.
- 7) The person obtaining the measurements will be either the permitter, a full time employee trained in using the equipment or other qualified person of our choice.
- 8) Annual reports will be sent to the Measurements and Reporting Section of the Department by April 30th.

STCS 7 If you have any questions or if any changes are required, please contact me.

Sincerely,

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SEP 23 2009

WATER RESOURCES DEPT
SALEM, OREGON

EXHIBIT "A"

PLAN TO MONITOR AND REPORT THE IMPACT OF WATER USE
PERMIT G-13697 APPLICATION G-14728

MARCH WELL 1 LOCATED 650' S AND 90' W OF N ¼ CORNER SEC 23 WELL ID# 48414
MARCH WELL 2 LOCATED 10' N AND 350' E OF W ¼ CORNER SEC 23 WELL ID# 48415
MARCH WELL 3 LOCATED 150' S AND 110' W OF NE CORNER SEC 22 WELL ID# 48416
KEY BROS. WELL 1 LOCATED 260' N AND 1230' E OF SW CORNER SEC 23 WELL ID# 48417
KEY BROS. WELL 2 LOCATED 30' N AND 1620' E OF SW CORNER SEC 23 WELL ID# 48418
WILLIAMS WELL 1 LOCATED 760' S AND 40' E OF NW CORNER SEC 35 WELL ID# 48419
WILLIAMS WELL 3 LOCATED 400' N AND 100' W OF SE CORNER SEC 27 WELL ID# 48421
WILLIAMS WELL 4 LOCATED 1353' S AND 1650' E OF NW CORNER SEC 35 WELL ID# 48422
WILLIAMS WELL 7 LOCATED 1000' N AND 100' N OF SW CORNER SEC 23 WELL ID# 46147

NEW WELLS SUBSEQUENTLY DEVELOPED PURSUANT TO THIS PERMIT

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WATER RESOURCES DEPT
SALEM, OREGON

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SEP 23 2009

WATER RESOURCES DEPT
SALEM, OREGON

STATIC WATER LEVEL REPORT

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SEP 29 2009

WATER RESOURCES DEPT
SALEM, OREGON

PERMIT G-13697 APPLICATION G-14728

WELL	I.D.#	LOG#	2007 ✓	2008 ✓	2009 ✓
POD 6 ✓ WILLIAMS #1	48419	UMAT 4178	60'	68'	64'
per G-12728 ✓ WILLIAMS #3	48421	UMAT 53567	73'	73'	70'
per G-464 ✓ WILLIAMS #4	48422	UMAT 4177	45'	50'	51'
per G-12940 ✓ WILLIAMS #7	46147	UMAT 52037	14'	16'	16'
POD 1 ✓ MARCH #1	48414	UMAT 5357	45'	46'	48'
POD 2 ✓ MARCH #2	48415	UMAT 4133	25'	30'	30'

All measurements taken in March of the above referenced years.

Method of Measurement – E-tape, all measurements expressed in feet.

All wells were idle at least 30 days prior to measurement.

Louis Riley

Measurer: Louis Riley
Pendleton Grain Growers – Irrigation Department
September 29, 2009

Ray Williams

T. O. Williams & Assoc., Inc.
by Ray Williams 9/29/09

Attachment E

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**WATER RESOURCES DEPT
SALEM, OREGON**

Date	Demand	Usage (kw/h)
05-24-2008	0	0
04-23-2008	25	22961
03-24-2008	0	0
02-22-2008	0	0
01-24-2008	0	0
12-26-2007	0	0
11-21-2007	0	0
10-23-2007	14	7420
09-25-2007	14	3678
08-23-2007	24	11547
07-23-2007	24	11488
06-22-2007	10	1752
05-23-2007	10	5611
04-25-2007	25	36386
03-27-2007	0	0
02-22-2007	0	0
01-24-2007	0	0
02-27-2012	0	0
01-27-2012	0	0
12-28-2011	0	0
11-29-2011	13	8331
10-25-2011	19	4319
09-26-2011	19	5857
08-25-2011	19	2018
07-27-2011	19	7072
06-24-2011	14	5390
05-25-2011	19	3152
04-26-2011	14	10114
03-28-2011	0	0
02-25-2011	0	0
01-25-2011	0	0
12-27-2010	0	0
11-23-2010	0	0
10-21-2010	20	2985
09-24-2010	0	0
08-24-2010	0	0
07-27-2010	0	0
06-25-2010	0	0
05-26-2010	0	0
04-24-2010	0	0
03-24-2010	0	0
02-23-2010	0	0
01-25-2010	0	0
12-23-2009	0	0
11-20-2009	0	0
10-21-2009	0	0

42463051 011 SCHUBERT SS 3PE BUROKER PUMP

Williams #4
(Marlatt)

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WATER RESOURCES DEPT
SALEM OREGON

09-23-2009	0	0
08-21-2009	13	971
07-24-2009	16	9134
06-24-2009	19	227
05-21-2009	0	0
04-23-2009	0	0
03-24-2009	0	0
02-24-2009	0	0
01-27-2009	0	0
12-26-2008	0	0
11-25-2008	0	0
10-23-2008	0	0
09-23-2008	0	0
08-22-2008	0	0
07-23-2008	19	1875
06-20-2008	19	736
05-24-2008	19	4242
04-23-2008	19	5057
03-24-2008	0	0
02-22-2008	0	0
01-24-2008	0	0
12-26-2007	0	0
11-21-2007	0	0
10-23-2007	0	0
09-25-2007	0	0
08-23-2007	19	4231
07-23-2007	19	1927
06-22-2007	0	0
05-23-2007	0	0
04-25-2007	20	1460
03-27-2007	0	0
02-22-2007	0	0
01-24-2007	0	0

42463051 012 TROYER RD 9P W UMPN HY SS

Key Brothers Wells
1 and 2

02-27-2012	0	0
01-27-2012	0	0
12-28-2011	0	0
11-29-2011	0	25
10-25-2011	2	54
09-26-2011	2	105
08-25-2011	2	144
07-27-2011	3	140
06-24-2011	2	72
05-25-2011	3	229
04-26-2011	4	118
03-28-2011	0	0
02-25-2011	0	0

PAID JUN 9 2012
WATERBURY DEPT
PAID

01-25-2011	0	0
12-27-2010	0	0
11-23-2010	0	0
10-21-2010	0	0
09-24-2010	0	0
08-24-2010	3	313
07-27-2010	5	258
06-25-2010	0	0
05-26-2010	3	6
04-24-2010	0	0
03-24-2010	0	0
02-23-2010	0	0
01-25-2010	0	0
12-23-2009	0	0
11-20-2009	0	0
10-21-2009	0	0
09-23-2009	0	0
08-21-2009	0	0
07-24-2009	3	176
06-24-2009	4	534
05-21-2009	5	99
04-23-2009	4	0
03-24-2009	0	0
02-24-2009	0	0
01-27-2009	0	0
12-26-2008	0	0
11-25-2008	4	7
10-23-2008	3	14
09-23-2008	1	20
08-22-2008	4	154
07-23-2008	2	1
06-20-2008	4	100
05-24-2008	4	247
04-23-2008	4	203
03-24-2008	0	0
02-22-2008	0	0
01-24-2008	0	0
12-26-2007	0	0
11-21-2007	35	462
10-23-2007	2	113
09-25-2007	4	339
08-23-2007	4	520
07-23-2007	3	149
06-22-2007	3	114
05-23-2007	2	211
04-25-2007	3	36
03-27-2007	0	0

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**WATER RESOURCES DEPT
SALEM OREGON**

42463051 013

UMPN HY WS 2000' N/O TROYER*

*account closed and reopened

on 1-13-10

Williams #7

02-22-2007	0	0
01-24-2007	0	0
02-27-2012	0	0
01-27-2012	0	0
12-28-2011	0	0
11-29-2011	18	767
10-25-2011	18	5262
09-26-2011	50	399
08-25-2011	50	20010
07-27-2011	17	4050
06-24-2011	18	5524
05-25-2011	18	5831
04-26-2011	18	7322
03-28-2011	0	0
02-25-2011	0	0
01-25-2011	0	0
12-27-2010	0	0
11-23-2010	0	0
10-21-2010	0	0
09-24-2010	0	0
08-24-2010	0	0
07-27-2010	0	0
06-25-2010	18	4371
05-26-2010	17	2745
04-24-2010	17	3065
03-24-2010	0	0
02-23-2010	0	0
01-25-2010	0	0
01-13-2010	0	0
01-12-2010	0	0
12-23-2009	0	0
11-20-2009	0	0
10-21-2009	0	0
09-23-2009	0	0
08-21-2009	0	0
07-24-2009	16	2166
06-24-2009	18	7234
05-21-2009	18	4951
04-23-2009	51	17892
03-24-2009	0	0
02-24-2009	0	0
01-27-2009	0	0
12-26-2008	0	0
11-25-2008	0	0
10-23-2008	0	0
09-23-2008	49	6871

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 WILLIAMS DAIRY
 211 FM CREGG

08-22-2008	50	28115
07-23-2008	50	22102
06-20-2008	0	0
05-24-2008	0	0
04-23-2008	0	0
03-24-2008	0	0
02-22-2008	0	0
01-24-2008	0	0
12-26-2007	0	0
11-21-2007	49	11297
10-23-2007	50	32053
09-25-2007	50	20085
08-23-2007	49	29526
07-23-2007	54	29301
06-22-2007	0	0
05-23-2007	0	0
04-25-2007	0	0
03-27-2007	0	0
02-22-2007	0	0
01-24-2007	0	0

42463051 014 SCHUBERT & BUROKER N DITC 150hp

Williams #3

02-27-2012	0	0
01-27-2012	0	0
12-28-2011	0	0
11-29-2011	0	0
10-25-2011	4	0
09-26-2011	3	0
08-25-2011	3	0
07-27-2011	2	80
06-24-2011	3	240
05-25-2011	4	480
04-26-2011	1	3360
03-28-2011	0	0
02-25-2011	0	0
01-25-2011	0	0
12-27-2010	0	0
11-23-2010	0	0
10-21-2010	1	680
09-24-2010	130	51840
08-24-2010	131	49840
07-27-2010	131	2640
06-25-2010	2	320
05-26-2010	3	320
04-24-2010	3	480
03-24-2010	0	0
02-23-2010	0	0
01-25-2010	0	0

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WATER RESOURCES DEPT
SAI FM OREGON

12-23-2009	0	0
11-20-2009	2	0
10-21-2009	62	400
09-23-2009	131	29640
08-21-2009	130	28120
07-24-2009	4	680
06-24-2009	4	880
05-21-2009	1	640
04-23-2009	3	360
03-24-2009	0	0
02-24-2009	0	0
01-27-2009	0	0
12-26-2008	0	0
11-25-2008	2	400
10-23-2008	113	19800
09-23-2008	127	81600
08-22-2008	132	79840
07-23-2008	132	17480
06-20-2008	5	760
05-24-2008	4	920
04-23-2008	4	480
03-24-2008	0	0
02-22-2008	0	0
01-24-2008	0	0
12-26-2007	0	0
11-21-2007	0	0
10-23-2007	109	22520
09-25-2007	129	55200
08-23-2007	130	77280
07-23-2007	131	84240
06-22-2007	130	39360
05-23-2007	4	720
04-25-2007	3	800
03-27-2007	0	0
02-22-2007	0	0
01-24-2007	0	0
02-27-2012	0	0
01-27-2012	0	0
12-28-2011	0	0
11-29-2011	39	21084
10-25-2011	36	10033
09-26-2011	40	12099
08-25-2011	39	9192
07-27-2011	41	23727
06-24-2011	41	17114
05-25-2011	42	8899

42463051 018

BUROKER ES .3M SCHUBERT

NUM 0 3 5018

WATER HEDONERES HEMF
3TH FEM JURELUM

04-26-2011	41	26914
03-28-2011	0	0
02-25-2011	0	0
01-25-2011	0	0
12-27-2010	0	0
11-23-2010	0	0
10-21-2010	42	11702
09-24-2010	0	0
08-24-2010	0	0
07-27-2010	38	4028
06-25-2010	39	14594
05-26-2010	43	24460
04-24-2010	41	8051
03-24-2010	0	0
02-23-2010	0	0
01-25-2010	0	0
12-23-2009	0	0
11-20-2009	38	5198
10-21-2009	39	2755
09-23-2009	34	10521
08-21-2009	41	7105
07-24-2009	35	707
06-24-2009	41	27759
05-21-2009	39	18277
04-23-2009	40	25369
03-24-2009	0	0
02-24-2009	0	0
01-27-2009	0	0
12-26-2008	0	0
11-25-2008	38	8135
10-23-2008	0	0
09-23-2008	0	0
08-22-2008	0	0
07-23-2008	38	10122
06-20-2008	42	10058
05-24-2008	43	14822
04-23-2008	42	23083
03-24-2008	0	0
02-22-2008	0	0
01-24-2008	0	0
12-26-2007	0	0
11-21-2007	36	1366
10-23-2007	41	3919
09-25-2007	0	0
08-23-2007	0	0
07-23-2007	0	0
06-22-2007	37	14079

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**WATER RESOURCES DEPT
SALEM, OREGON**

42463051 019 MRCH W 4PS SNQU

05-23-2007	35	729
04-25-2007	39	36453
03-27-2007	0	0
02-22-2007	0	0
01-24-2007	0	0
02-29-2012	0	0
01-31-2012	0	0
12-30-2011	0	0
12-01-2011	38	8488
10-28-2011	39	18779
09-28-2011	0	0
08-29-2011	0	0
07-29-2011	37	15096
06-28-2011	38	21603
05-31-2011	0	0
04-28-2011	38	18320
03-30-2011	0	0
03-01-2011	0	0
01-26-2011	0	0
12-27-2010	0	0
11-23-2010	0	0
10-22-2010	39	7160
09-27-2010	36	0
08-25-2010	0	0
07-27-2010	36	6603
06-25-2010	36	23698
05-26-2010	35	750
04-24-2010	0	0
03-24-2010	0	0
02-23-2010	0	0
01-25-2010	0	0
12-23-2009	0	0
11-23-2009	0	0
10-21-2009	36	0
09-23-2009	36	0
08-21-2009	36	0
07-27-2009	36	6127
06-24-2009	37	6113
05-21-2009	37	0
04-23-2009	37	6021
03-24-2009	0	0
02-25-2009	0	0
01-27-2009	0	0
12-26-2008	0	0
11-24-2008	0	0
10-23-2008	0	0

WATER RESOURCES DEPT.
STATE OF TEXAS
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09-22-2008	0	0
08-25-2008	0	0
07-24-2008	36	19416
06-23-2008	36	3322
05-27-2008	36	10703
04-24-2008	36	18056
03-24-2008	0	0
02-22-2008	0	0
01-24-2008	0	0
12-26-2007	0	0
11-26-2007	36	4937
10-23-2007	36	15357
09-26-2007	0	0
08-24-2007	0	0
07-23-2007	0	0
06-21-2007	36	10846
05-24-2007	36	24818
04-24-2007	36	17911
03-27-2007	0	0
02-23-2007	0	0
01-24-2007	0	0

42463051 020 SCHUBERT & BUROKER N DTCH

02-27-2012	0	0
01-27-2012	0	0
12-28-2011	0	0
11-29-2011	67	17318
10-25-2011	0	0
09-26-2011	38	2816
08-25-2011	65	17277
07-27-2011	64	31123
06-24-2011	67	21588
05-25-2011	68	33540
04-26-2011	67	40389
03-28-2011	0	0
02-25-2011	0	0
01-25-2011	0	0
12-27-2010	0	0
11-23-2010	0	0
10-21-2010	0	0
09-24-2010	0	0
08-24-2010	0	0
07-27-2010	38	15857
06-25-2010	69	25964
05-26-2010	67	40443
04-24-2010	63	41777
03-24-2010	0	0
02-23-2010	0	0

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 WATER RESOURCES DEPT
 SALEM OREGON

01-25-2010	0	0
12-23-2009	0	0
11-20-2009	61	5825
10-21-2009	0	0
09-23-2009	60	7208
08-21-2009	56	6617
07-24-2009	71	34083
06-24-2009	67	30264
05-21-2009	53	28850
04-23-2009	54	17469
03-24-2009	0	0
02-24-2009	0	0
01-27-2009	0	0
12-26-2008	0	0
11-25-2008	47	12442
10-23-2008	0	0
09-23-2008	0	0
08-22-2008	0	0
07-23-2008	49	15574
06-20-2008	52	21781
05-24-2008	54	28762
04-23-2008	54	20193
03-24-2008	0	0
02-22-2008	0	0
01-24-2008	0	0
12-26-2007	0	0
11-21-2007	34	11508
10-23-2007	53	7191
09-25-2007	0	0
08-23-2007	0	0
07-23-2007	0	0
06-22-2007	54	13022
05-23-2007	54	19593
04-25-2007	54	29290
03-27-2007	0	0
02-22-2007	0	0
01-24-2007	0	0

42463051 021 FRTVL 55 16PW MARCH 40 HP

March Well *2

02-27-2012	0	0
01-27-2012	0	0
12-28-2011	0	0
11-28-2011	0	0
10-25-2011	17	3136
09-26-2011	0	0
08-25-2011	0	1
07-27-2011	17	4011
06-24-2011	17	10337

05-25-2011	17	11220
04-26-2011	0	0
03-28-2011	0	0
02-25-2011	0	0
01-25-2011	0	0
12-27-2010	0	0
11-23-2010	0	0
10-21-2010	2	1
09-27-2010	0	0
08-24-2010	18	4475
07-27-2010	0	0
06-25-2010	0	0
05-26-2010	17	3651
04-24-2010	16	2690
03-24-2010	0	0
02-23-2010	0	0
01-25-2010	0	0
12-23-2009	0	0
11-20-2009	16	1806
10-21-2009	0	0
09-23-2009	33	13687
08-21-2009	16	1283
07-24-2009	31	13159
06-24-2009	0	0
05-21-2009	18	11939
04-23-2009	0	0
03-24-2009	0	0
02-24-2009	0	0
01-27-2009	0	0
12-26-2008	0	0
11-25-2008	33	5778
10-23-2008	33	7703
09-23-2008	33	8218
08-22-2008	33	7704
07-23-2008	33	10811
06-20-2008	18	13429
05-24-2008	0	0
04-23-2008	0	0
03-24-2008	0	0
02-22-2008	0	0
01-24-2008	0	0
12-26-2007	0	0
11-21-2007	16	6316
10-23-2007	35	18564
09-25-2007	0	0
08-23-2007	34	11008
07-23-2007	34	11361

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**WATER RESOURCES DEPT
SAIFM OREGON**

06-21-2007	18	7399
05-23-2007	17	4207
04-25-2007	18	6518
03-27-2007	0	0
02-22-2007	0	0
01-24-2007	0	0

42463051 022 BUOKER .1 S/O SCHUBERT 100 HP

Williams #1

02-27-2012	0	0
01-27-2012	0	0
12-28-2011	0	0
11-29-2011	72	45133
10-25-2011	72	32417
09-26-2011	73	19408
08-25-2011	73	35876
07-27-2011	75	12944
06-24-2011	73	617
05-25-2011	0	0
04-26-2011	0	0
03-28-2011	0	0
02-25-2011	0	0
01-25-2011	0	0
12-27-2010	0	0
11-23-2010	0	0
10-21-2010	73	14995
09-24-2010	73	24731
08-24-2010	75	35077
07-27-2010	75	23472
06-25-2010	0	0
05-26-2010	0	0
04-24-2010	0	0
03-24-2010	0	0
02-23-2010	0	0
01-25-2010	0	0
12-23-2009	0	0
11-20-2009	0	0
10-21-2009	0	0
09-23-2009	78	20881
08-21-2009	75	20746
07-24-2009	75	4380
06-24-2009	0	0
05-21-2009	0	0
04-23-2009	0	0
03-24-2009	0	0
02-24-2009	0	0
01-27-2009	0	0
12-26-2008	0	0
11-25-2008	0	0

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 301 FM JOPLIN

10-23-2008	71	13441
09-23-2008	74	48742
08-22-2008	75	42109
07-23-2008	76	18373
06-20-2008	0	0
05-24-2008	0	0
04-23-2008	0	0
03-24-2008	0	0
02-22-2008	0	0
01-24-2008	0	0
12-26-2007	0	0
11-21-2007	0	0
10-23-2007	74	6485
09-25-2007	76	29620
08-23-2007	75	48480
07-23-2007	74	6259
06-22-2007	0	0
05-23-2007	0	0
04-25-2007	0	0
03-27-2007	0	0
02-22-2007	0	0
01-24-2007	0	0
02-29-2012	0	0
01-31-2012	0	0
12-30-2011	0	0
12-01-2011	0	0
10-28-2011	68	9240
09-28-2011	68	17800
08-29-2011	64	32840
07-29-2011	0	0
06-28-2011	0	0
05-31-2011	0	0
04-28-2011	0	0
03-30-2011	0	0
03-01-2011	0	0
01-26-2011	0	0
12-27-2010	0	0
11-23-2010	0	0
10-22-2010	0	0
09-27-2010	60	80
08-25-2010	63	33200
07-27-2010	64	23280
06-25-2010	0	0
05-26-2010	0	0
04-24-2010	0	0
03-24-2010	0	0

42463051 023 SNQU S 13PW MRCH

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SALEM, OREGON

02-23-2010	0	0
01-25-2010	0	0
12-23-2009	0	0
11-23-2009	0	0
10-21-2009	0	0
09-23-2009	64	36560
08-21-2009	63	17400
07-27-2009	64	26280
06-24-2009	0	0
05-21-2009	0	0
04-23-2009	0	0
03-24-2009	0	0
02-25-2009	0	0
01-27-2009	0	0
12-26-2008	0	0
11-24-2008	0	0
10-23-2008	0	0
09-22-2008	63	30600
08-25-2008	63	51520
07-24-2008	64	10520
06-23-2008	0	0
05-27-2008	0	0
04-24-2008	0	0
03-24-2008	0	0
02-22-2008	0	0
01-24-2008	0	0
12-26-2007	0	0
11-26-2007	0	0
10-23-2007	63	13400
09-26-2007	64	40920
08-24-2007	64	30160
07-23-2007	64	45840
06-21-2007	0	0
05-24-2007	0	0
04-24-2007	0	0
03-27-2007	0	0
02-23-2007	0	0
01-24-2007	0	0

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 SALEM OREGON

COLUMBIA REA

Revision: 10386

05/01/2012 2:34:23 pm

ACCOUNT 8443 RECONCILIATION

MARCH Well #3

Page: 1

Account	Name	Address	Home Phone	Work Phone	Mobile Phone	Cyc
*413	THOMAS O WILLIAMS & ASSOC INC	49654 UMAPINE RD MILTON FRWTR, OR 97862	(541)558-3918	(800)434-3372	(509)301-7143	1

Meter	Rdg	Rdg Dt	Rate	Dvc Type	# of Dvc	Mem Nbr	Dep Type	Prev	Srv Loc Nbr	Dep Amt	Dep Dt	Use
17395943	0	04/01/2012	430									

Provider	Cur AR	30 Day AR	60 Day AR	90 Day AR	Srv Loc Nbr	S/S	YTD Rev	YTD Usage	Srv Map Loc	Rev Class	Sub	Route	Board Dist	Dist Office
CREA	88.08	80.44	84.90	83.65	3735	1	236.10	0	501-00-0918	3	S	600	MCCAW	Oregon State

BILLING HISTORY

	Dec 07	Nov 07	Oct 07	Sep 07	Aug 07	Jul 07	Jun 07	May 07	Apr 07	Mar 07	Feb 07	Jan 07	
Rev:	65.40	65.40	65.40	157.34	954.81	2.39	65.40	65.40	65.40	65.40	65.40	65.40	
Dmd:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Dvc:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
PCA:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Rev Tot:	65.40	65.40	65.40	157.34	954.81	2.39	65.40	65.40	65.40	65.40	65.40	65.40	
Tax:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Other:	0.00	0.00	0.00	0.00	0.00	65.40	0.00	0.00	0.00	0.00	0.00	0.00	
Total:	65.40	65.40	65.40	157.34	954.81	67.79	65.40	65.40	65.40	65.40	65.40	65.40	
Pymt:	-66.38	-159.70	-970.16	68.81	-66.38	-67.40	-66.40	66.40	-66.43	-68.72	-221.62	-66.40	
Total Rev:	1,703.14		Total Dmd:		0.00		Total Dvc:		0.00		Total PCA:		0.00
Avg Rev:	141.93		Avg Dmd Rev:		0.00		Avg Reporting Rev:		141.93		Total Payment:		-1,934.80

USAGE HISTORY

	Dec 07	Nov 07	Oct 07	Sep 07	Aug 07	Jul 07	Jun 07	May 07	Apr 07	Mar 07	Feb 07	Jan 07
Usage:	0	0	0	2512	20260	72	0	0	0	0	0	0
Kw Dmd:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Bill Dmd:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Usage:	22,844		Total Kw Dmd:		0.000		Total Bill Dmd:		0.000		0.000	
Avg Usage:	1,904		Avg Kw Dmd:		0.000		Avg Bill Dmd:		0.000		0.000	

01/09/2002 15:57 5093922736 COLUMBIA REA PAGE 02/01

32 2:35:36 pm

ACCOUNT 8443 RECONCILIATION MARCH Well #3

Page: 1

Count	Name	Address	Home Phone	Work Phone	Mobile Phone	Cyc
8443	THOMAS O WILLIAMS & ASSOC INC	49654 UMAPINE RD MILTON FRWTR, OR 97862	(541)558-3913	(800)431-1372	(509)301 7143	1

Rdg	Rdg Dt	Rate	Dvc Type	# of Dvc	Mem Nbr	Dep Type	Prov	Srv Loc Nbr	Dep Amt	Dep Dt	Use
0	04/01/2012	430									

Jer	Cur AR	30 Day AR	60 Day AR	90 Day AR	Srv Loc Nbr	S/S	YTD Rev	YTD Usage	Srv Map Loc	Rev Class	Sub	Route	Board Dist	Dist Office
	88.03	80.44	84.90	83.65	3735	1	236.10	0	S01-00-0938	3	5	600	MCCAW	Oregon State

BILLING HISTORY

	Dec 09	Nov 09	Oct 09	Sep 09	Aug 09	Jul 09	Jun 09	May 09	Apr 09	Mar 09	Feb 09	Jan 09	
Revenue	76.50	76.50	76.50	75.00	75.00	75.00	75.00	75.00	75.00	75.00	75.00	75.00	
Usage	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Net	76.50	76.50	76.50	75.00	75.00	75.00	75.00	75.00	75.00	75.00	75.00	75.00	
Other	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Sub	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Net	76.50	76.50	76.50	75.00	75.00	75.00	75.00	75.00	75.00	75.00	75.00	75.00	
Other	0.00	-77.28	-77.28	0.00	0.00	-154.55	0.00	-76.13	-77.27	-75.00	-71.09	-69.00	
Total Rev:	904.50		Total Dmd:		0.00		Total Dvc:		0.00		Total PCA:		0.00
Avg Rev:	75.38		Avg Dmd Rev:		0.00		Avg Reporting Rev:		75.38		Total Payment:		-677.60

USAGE HISTORY

	Dec 09	Nov 09	Oct 09	Sep 09	Aug 09	Jul 09	Jun 09	May 09	Apr 09	Mar 09	Feb 09	Jan 09	
Usage	0	0	0	0	0	0	0	0	0	0	0	0	
Dmd	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
Net	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
Total Usage:	0		Total Kw Dmd:		0.000		Total Bill Dmd:		0.000		Total Bill Dmd:		0.000
Avg Usage:	0		Avg Kw Dmd:		0.000		Avg Bill Dmd:		0.000		Avg Bill Dmd:		0.000

THOMAS O WILLIAMS & ASSOCIATES

01/09/2002 15:57 0093862136 COLUMBIA REA PAGE 04/01

Key Brothers Wells #1 and #2 - Combined Meter

Electric Meter Information		Water Use Calculation Information				Water Use (gallons)
Date	Usage (kW/h)	Hours between readings	kWi	Efficiency Estimate	Total Pump Lift (ft)	
2/27/2012	0	744	0.00	0.8	78	0
1/27/2012	0	720	0.00	0.8	78	0
12/28/2011	0	696	0.00	0.8	78	0
11/29/2011	25	840	0.03	0.8	78	81,699
10/25/2011	54	696	0.08	0.8	78	176,470
9/26/2011	105	768	0.14	0.8	78	343,137
8/25/2011	144	696	0.21	0.8	78	470,587
7/27/2011	140	792	0.18	0.8	78	457,515
6/24/2011	72	720	0.10	0.8	78	235,294
5/25/2011	229	696	0.33	0.8	78	748,364
4/26/2011	118	696	0.17	0.8	78	385,620
3/28/2011	0	744	0.00	0.8	78	0
2/25/2011	0	744	0.00	0.8	78	0
1/25/2011	0	696	0.00	0.8	78	0
12/27/2010	0	816	0.00	0.8	78	0
11/23/2010	0	792	0.00	0.8	78	0
10/21/2010	0	648	0.00	0.8	78	0
9/24/2010	0	744	0.00	0.8	78	0
8/24/2010	313	672	0.47	0.8	78	1,022,874
7/27/2010	258	768	0.34	0.8	78	843,136
6/25/2010	0	720	0.00	0.8	78	0
5/26/2010	6	768	0.01	0.8	78	19,608
4/24/2010	0	744	0.00	0.8	78	0
3/24/2010	0	696	0.00	0.8	78	0
2/23/2010	0	696	0.00	0.8	78	0
1/25/2010	0	792	0.00	0.8	78	0
12/23/2009	0	792	0.00	0.8	78	0
11/20/2009	0	720	0.00	0.8	78	0
10/21/2009	0	672	0.00	0.8	78	0
9/23/2009	0	792	0.00	0.8	78	0
8/21/2009	0	672	0.00	0.8	78	0
7/24/2009	176	720	0.24	0.8	78	575,162
6/24/2009	534	816	0.65	0.8	78	1,745,094
5/21/2009	99	672	0.15	0.8	78	323,529
4/23/2009	0	720	0.00	0.8	78	0
3/24/2009	0	672	0.00	0.8	78	0
2/24/2009	0	672	0.00	0.8	78	0
1/27/2009	0	768	0.00	0.8	78	0
12/26/2008	0	744	0.00	0.8	78	0
11/25/2008	7	792	0.01	0.8	78	22,876
10/23/2008	14	720	0.02	0.8	78	45,752
9/23/2008	20	768	0.03	0.8	78	65,359
8/22/2008	154	720	0.21	0.8	78	503,267
7/23/2008	1	792	0.00	0.8	78	3,268
6/20/2008	100	648	0.15	0.8	78	326,797
5/24/2008	247	744	0.33	0.8	78	807,188
4/23/2008	203	720	0.28	0.8	78	663,397
3/24/2008	0	744	0.00	0.8	78	0
2/22/2008	0	696	0.00	0.8	78	0
1/24/2008	0	696	0.00	0.8	78	0
12/26/2007	0	840	0.00	0.8	78	0
11/21/2007	462	696	0.66	0.8	78	1,509,801
10/23/2007	113	672	0.17	0.8	78	369,280
9/25/2007	339	792	0.43	0.8	78	1,107,841
8/23/2007	520	744	0.70	0.8	78	1,699,343
7/23/2007	149	744	0.20	0.8	78	486,927
6/22/2007	114	720	0.16	0.8	78	372,548
5/23/2007	211	672	0.31	0.8	78	689,541
4/25/2007	36	696	0.05	0.8	78	117,647
3/27/2007	0	792	0.00	0.8	78	0
2/22/2007	0	696	0.00	0.8	78	0
1/24/2007	0					

Notes:

Water use calculation based on Wire to Water Efficiency calculation, where:

$$E_w = \frac{0.7457(Q)(\text{Total lift})}{3960(kWi)} \quad \text{or} \quad Q = \frac{3960(kWi)(E_w)}{0.7457(\text{Total lift})}$$

E_w = wire to water efficiency - estimated at 80% for turbine or submersible pumps based on OWRD efficiency factors

Q = discharge rate (gpm)

Total lift = sum of well drawdown, depth to water, and lift to field (average used for Key Brothers Wells)

kWi = electrical usage (kW)

Water use= Q* time between electrical readings

Reference: 1989, Handbook of Ground Water Development, Roscoe Moss Company, p. 330

Williams Well #7

Electric Meter Information		Water Use Calculation Information				Water Use (gallons)
Date	Usage (kW/h)	Hours between readings	kWi	Efficiency Estimate	Total Pump Lift (ft)	
2/27/2012	0	744	0.00	0.8	344	0
1/27/2012	0	720	0.00	0.8	344	0
12/28/2011	0	696	0.00	0.8	344	0
11/29/2011	767	840	0.91	0.8	344	568,341
10/25/2011	5262	696	7.56	0.8	344	3,899,103
9/26/2011	20010	768	26.05	0.8	344	14,827,261
8/25/2011	20010	696	28.75	0.8	344	14,827,261
7/27/2011	4050	792	5.11	0.8	344	3,001,020
6/24/2011	5524	720	7.67	0.8	344	4,093,243
5/25/2011	5831	696	8.38	0.8	344	4,320,728
4/26/2011	7322	696	10.52	0.8	344	5,425,547
3/28/2011	0	744	0.00	0.8	344	0
2/25/2011	0	744	0.00	0.8	344	0
1/25/2011	0	696	0.00	0.8	344	0
12/27/2010	0	816	0.00	0.8	344	0
11/23/2010	0	792	0.00	0.8	344	0
10/21/2010	0	648	0.00	0.8	344	0
9/24/2010	0	744	0.00	0.8	344	0
8/24/2010	0	672	0.00	0.8	344	0
7/27/2010	0	768	0.00	0.8	344	0
6/25/2010	4371	720	6.07	0.8	344	3,238,878
5/26/2010	2745	768	3.57	0.8	344	2,034,025
4/24/2010	3065	744	4.12	0.8	344	2,271,142
3/24/2010	0	696	0.00	0.8	344	0
2/23/2010	0	696	0.00	0.8	344	0
1/25/2010	0	288	0.00	0.8	344	0
1/13/2010	0	24	0.00	0.8	344	0
1/12/2010	0	480	0.00	0.8	344	0
12/23/2009	0	792	0.00	0.8	344	0
11/20/2009	0	720	0.00	0.8	344	0
10/21/2009	0	672	0.00	0.8	344	0
9/23/2009	0	792	0.00	0.8	344	0
8/21/2009	0	672	0.00	0.8	344	0
7/24/2009	2166	720	3.01	0.8	344	1,604,990
6/24/2009	7234	816	8.87	0.8	344	5,360,340
5/21/2009	4951	672	7.37	0.8	344	3,668,654
4/23/2009	17892	720	24.85	0.8	344	13,257,839
3/24/2009	0	672	0.00	0.8	344	0
2/24/2009	0	672	0.00	0.8	344	0
1/27/2009	0	768	0.00	0.8	344	0
12/26/2008	0	744	0.00	0.8	344	0
11/25/2008	0	792	0.00	0.8	344	0
10/23/2008	0	720	0.00	0.8	344	0
9/23/2008	6871	768	8.95	0.8	344	5,091,360
8/22/2008	28115	720	39.05	0.8	344	20,833,005
7/23/2008	22102	792	27.91	0.8	344	16,377,417
6/20/2008	0	648	0.00	0.8	344	0
5/24/2008	0	744	0.00	0.8	344	0
4/23/2008	0	720	0.00	0.8	344	0
3/24/2008	0	744	0.00	0.8	344	0
2/22/2008	0	696	0.00	0.8	344	0
1/24/2008	0	696	0.00	0.8	344	0
12/26/2007	0	840	0.00	0.8	344	0
11/21/2007	11297	696	16.23	0.8	344	8,370,993
10/23/2007	32053	672	47.70	0.8	344	23,751,034
9/25/2007	20085	792	25.36	0.8	344	14,882,835
8/23/2007	29526	744	39.69	0.8	344	21,878,546
7/23/2007	29301	744	39.38	0.8	344	21,711,823
6/22/2007	0	720	0.00	0.8	344	0
5/23/2007	0	672	0.00	0.8	344	0
4/25/2007	0	696	0.00	0.8	344	0
3/27/2007	0	792	0.00	0.8	344	0
2/22/2007	0	696	0.00	0.8	344	0
1/24/2007	0					

Notes:

Water use calculation based on Wire to Water Efficiency calculation, where:

$$E_w = \frac{0.7457(Q)(\text{Total lift})}{3960(\text{kWh})} \quad \text{or} \quad Q = \frac{3960(\text{kWh})(E_w)}{0.7457(\text{Total lift})}$$

E_w = wire to water efficiency - estimated at 80% for turbine or submersible pumps based on OWRD efficiency factors

Q = discharge rate (gpm)

Total lift = sum of well drawdown, depth to water, and lift to field

kWh = electrical usage (kW)

Water use= Q* time between electrical readings

Reference: 1989, Handbook of Ground Water Development, Roscoe Moss Company, p. 330

March Well #3

Electric Meter Information		Water Use Calculation Information				Water Use (gallons)
Date	Usage (kW/h)	Hours between readings	kWi	Efficiency Estimate	Total Pump Lift (ft)	
12/1/2009	0	720	0.00	0.8	209	0
11/1/2009	0	744	0.00	0.8	209	0
10/1/2009	0	720	0.00	0.8	209	0
9/1/2009	0	744	0.00	0.8	209	0
8/1/2009	0	744	0.00	0.8	209	0
7/1/2009	0	720	0.00	0.8	209	0
6/1/2009	0	744	0.00	0.8	209	0
5/1/2009	0	720	0.00	0.8	209	0
4/1/2009	0	744	0.00	0.8	209	0
3/1/2009	0	672	0.00	0.8	209	0
2/1/2009	0	744	0.00	0.8	209	0
1/1/2009	0	744	0.00	0.8	209	0
12/1/2008	0	720	0.00	0.8	209	0
11/1/2008	0	744	0.00	0.8	209	0
10/1/2008	0	720	0.00	0.8	209	0
9/1/2008	0	744	0.00	0.8	209	0
8/1/2008	0	744	0.00	0.8	209	0
7/1/2008	0	720	0.00	0.8	209	0
6/1/2008	0	744	0.00	0.8	209	0
5/1/2008	0	720	0.00	0.8	209	0
4/1/2008	0	744	0.00	0.8	209	0
3/1/2008	0	696	0.00	0.8	209	0
2/1/2008	0	744	0.00	0.8	209	0
1/1/2008	0	744	0.00	0.8	209	0
12/1/2007	0	720	0.00	0.8	209	0
11/1/2007	0	744	0.00	0.8	209	0
10/1/2007	0	720	0.00	0.8	209	0
9/1/2007	2512	744	3.38	0.8	209	3,063,696
8/1/2007	20260	744	27.23	0.8	209	24,709,584
7/1/2007	72	720	0.10	0.8	209	87,813
6/1/2007	0	744	0.00	0.8	209	0
5/1/2007	0	720	0.00	0.8	209	0
4/1/2007	0	744	0.00	0.8	209	0
3/1/2007	0	672	0.00	0.8	209	0
2/1/2007	0	744	0.00	0.8	209	0
1/1/2007	0					

Notes:

Water use calculation based on Wire to Water Efficiency calculation, where:

$$E_w = \frac{0.7457(Q)(\text{Total lift})}{3960(kW_i)} \quad \text{or} \quad Q = \frac{3960(kW_i)(E_w)}{0.7457(\text{Total lift})}$$

E_w = wire to water efficiency - estimated at 80% for turbine or submersible pumps based on OWRD efficiency factors

Q = discharge rate (gpm)

Total lift = sum of well drawdown, depth to water, and lift to field

kW_i = electrical usage (kW)

Water use = Q * time between electrical readings

Reference: 1989, Handbook of Ground Water Development, Roscoe Moss Company, p. 330

March Well #2

Electric Meter Information		Water Use Calculation Information				Water Use (gallons)
Date	Usage (kW/h)	Hours between readings	kWi	Efficiency Estimate	Total Pump Lift (ft)	
2/27/2012	0	744	0.00	0.8	176	0
1/27/2012	0	720	0.00	0.8	176	0
12/28/2011	0	720	0.00	0.8	176	0
11/28/2011	0	816	0.00	0.8	176	0
10/25/2011	3136	696	4.51	0.8	176	4,541,880
9/26/2011	0	768	0.00	0.8	176	0
8/25/2011	1	696	0.00	0.8	176	1,448
7/27/2011	4011	792	5.06	0.8	176	5,809,146
6/24/2011	10337	720	14.36	0.8	176	14,971,114
5/25/2011	11220	696	16.12	0.8	176	16,249,966
4/26/2011	0	696	0.00	0.8	176	0
3/28/2011	0	744	0.00	0.8	176	0
2/25/2011	0	744	0.00	0.8	176	0
1/25/2011	0	696	0.00	0.8	176	0
12/27/2010	0	816	0.00	0.8	176	0
11/23/2010	0	792	0.00	0.8	176	0
10/21/2010	1	576	0.00	0.8	176	1,448
9/27/2010	0	816	0.00	0.8	176	0
8/24/2010	4475	672	6.66	0.8	176	6,481,159
7/27/2010	0	768	0.00	0.8	176	0
6/25/2010	0	720	0.00	0.8	176	0
5/26/2010	3651	768	4.75	0.8	176	5,287,756
4/24/2010	2690	744	3.62	0.8	176	3,895,937
3/24/2010	0	696	0.00	0.8	176	0
2/23/2010	0	696	0.00	0.8	176	0
1/25/2010	0	792	0.00	0.8	176	0
12/23/2009	0	792	0.00	0.8	176	0
11/20/2009	1806	720	2.51	0.8	176	2,615,636
10/21/2009	0	672	0.00	0.8	176	0
9/23/2009	13687	792	17.28	0.8	176	19,822,931
8/21/2009	1283	672	1.91	0.8	176	1,858,174
7/24/2009	13159	720	18.28	0.8	176	19,058,227
6/24/2009	0	816	0.00	0.8	176	0
5/21/2009	11939	672	17.77	0.8	176	17,291,297
4/23/2009	0	720	0.00	0.8	176	0
3/24/2009	0	672	0.00	0.8	176	0
2/24/2009	0	672	0.00	0.8	176	0
1/27/2009	0	768	0.00	0.8	176	0
12/26/2008	0	744	0.00	0.8	176	0
11/25/2008	5778	792	7.30	0.8	176	8,368,298
10/23/2008	7703	720	10.70	0.8	176	11,156,283
9/23/2008	8218	768	10.70	0.8	176	11,902,159
8/22/2008	7704	720	10.70	0.8	176	11,157,731
7/23/2008	10811	792	13.65	0.8	176	15,657,610
6/20/2008	13429	648	20.72	0.8	176	19,449,269
5/24/2008	0	744	0.00	0.8	176	0
4/23/2008	0	720	0.00	0.8	176	0
3/24/2008	0	744	0.00	0.8	176	0
2/22/2008	0	696	0.00	0.8	176	0
1/24/2008	0	696	0.00	0.8	176	0
12/26/2007	0	840	0.00	0.8	176	0
11/21/2007	6316	696	9.07	0.8	176	9,147,486
10/23/2007	18564	672	27.63	0.8	176	26,886,308
9/25/2007	0	792	0.00	0.8	176	0
8/23/2007	11008	744	14.80	0.8	176	15,942,926
7/23/2007	11361	744	15.27	0.8	176	16,454,177
6/22/2007	39360	720	54.67	0.8	176	57,005,230
5/23/2007	720	672	1.07	0.8	176	1,042,779
4/25/2007	800	696	1.15	0.8	176	1,158,643
3/27/2007	0	792	0.00	0.8	176	0
2/22/2007	0	696	0.00	0.8	176	0
1/24/2007	0					

Notes:

Water use calculation based on Wire to Water Efficiency calculation, where:

$$Ew = \frac{0.7457(Q)(\text{Total lift})}{3960(\text{kWi})} \quad \text{or} \quad Q = \frac{3960(\text{kWi})(Ew)}{0.7457(\text{Total lift})}$$

Ew = wire to water efficiency - estimated at 80% for turbine or submersible pumps based on OWRD efficiency factors

Q = discharge rate (gpm)

Total lift = sum of well drawdown, depth to water, and lift to field

kWi = electrical usage (kW)

Water use= Q* time between electrical readings

Reference: 1989, Handbook of Ground Water Development, Roscoe Moss Company, p. 330

March Well #1

Electric Meter Information		Water Use Calculation Information				Water Use (gallons)
Date	Usage (kW/h)	Hours between readings	kWI	Efficiency Estimate	Total Pump Lift (ft)	
2/29/2012	0	696	0.00	0.8	287	0
1/31/2012	0	768	0.00	0.8	287	0
12/30/2011	0	696	0.00	0.8	287	0
12/1/2011	0	816	0.00	0.8	287	0
10/28/2011	9240	720	12.83	0.8	287	8,206,583
9/28/2011	17800	720	24.72	0.8	287	15,809,218
8/29/2011	32840	744	44.14	0.8	287	29,167,119
7/29/2011	0	744	0.00	0.8	287	0
6/28/2011	0	672	0.00	0.8	287	0
5/31/2011	0	792	0.00	0.8	287	0
4/28/2011	0	696	0.00	0.8	287	0
3/30/2011	0	696	0.00	0.8	287	0
3/1/2011	0	816	0.00	0.8	287	0
1/26/2011	0	720	0.00	0.8	287	0
12/27/2010	0	816	0.00	0.8	287	0
11/23/2010	0	768	0.00	0.8	287	0
10/22/2010	0	600	0.00	0.8	287	0
9/27/2010	80	792	0.10	0.8	287	71,053
8/25/2010	33200	696	47.70	0.8	287	29,486,856
7/27/2010	23280	768	30.31	0.8	287	20,676,325
6/25/2010	0	720	0.00	0.8	287	0
5/26/2010	0	768	0.00	0.8	287	0
4/24/2010	0	744	0.00	0.8	287	0
3/24/2010	0	696	0.00	0.8	287	0
2/23/2010	0	696	0.00	0.8	287	0
1/25/2010	0	792	0.00	0.8	287	0
12/23/2009	0	720	0.00	0.8	287	0
11/23/2009	0	792	0.00	0.8	287	0
10/21/2009	0	672	0.00	0.8	287	0
9/23/2009	36560	792	46.16	0.8	287	32,471,068
8/21/2009	17400	600	29.00	0.8	287	15,453,955
7/27/2009	26280	792	33.18	0.8	287	23,340,800
6/24/2009	0	816	0.00	0.8	287	0
5/21/2009	0	672	0.00	0.8	287	0
4/23/2009	0	720	0.00	0.8	287	0
3/24/2009	0	648	0.00	0.8	287	0
2/25/2009	0	696	0.00	0.8	287	0
1/27/2009	0	768	0.00	0.8	287	0
12/26/2008	0	768	0.00	0.8	287	0
11/24/2008	0	768	0.00	0.8	287	0
10/23/2008	0	744	0.00	0.8	287	0
9/22/2008	30600	672	45.54	0.8	287	27,177,644
8/25/2008	51520	768	67.08	0.8	287	45,757,916
7/24/2008	10520	744	14.14	0.8	287	9,343,425
6/23/2008	0	648	0.00	0.8	287	0
5/27/2008	0	792	0.00	0.8	287	0
4/24/2008	0	744	0.00	0.8	287	0
3/24/2008	0	744	0.00	0.8	287	0
2/22/2008	0	696	0.00	0.8	287	0
1/24/2008	0	696	0.00	0.8	287	0
12/26/2007	0	720	0.00	0.8	287	0
11/26/2007	0	816	0.00	0.8	287	0
10/23/2007	13400	648	20.68	0.8	287	11,901,321
9/26/2007	40920	792	51.67	0.8	287	36,343,438
8/24/2007	30160	768	39.27	0.8	287	26,786,855
7/23/2007	45840	768	59.69	0.8	287	40,713,177
6/21/2007	0	672	0.00	0.8	287	0
5/24/2007	0	720	0.00	0.8	287	0
4/24/2007	0	672	0.00	0.8	287	0
3/27/2007	0	768	0.00	0.8	287	0
2/23/2007	0	720	0.00	0.8	287	0
1/24/2007	0					

Notes:

Water use calculation based on Wire to Water Efficiency calculation, where:

$$Ew = \frac{0.7457(Q)(\text{Total lift})}{3960(\text{kWI})} \quad \text{or} \quad Q = \frac{3960(\text{kWI})(Ew)}{0.7457(\text{Total lift})}$$

Ew = wire to water efficiency - estimated at 80% for turbine or submersible pumps based on OWRD efficiency factors

Q = discharge rate (gpm)

Total lift = sum of well drawdown, depth to water, and lift to field

kWI = electrical usage (kW)

Water use= Q* time between electrical readings

Reference: 1989, Handbook of Ground Water Development, Roscoe Moss Company, p. 330

Williams Well #4

Electric Meter Information		Water Use Calculation Information				Water Use (gallons)
Date	Usage (kW/h)	Hours between readings	kWi	Efficiency Estimate	Total Pump Lift (ft)	
2/27/2012	0	744	0.00	0.8	134	0
1/27/2012	0	720	0.00	0.8	134	0
12/28/2011	0	696	0.00	0.8	134	0
11/29/2011	8331	840	9.92	0.8	134	15,847,641
10/25/2011	4319	696	6.21	0.8	134	8,215,816
9/26/2011	5857	768	7.63	0.8	134	11,141,475
8/25/2011	2018	696	2.90	0.8	134	3,838,740
7/27/2011	7072	792	8.93	0.8	134	13,452,709
6/24/2011	5390	720	7.49	0.8	134	10,253,125
5/25/2011	3152	696	4.53	0.8	134	5,995,890
4/26/2011	10114	696	14.53	0.8	134	19,239,352
3/28/2011	0	744	0.00	0.8	134	0
2/25/2011	0	744	0.00	0.8	134	0
1/25/2011	0	696	0.00	0.8	134	0
12/27/2010	0	816	0.00	0.8	134	0
11/23/2010	0	792	0.00	0.8	134	0
10/21/2010	2985	648	4.61	0.8	134	5,678,215
9/24/2010	0	744	0.00	0.8	134	0
8/24/2010	0	672	0.00	0.8	134	0
7/27/2010	0	768	0.00	0.8	134	0
6/25/2010	0	720	0.00	0.8	134	0
5/26/2010	0	768	0.00	0.8	134	0
4/24/2010	0	744	0.00	0.8	134	0
3/24/2010	0	696	0.00	0.8	134	0
2/23/2010	0	696	0.00	0.8	134	0
1/25/2010	0	792	0.00	0.8	134	0
12/23/2009	0	792	0.00	0.8	134	0
11/20/2009	0	720	0.00	0.8	134	0
10/21/2009	0	672	0.00	0.8	134	0
9/23/2009	0	792	0.00	0.8	134	0
8/21/2009	971	672	1.44	0.8	134	1,847,084
7/24/2009	9134	720	12.69	0.8	134	17,375,147
6/24/2009	227	816	0.28	0.8	134	431,811
5/21/2009	0	672	0.00	0.8	134	0
4/23/2009	0	720	0.00	0.8	134	0
3/24/2009	0	672	0.00	0.8	134	0
2/24/2009	0	672	0.00	0.8	134	0
1/27/2009	0	768	0.00	0.8	134	0
12/26/2008	0	744	0.00	0.8	134	0
11/25/2008	0	792	0.00	0.8	134	0
10/23/2008	0	720	0.00	0.8	134	0
9/23/2008	0	768	0.00	0.8	134	0
8/22/2008	0	720	0.00	0.8	134	0
7/23/2008	1875	792	2.37	0.8	134	3,566,718
6/20/2008	736	648	1.14	0.8	134	1,400,056
5/24/2008	4242	744	5.70	0.8	134	8,069,342
4/23/2008	5057	720	7.02	0.8	134	9,619,676
3/24/2008	0	744	0.00	0.8	134	0
2/22/2008	0	696	0.00	0.8	134	0
1/24/2008	0	696	0.00	0.8	134	0
12/26/2007	0	840	0.00	0.8	134	0
11/21/2007	0	696	0.00	0.8	134	0
10/23/2007	0	672	0.00	0.8	134	0
9/25/2007	0	792	0.00	0.8	134	0
8/23/2007	4231	744	5.69	0.8	134	8,048,418
7/23/2007	1927	744	2.59	0.8	134	3,665,635
6/22/2007	0	720	0.00	0.8	134	0
5/23/2007	0	672	0.00	0.8	134	0
4/25/2007	1460	696	2.10	0.8	134	2,777,284
3/27/2007	0	792	0.00	0.8	134	0
2/22/2007	0	696	0.00	0.8	134	0
1/24/2007	0					

Notes:

Water use calculation based on Wire to Water Efficiency calculation, where:

$$Ew = \frac{0.7457(Q)(\text{Total lift})}{3960(kWi)} \quad \text{or} \quad Q = \frac{3960(kWi)(Ew)}{0.7457(\text{Total lift})}$$

Ew = wire to water efficiency - estimated at 80% for turbine or submersible pumps based on OWRD efficiency factors

Q = discharge rate (gpm)

Total lift = sum of well drawdown, depth to water, and lift to field

kWi = electrical usage (kW)

Water use= Q* time between electrical readings

Reference: 1989, Handbook of Ground Water Development, Roscoe Moss Company, p. 330

Williams Well #4

Electric Meter Information		Water Use Calculation Information				Water Use (gallons)
Date	Usage (kW/h)	Hours between readings	kWI	Efficiency Estimate	Total Pump Lift (ft)	
2/27/2012	0	744	0.00	0.8	134	0
1/27/2012	0	720	0.00	0.8	134	0
12/28/2011	0	696	0.00	0.8	134	0
11/29/2011	8331	840	9.92	0.8	134	15,847,641
10/25/2011	4319	696	6.21	0.8	134	8,215,816
9/26/2011	5857	768	7.63	0.8	134	11,141,475
8/25/2011	2018	696	2.90	0.8	134	3,838,740
7/27/2011	7072	792	8.93	0.8	134	13,452,709
6/24/2011	5390	720	7.49	0.8	134	10,253,125
5/25/2011	3152	696	4.53	0.8	134	5,995,890
4/26/2011	10114	696	14.53	0.8	134	19,239,352
3/28/2011	0	744	0.00	0.8	134	0
2/25/2011	0	744	0.00	0.8	134	0
1/25/2011	0	696	0.00	0.8	134	0
12/27/2010	0	816	0.00	0.8	134	0
11/23/2010	0	792	0.00	0.8	134	0
10/21/2010	2985	648	4.61	0.8	134	5,678,215
9/24/2010	0	744	0.00	0.8	134	0
8/24/2010	0	672	0.00	0.8	134	0
7/27/2010	0	768	0.00	0.8	134	0
6/25/2010	0	720	0.00	0.8	134	0
5/26/2010	0	768	0.00	0.8	134	0
4/24/2010	0	744	0.00	0.8	134	0
3/24/2010	0	696	0.00	0.8	134	0
2/23/2010	0	696	0.00	0.8	134	0
1/25/2010	0	792	0.00	0.8	134	0
12/23/2009	0	792	0.00	0.8	134	0
11/20/2009	0	720	0.00	0.8	134	0
10/21/2009	0	672	0.00	0.8	134	0
9/23/2009	0	792	0.00	0.8	134	0
8/21/2009	971	672	1.44	0.8	134	1,847,084
7/24/2009	9134	720	12.69	0.8	134	17,375,147
6/24/2009	227	816	0.28	0.8	134	431,811
5/21/2009	0	672	0.00	0.8	134	0
4/23/2009	0	720	0.00	0.8	134	0
3/24/2009	0	672	0.00	0.8	134	0
2/24/2009	0	672	0.00	0.8	134	0
1/27/2009	0	768	0.00	0.8	134	0
12/26/2008	0	744	0.00	0.8	134	0
11/25/2008	0	792	0.00	0.8	134	0
10/23/2008	0	720	0.00	0.8	134	0
9/23/2008	0	768	0.00	0.8	134	0
8/22/2008	0	720	0.00	0.8	134	0
7/23/2008	1875	792	2.37	0.8	134	3,566,718
6/20/2008	736	648	1.14	0.8	134	1,400,056
5/24/2008	4242	744	5.70	0.8	134	8,069,342
4/23/2008	5057	720	7.02	0.8	134	9,619,676
3/24/2008	0	744	0.00	0.8	134	0
2/22/2008	0	696	0.00	0.8	134	0
1/24/2008	0	696	0.00	0.8	134	0
12/26/2007	0	840	0.00	0.8	134	0
11/21/2007	0	696	0.00	0.8	134	0
10/23/2007	0	672	0.00	0.8	134	0
9/25/2007	0	792	0.00	0.8	134	0
8/23/2007	4231	744	5.69	0.8	134	8,048,418
7/23/2007	1927	744	2.59	0.8	134	3,665,635
6/22/2007	0	720	0.00	0.8	134	0
5/23/2007	0	672	0.00	0.8	134	0
4/25/2007	1460	696	2.10	0.8	134	2,777,284
3/27/2007	0	792	0.00	0.8	134	0
2/22/2007	0	696	0.00	0.8	134	0
1/24/2007	0					

Notes:

Water use calculation based on Wire to Water Efficiency calculation, where:

$$E_w = \frac{0.7457(Q)(\text{Total lift})}{3960(\text{kWI})} \quad \text{or} \quad Q = \frac{3960(\text{kWI})(E_w)}{0.7457(\text{Total lift})}$$

E_w = wire to water efficiency - estimated at 80% for turbine or submersible pumps based on OWRD efficiency factors

Q = discharge rate (gpm)

Total lift = sum of well drawdown, depth to water, and lift to field

kWI = electrical usage (kW)

Water use = Q * time between electrical readings

Reference: 1989, Handbook of Ground Water Development, Roscoe Moss Company, p. 330

Williams Well #3

Electric Meter Information		Water Use Calculation Information				Water Use (gallons)
Date	Usage (kW/h)	Hours between readings	kWI	Efficiency Estimate	Total Pump Lift (ft)	
2/27/2012	0	744	0.00	0.8	214	0
1/27/2012	0	720	0.00	0.8	214	0
12/28/2011	0	696	0.00	0.8	214	0
11/29/2011	0	840	0.00	0.8	214	0
10/25/2011	0	696	0.00	0.8	214	0
9/26/2011	0	768	0.00	0.8	214	0
8/25/2011	0	696	0.00	0.8	214	0
7/27/2011	80	792	0.10	0.8	214	95,290
6/24/2011	240	720	0.33	0.8	214	285,871
5/25/2011	480	696	0.69	0.8	214	571,742
4/26/2011	3360	696	4.83	0.8	214	4,002,191
3/28/2011	0	744	0.00	0.8	214	0
2/25/2011	0	744	0.00	0.8	214	0
1/25/2011	0	696	0.00	0.8	214	0
12/27/2010	0	816	0.00	0.8	214	0
11/23/2010	0	792	0.00	0.8	214	0
10/21/2010	680	648	1.05	0.8	214	809,967
9/24/2010	51840	744	69.68	0.8	214	61,748,086
8/24/2010	49840	672	74.17	0.8	214	59,365,830
7/27/2010	2640	768	3.44	0.8	214	3,144,578
6/25/2010	320	720	0.44	0.8	214	381,161
5/26/2010	320	768	0.42	0.8	214	381,161
4/24/2010	480	744	0.65	0.8	214	571,742
3/24/2010	0	696	0.00	0.8	214	0
2/23/2010	0	696	0.00	0.8	214	0
1/25/2010	0	792	0.00	0.8	214	0
12/23/2009	0	792	0.00	0.8	214	0
11/20/2009	0	720	0.00	0.8	214	0
10/21/2009	400	672	0.60	0.8	214	476,451
9/23/2009	29640	792	37.42	0.8	214	35,305,040
8/21/2009	28120	672	41.85	0.8	214	33,494,525
7/24/2009	680	720	0.94	0.8	214	809,967
6/24/2009	880	816	1.08	0.8	214	1,048,193
5/21/2009	640	672	0.95	0.8	214	762,322
4/23/2009	360	720	0.50	0.8	214	428,806
3/24/2009	0	672	0.00	0.8	214	0
2/24/2009	0	672	0.00	0.8	214	0
1/27/2009	0	768	0.00	0.8	214	0
12/26/2008	0	744	0.00	0.8	214	0
11/25/2008	400	792	0.51	0.8	214	476,451
10/23/2008	19800	720	27.50	0.8	214	23,584,338
9/23/2008	81600	768	106.25	0.8	214	97,196,061
8/22/2008	79840	720	110.89	0.8	214	95,099,676
7/23/2008	17480	792	22.07	0.8	214	20,820,921
6/20/2008	760	648	1.17	0.8	214	905,257
5/24/2008	920	744	1.24	0.8	214	1,095,838
4/23/2008	480	720	0.67	0.8	214	571,742
3/24/2008	0	744	0.00	0.8	214	0
2/22/2008	0	696	0.00	0.8	214	0
1/24/2008	0	696	0.00	0.8	214	0
12/26/2007	0	840	0.00	0.8	214	0
11/21/2007	0	696	0.00	0.8	214	0
10/23/2007	22520	672	33.51	0.8	214	26,824,207
9/25/2007	55200	792	69.70	0.8	214	65,750,277
8/23/2007	77280	744	103.87	0.8	214	92,050,387
7/23/2007	84240	744	113.23	0.8	214	100,340,640
6/22/2007	39360	720	54.67	0.8	214	46,882,806
5/23/2007	720	672	1.07	0.8	214	857,612
4/25/2007	800	696	1.15	0.8	214	952,903
3/27/2007	0	792	0.00	0.8	214	0
2/22/2007	0	696	0.00	0.8	214	0
1/24/2007	0					

Notes:

Water use calculation based on Wire to Water Efficiency calculation, where:

$$E_w = \frac{0.7457(Q)(\text{Total lift})}{3960(\text{kWh})} \quad \text{or} \quad Q = \frac{3960(\text{kWh})(E_w)}{0.7457(\text{Total lift})}$$

E_w = wire to water efficiency - estimated at 80% for turbine or submersible pumps based on OWRD efficiency factors

Q = discharge rate (gpm)

Total lift = sum of well drawdown, depth to water, and lift to field

kWh = electrical usage (kW)

Water use = Q * time between electrical readings

Reference: 1989, Handbook of Ground Water Development, Roscoe Moss Company, p. 330

Williams Well #1

Electric Meter Information		Water Use Calculation Information				Water Use (gallons)
Date	Usage (kW/h)	Hours between readings	kWi	Efficiency Estimate	Total Pump Lift (ft)	
2/27/2012	0	744	0.00	0.8	198	0
1/27/2012	0	720	0.00	0.8	198	0
12/28/2011	0	696	0.00	0.8	198	0
11/29/2011	45133	840	53.73	0.8	198	58,103,366
10/25/2011	32417	696	46.58	0.8	198	41,733,029
9/26/2011	19408	768	25.27	0.8	198	24,985,490
8/25/2011	35876	696	51.55	0.8	198	46,186,080
7/27/2011	12944	792	16.34	0.8	198	16,663,859
6/24/2011	617	720	0.86	0.8	198	794,314
5/25/2011	0	696	0.00	0.8	198	0
4/26/2011	0	696	0.00	0.8	198	0
3/28/2011	0	744	0.00	0.8	198	0
2/25/2011	0	744	0.00	0.8	198	0
1/25/2011	0	696	0.00	0.8	198	0
12/27/2010	0	816	0.00	0.8	198	0
11/23/2010	0	792	0.00	0.8	198	0
10/21/2010	14995	648	23.14	0.8	198	19,304,278
9/24/2010	24731	744	33.24	0.8	198	31,838,219
8/24/2010	35077	672	52.20	0.8	198	45,157,463
7/27/2010	23472	768	30.56	0.8	198	30,217,406
6/25/2010	0	720	0.00	0.8	198	0
5/26/2010	0	768	0.00	0.8	198	0
4/24/2010	0	744	0.00	0.8	198	0
3/24/2010	0	696	0.00	0.8	198	0
2/23/2010	0	696	0.00	0.8	198	0
1/25/2010	0	792	0.00	0.8	198	0
12/23/2009	0	792	0.00	0.8	198	0
11/20/2009	0	720	0.00	0.8	198	0
10/21/2009	0	672	0.00	0.8	198	0
9/23/2009	20881	792	26.36	0.8	198	26,881,802
8/21/2009	20746	672	30.87	0.8	198	26,708,006
7/24/2009	4380	720	6.08	0.8	198	5,638,729
6/24/2009	0	816	0.00	0.8	198	0
5/21/2009	0	672	0.00	0.8	198	0
4/23/2009	0	720	0.00	0.8	198	0
3/24/2009	0	672	0.00	0.8	198	0
2/24/2009	0	672	0.00	0.8	198	0
1/27/2009	0	768	0.00	0.8	198	0
12/26/2008	0	744	0.00	0.8	198	0
11/25/2008	0	792	0.00	0.8	198	0
10/23/2008	13441	720	18.67	0.8	198	17,303,688
9/23/2008	48742	768	63.47	0.8	198	62,749,524
8/22/2008	42109	720	58.48	0.8	198	54,210,326
7/23/2008	18373	792	23.20	0.8	198	23,653,051
6/20/2008	0	648	0.00	0.8	198	0
5/24/2008	0	744	0.00	0.8	198	0
4/23/2008	0	720	0.00	0.8	198	0
3/24/2008	0	744	0.00	0.8	198	0
2/22/2008	0	696	0.00	0.8	198	0
1/24/2008	0	696	0.00	0.8	198	0
12/26/2007	0	840	0.00	0.8	198	0
11/21/2007	0	696	0.00	0.8	198	0
10/23/2007	6485	672	9.65	0.8	198	8,348,666
9/25/2007	29620	792	37.40	0.8	198	38,132,225
8/23/2007	48480	744	65.16	0.8	198	62,412,230
7/23/2007	6259	744	8.41	0.8	198	8,057,718
6/22/2007	0	720	0.00	0.8	198	0
5/23/2007	0	672	0.00	0.8	198	0
4/25/2007	0	696	0.00	0.8	198	0
3/27/2007	0	792	0.00	0.8	198	0
2/22/2007	0	696	0.00	0.8	198	0
1/24/2007	0					

Notes:

Water use calculation based on Wire to Water Efficiency calculation, where:

$$Ew = \frac{0.7457(Q)(\text{Total lift})}{3960(\text{kWi})} \quad \text{or} \quad Q = \frac{3960(\text{kWi})(Ew)}{0.7457(\text{Total lift})}$$

Ew = wire to water efficiency - estimated at 80% for turbine or submersible pumps based on OWRD efficiency factors

Q = discharge rate (gpm)

Total lift = sum of well drawdown, depth to water, and lift to field

kWi = electrical usage (kW)

Water use= Q* time between electrical readings

Reference: 1989, Handbook of Ground Water Development, Roscoe Moss Company, p. 330

ACCOUNT 8443 RECONCILIATION

32 2:35:36 pm

Cont	Name	Address	Home Phone	Work Phone	Mobile Phone	Cyc
8443	THOMAS O WILLIAMS & ASSOC INC	49654 UMAPINE RD MILTON FRWTR, OR 97862	(541)558-3913	(800)434-3372	(509)301 7143	1

Rdg	Rdg Dt	Rate	Dvc Type	# of Dvc	Mem Nbr	Dep Type	Prov	Srv Loc Nbr	Dep Amt	Dep Dt	Use
9	04/01/2012	430									

Ter	Cur AR	30 Day AR	60 Day AR	90 Day AR	Srv Loc Nbr	S/S	YTD Rev	YTD Usage	Srv Map Loc	Rev Class	Sub	Route	Board Dist	Dist Office
	83.08	80.44	84.90	83.65	J733	1	236.10	0	S01-00-0938	3	S	600	MCCAW	Oregon State

BILLING HISTORY

	Dec 09	Nov 09	Oct 09	Sep 09	Aug 09	Jul 09	Jun 09	May 09	Apr 09	Mar 09	Feb 09	Jan 09
Revenue	76.50	76.50	76.50	75.00	75.00	75.00	75.00	75.00	75.00	75.00	75.00	75.00
Usage	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Net	76.50	76.50	76.50	75.00	75.00	75.00	75.00	75.00	75.00	75.00	75.00	75.00
Usage	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Net	76.50	76.50	76.50	75.00	75.00	75.00	75.00	75.00	75.00	75.00	75.00	75.00
Usage	6.00	-77.28	-77.28	6.00	0.00	-154.55	0.00	-76.13	-77.27	-75.00	-71.09	-69.00
Total Rev:		904.50		Total Dmd:	0.00	Total Dvc:	0.00	Total PCA:	0.00			0.00
Avg Rev:		75.38		Avg Dmd Rev:	0.00	Avg Reporting Rev:	75.38	Total Payment:	-677.60			

USAGE HISTORY

	Dec 09	Nov 09	Oct 09	Sep 09	Aug 09	Jul 09	Jun 09	May 09	Apr 09	Mar 09	Feb 09	Jan 09
Usage	0	0	0	0	0	0	0	0	0	0	0	0
Dmd	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Dmd	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Usage:		0		Total Kw Dmd:	0.000	Total Bill Dmd:	0.000					0.000
Avg Usage:		0		Avg Kw Dmd:	0.000	Avg Bill Dmd:	0.000					0.000

01/09/2002 15:57 0093822736 COLUMBIA REA PAGE 04/07

COLUMBIA REA

March Well #3

Revision: 10386

05/01/2012 2:34:33 pm

ACCOUNT 8443 RECONCILIATION

Page: 1

Account	Name	Address	Home Phone	Work Phone	Mobile Phone	Cyc
8443	THOMAS O WILLIAMS & ASSOC INC	49654 UMAPINE RD MILTON FRWTR, OR 97862	(541)558-3918	(800)434-3372	(509)301-7143	1

Meter	Rdg	Rdg Dt	Rate	Dvc Type	# of Dvc	Mem Nbr	Dep Type	Prov	Srv Loc Nbr	Dep Amt	Dep Dt	Use
17395943	0	04/01/2012	430									

Provider	Cur AR	30 Day AR	60 Day AR	90 Day AR
CREA	88.08	80.44	84.90	83.65

Srv Loc Nbr	S/S	YTD Rev	YTD Usage	Srv Map Loc	Rev Class	Sub	Route	Board	Dist	Dist Office
3735	1	236.10	0	S01-00-0938	3	S	600	MCCAW		Oregon State

BILLING HISTORY

	Dec 07	Nov 07	Oct 07	Sep 07	Aug 07	Jul 07	Jun 07	May 07	Apr 07	Mar 07	Feb 07	Jan 07
Rev:	65.40	65.40	65.40	157.34	954.81	2.39	65.40	65.40	65.40	65.40	65.40	65.40
Dmd:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Dvc:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PCA:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Rev Tot:	65.40	65.40	65.40	157.34	954.81	2.39	65.40	65.40	65.40	65.40	65.40	65.40
Tax:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other:	0.00	0.00	0.00	0.00	0.00	65.40	0.00	0.00	0.00	0.00	0.00	0.00
Total:	65.40	65.40	65.40	157.34	954.81	67.79	65.40	65.40	65.40	65.40	65.40	65.40
Pymnt:	-66.38	-159.70	-970.16	68.81	-66.38	-67.40	-66.40	-66.40	-66.43	-68.72	-221.62	-66.40
Total Rev:		1,703.14		Total Dmd:	0.00	Total Dvc:		0.00	Total PCA:		0.00	
Avg Rev:		141.93		Avg Dmd Rev:	0.00	Avg Reporting Rev:		141.93	Total Payment:		-1,954.80	

USAGE HISTORY

	Dec 07	Nov 07	Oct 07	Sep 07	Aug 07	Jul 07	Jun 07	May 07	Apr 07	Mar 07	Feb 07	Jan 07
Usage:	0	0	0	2512	20260	72	0	0	0	0	0	0
Kw Dmd:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Bill Dmd:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Usage:		22,844		Total Kw Dmd:	0.000	Total Bill Dmd:		0.000		0.000		0.000
Avg Usage:		1,904		Avg Kw Dmd:	0.000	Avg Bill Dmd:		0.000		0.000		0.000

01/09/2002 15:57 5099922736 COLUMBIA REA PAGE 02/07

Date	Demand	Usage (kW/h)
02-23-2010	0	0
01-25-2010	0	0
12-23-2009	0	0
11-23-2009	0	0
10-21-2009	0	0
09-23-2009	64	36560
08-21-2009	63	17400
07-27-2009	64	26280
06-24-2009	0	0
05-21-2009	0	0
04-23-2009	0	0
03-24-2009	0	0
02-25-2009	0	0
01-27-2009	0	0
12-26-2008	0	0
11-24-2008	0	0
10-23-2008	0	0
09-22-2008	63	30600
08-25-2008	63	51520
07-24-2008	64	10520
06-23-2008	0	0
05-27-2008	0	0
04-24-2008	0	0
03-24-2008	0	0
02-22-2008	0	0
01-24-2008	0	0
12-26-2007	0	0
11-26-2007	0	0
10-23-2007	63	13400
09-26-2007	64	40920
08-24-2007	64	30160
07-23-2007	64	45840
06-21-2007	0	0
05-24-2007	0	0
04-24-2007	0	0
03-27-2007	0	0
02-23-2007	0	0
01-24-2007	0	0

Date	Demand	Usage (kW/h)
10-23-2008	71	13441
09-23-2008	74	48742
08-22-2008	75	42109
07-23-2008	76	18373
06-20-2008	0	0
05-24-2008	0	0
04-23-2008	0	0
03-24-2008	0	0
02-22-2008	0	0
01-24-2008	0	0
12-26-2007	0	0
11-21-2007	0	0
10-23-2007	74	6485
09-25-2007	76	29620
08-23-2007	75	48480
07-23-2007	74	6259
06-22-2007	0	0
05-23-2007	0	0
04-25-2007	0	0
03-27-2007	0	0
02-22-2007	0	0
01-24-2007	0	0
02-29-2012	0	0
01-31-2012	0	0
12-30-2011	0	0
12-01-2011	0	0
10-28-2011	68	9240
09-28-2011	68	17800
08-29-2011	64	32840
07-29-2011	0	0
06-28-2011	0	0
05-31-2011	0	0
04-28-2011	0	0
03-30-2011	0	0
03-01-2011	0	0
01-26-2011	0	0
12-27-2010	0	0
11-23-2010	0	0
10-22-2010	0	0
09-27-2010	60	80
08-25-2010	63	33200
07-27-2010	64	23280
06-25-2010	0	0
05-26-2010	0	0
04-24-2010	0	0
03-24-2010	0	0

42463051 023 SNQU S 13PW MRCH

March Unit # 1

Date	Demand	Usage (kW/h)
06-21-2007	18	7399
05-23-2007	17	4207
04-25-2007	18	6518
03-27-2007	0	0
02-22-2007	0	0
01-24-2007	0	0
02-27-2012	0	0
01-27-2012	0	0
12-28-2011	0	0
11-29-2011	72	45133
10-25-2011	72	32417
09-26-2011	73	19408
08-25-2011	73	35876
07-27-2011	75	12944
06-24-2011	73	617
05-25-2011	0	0
04-26-2011	0	0
03-28-2011	0	0
02-25-2011	0	0
01-25-2011	0	0
12-27-2010	0	0
11-23-2010	0	0
10-21-2010	73	14995
09-24-2010	73	24731
08-24-2010	75	35077
07-27-2010	75	23472
06-25-2010	0	0
05-26-2010	0	0
04-24-2010	0	0
03-24-2010	0	0
02-23-2010	0	0
01-25-2010	0	0
12-23-2009	0	0
11-20-2009	0	0
10-21-2009	0	0
09-23-2009	78	20881
08-21-2009	75	20746
07-24-2009	75	4380
06-24-2009	0	0
05-21-2009	0	0
04-23-2009	0	0
03-24-2009	0	0
02-24-2009	0	0
01-27-2009	0	0
12-26-2008	0	0
11-25-2008	0	0

42463051 022 BUROKER .1 S/O SCHUBERT 100 HP

Williams #1

Date	Demand	Usage (kW/h)
05-25-2011	17	11220
04-26-2011	0	0
03-28-2011	0	0
02-25-2011	0	0
01-25-2011	0	0
12-27-2010	0	0
11-23-2010	0	0
10-21-2010	2	1
09-27-2010	0	0
08-24-2010	18	4475
07-27-2010	0	0
06-25-2010	0	0
05-26-2010	17	3651
04-24-2010	16	2690
03-24-2010	0	0
02-23-2010	0	0
01-25-2010	0	0
12-23-2009	0	0
11-20-2009	16	1806
10-21-2009	0	0
09-23-2009	33	13687
08-21-2009	16	1283
07-24-2009	31	13159
06-24-2009	0	0
05-21-2009	18	11939
04-23-2009	0	0
03-24-2009	0	0
02-24-2009	0	0
01-27-2009	0	0
12-26-2008	0	0
11-25-2008	33	5778
10-23-2008	33	7703
09-23-2008	33	8218
08-22-2008	33	7704
07-23-2008	33	10811
06-20-2008	18	13429
05-24-2008	0	0
04-23-2008	0	0
03-24-2008	0	0
02-22-2008	0	0
01-24-2008	0	0
12-26-2007	0	0
11-21-2007	16	6316
10-23-2007	35	18564
09-25-2007	0	0
08-23-2007	34	11008
07-23-2007	34	11361

Date	Demand	Usage (kW/h)
01-25-2010	0	0
12-23-2009	0	0
11-20-2009	61	5825
10-21-2009	0	0
09-23-2009	60	7208
08-21-2009	56	6617
07-24-2009	71	34083
06-24-2009	67	30264
05-21-2009	53	28850
04-23-2009	54	17469
03-24-2009	0	0
02-24-2009	0	0
01-27-2009	0	0
12-26-2008	0	0
11-25-2008	47	12442
10-23-2008	0	0
09-23-2008	0	0
08-22-2008	0	0
07-23-2008	49	15574
06-20-2008	52	21781
05-24-2008	54	28762
04-23-2008	54	20193
03-24-2008	0	0
02-22-2008	0	0
01-24-2008	0	0
12-26-2007	0	0
11-21-2007	34	11508
10-23-2007	53	7191
09-25-2007	0	0
08-23-2007	0	0
07-23-2007	0	0
06-22-2007	54	13022
05-23-2007	54	19593
04-25-2007	54	29290
03-27-2007	0	0
02-22-2007	0	0
01-24-2007	0	0
02-27-2012	0	0
01-27-2012	0	0
12-28-2011	0	0
11-28-2011	0	0
10-25-2011	17	3136
09-26-2011	0	0
08-25-2011	0	1
07-27-2011	17	4011
06-24-2011	17	10337

42463051 021 FRTL SS 16PW MARCH 40 HP

*March Well *2*

Date	Demand	Usage (kW/h)
09-22-2008	0	0
08-25-2008	0	0
07-24-2008	36	19416
06-23-2008	36	3322
05-27-2008	36	10703
04-24-2008	36	18056
03-24-2008	0	0
02-22-2008	0	0
01-24-2008	0	0
12-26-2007	0	0
11-26-2007	36	4937
10-23-2007	36	15357
09-26-2007	0	0
08-24-2007	0	0
07-23-2007	0	0
06-21-2007	36	10846
05-24-2007	36	24818
04-24-2007	36	17911
03-27-2007	0	0
02-23-2007	0	0
01-24-2007	0	0
02-27-2012	0	0
01-27-2012	0	0
12-28-2011	0	0
11-29-2011	67	17318
10-25-2011	0	0
09-26-2011	38	2816
08-25-2011	65	17277
07-27-2011	64	31123
06-24-2011	67	21588
05-25-2011	68	33540
04-26-2011	67	40389
03-28-2011	0	0
02-25-2011	0	0
01-25-2011	0	0
12-27-2010	0	0
11-23-2010	0	0
10-21-2010	0	0
09-24-2010	0	0
08-24-2010	0	0
07-27-2010	38	15857
06-25-2010	69	25964
05-26-2010	67	40443
04-24-2010	63	41777
03-24-2010	0	0
02-23-2010	0	0

42463051 020 SCHUBERT & BURÖKER N DTCH

Date	Demand	Usage (kW/h)
05-23-2007	35	729
04-25-2007	39	36453
03-27-2007	0	0
02-22-2007	0	0
01-24-2007	0	0
02-29-2012	0	0
01-31-2012	0	0
12-30-2011	0	0
12-01-2011	38	8488
10-28-2011	39	18779
09-28-2011	0	0
08-29-2011	0	0
07-29-2011	37	15096
06-28-2011	38	21603
05-31-2011	0	0
04-28-2011	38	18320
03-30-2011	0	0
03-01-2011	0	0
01-26-2011	0	0
12-27-2010	0	0
11-23-2010	0	0
10-22-2010	39	7160
09-27-2010	36	0
08-25-2010	0	0
07-27-2010	36	6603
06-25-2010	36	23698
05-26-2010	35	750
04-24-2010	0	0
03-24-2010	0	0
02-23-2010	0	0
01-25-2010	0	0
12-23-2009	0	0
11-23-2009	0	0
10-21-2009	36	0
09-23-2009	36	0
08-21-2009	36	0
07-27-2009	36	6127
06-24-2009	37	6113
05-21-2009	37	0
04-23-2009	37	6021
03-24-2009	0	0
02-25-2009	0	0
01-27-2009	0	0
12-26-2008	0	0
11-24-2008	0	0
10-23-2008	0	0

42463051 019 MRCH W 4PS SNQU

Date	Demand	Usage (kW/h)
04-26-2011	41	26914
03-28-2011	0	0
02-25-2011	0	0
01-25-2011	0	0
12-27-2010	0	0
11-23-2010	0	0
10-21-2010	42	11702
09-24-2010	0	0
08-24-2010	0	0
07-27-2010	38	4028
06-25-2010	39	14594
05-26-2010	43	24460
04-24-2010	41	8051
03-24-2010	0	0
02-23-2010	0	0
01-25-2010	0	0
12-23-2009	0	0
11-20-2009	38	5198
10-21-2009	39	2755
09-23-2009	34	10521
08-21-2009	41	7105
07-24-2009	35	707
06-24-2009	41	27759
05-21-2009	39	18277
04-23-2009	40	25369
03-24-2009	0	0
02-24-2009	0	0
01-27-2009	0	0
12-26-2008	0	0
11-25-2008	38	8135
10-23-2008	0	0
09-23-2008	0	0
08-22-2008	0	0
07-23-2008	38	10122
06-20-2008	42	10058
05-24-2008	43	14822
04-23-2008	42	23083
03-24-2008	0	0
02-22-2008	0	0
01-24-2008	0	0
12-26-2007	0	0
11-21-2007	36	1366
10-23-2007	41	3919
09-25-2007	0	0
08-23-2007	0	0
07-23-2007	0	0
06-22-2007	37	14079

Date	Demand	Usage (kW/h)
12-23-2009	0	0
11-20-2009	2	0
10-21-2009	62	400
09-23-2009	131	29640
08-21-2009	130	28120
07-24-2009	4	680
06-24-2009	4	880
05-21-2009	1	640
04-23-2009	3	360
03-24-2009	0	0
02-24-2009	0	0
01-27-2009	0	0
12-26-2008	0	0
11-25-2008	2	400
10-23-2008	113	19800
09-23-2008	127	81600
08-22-2008	132	79840
07-23-2008	132	17480
06-20-2008	5	760
05-24-2008	4	920
04-23-2008	4	480
03-24-2008	0	0
02-22-2008	0	0
01-24-2008	0	0
12-26-2007	0	0
11-21-2007	0	0
10-23-2007	109	22520
09-25-2007	129	55200
08-23-2007	130	77280
07-23-2007	131	84240
06-22-2007	130	39360
05-23-2007	4	720
04-25-2007	3	800
03-27-2007	0	0
02-22-2007	0	0
01-24-2007	0	0
02-27-2012	0	0
01-27-2012	0	0
12-28-2011	0	0
11-29-2011	39	21084
10-25-2011	36	10033
09-26-2011	40	12099
08-25-2011	39	9192
07-27-2011	41	23727
06-24-2011	41	17114
05-25-2011	42	8899

42463051 018 BUROKER ES .3N SCHUBERT

Date	Demand	Usage (kW/h)
08-22-2008	50	28115
07-23-2008	50	22102
06-20-2008	0	0
05-24-2008	0	0
04-23-2008	0	0
03-24-2008	0	0
02-22-2008	0	0
01-24-2008	0	0
12-26-2007	0	0
11-21-2007	49	11297
10-23-2007	50	32053
09-25-2007	50	20085
08-23-2007	49	29526
07-23-2007	54	29301
06-22-2007	0	0
05-23-2007	0	0
04-25-2007	0	0
03-27-2007	0	0
02-22-2007	0	0
01-24-2007	0	0
02-27-2012	0	0
01-27-2012	0	0
12-28-2011	0	0
11-29-2011	0	0
10-25-2011	4	0
09-26-2011	3	0
08-25-2011	3	0
07-27-2011	2	80
06-24-2011	3	240
05-25-2011	4	480
04-26-2011	1	3360
03-28-2011	0	0
02-25-2011	0	0
01-25-2011	0	0
12-27-2010	0	0
11-23-2010	0	0
10-21-2010	1	680
09-24-2010	130	51840
08-24-2010	131	49840
07-27-2010	131	2640
06-25-2010	2	320
05-26-2010	3	320
04-24-2010	3	480
03-24-2010	0	0
02-23-2010	0	0
01-25-2010	0	0

42463051 014 SCHUBERT & BUROKER N DITC 150hp

Williams #3

42463051 013 UMPN HY WS 2000' N/O TROYER*
 *account closed and reopened
 on 1-13-10

Williams #7

Date	Demand	Usage (kW/h)
02-22-2007	0	0
01-24-2007	0	0
02-27-2012	0	0
01-27-2012	0	0
12-28-2011	0	0
11-29-2011	18	767
10-25-2011	18	5262
09-26-2011	50	399
08-25-2011	50	20010
07-27-2011	17	4050
06-24-2011	18	5524
05-25-2011	18	5831
04-26-2011	18	7322
03-28-2011	0	0
02-25-2011	0	0
01-25-2011	0	0
12-27-2010	0	0
11-23-2010	0	0
10-21-2010	0	0
09-24-2010	0	0
08-24-2010	0	0
07-27-2010	0	0
06-25-2010	18	4371
05-26-2010	17	2745
04-24-2010	17	3065
03-24-2010	0	0
02-23-2010	0	0
01-25-2010	0	0
01-13-2010	0	0
01-12-2010	0	0
12-23-2009	0	0
11-20-2009	0	0
10-21-2009	0	0
09-23-2009	0	0
08-21-2009	0	0
07-24-2009	16	2166
06-24-2009	18	7234
05-21-2009	18	4951
04-23-2009	51	17892
03-24-2009	0	0
02-24-2009	0	0
01-27-2009	0	0
12-26-2008	0	0
11-25-2008	0	0
10-23-2008	0	0
09-23-2008	49	6871

Date	Demand	Usage (kW/h)
01-25-2011	0	0
12-27-2010	0	0
11-23-2010	0	0
10-21-2010	0	0
09-24-2010	0	0
08-24-2010	3	313
07-27-2010	5	258
06-25-2010	0	0
05-26-2010	3	6
04-24-2010	0	0
03-24-2010	0	0
02-23-2010	0	0
01-25-2010	0	0
12-23-2009	0	0
11-20-2009	0	0
10-21-2009	0	0
09-23-2009	0	0
08-21-2009	0	0
07-24-2009	3	176
06-24-2009	4	534
05-21-2009	5	99
04-23-2009	4	0
03-24-2009	0	0
02-24-2009	0	0
01-27-2009	0	0
12-26-2008	0	0
11-25-2008	4	7
10-23-2008	3	14
09-23-2008	1	20
08-22-2008	4	154
07-23-2008	2	1
06-20-2008	4	100
05-24-2008	4	247
04-23-2008	4	203
03-24-2008	0	0
02-22-2008	0	0
01-24-2008	0	0
12-26-2007	0	0
11-21-2007	35	462
10-23-2007	2	113
09-25-2007	4	339
08-23-2007	4	520
07-23-2007	3	149
06-22-2007	3	114
05-23-2007	2	211
04-25-2007	3	36
03-27-2007	0	0

Date	Demand	Usage (kW/h)		
09-23-2009	0	0		
08-21-2009	13	971		
07-24-2009	16	9134		
06-24-2009	19	227		
05-21-2009	0	0		
04-23-2009	0	0		
03-24-2009	0	0		
02-24-2009	0	0		
01-27-2009	0	0		
12-26-2008	0	0		
11-25-2008	0	0		
10-23-2008	0	0		
09-23-2008	0	0		
08-22-2008	0	0		
07-23-2008	19	1875		
06-20-2008	19	736		
05-24-2008	19	4242		
04-23-2008	19	5057		
03-24-2008	0	0		
02-22-2008	0	0		
01-24-2008	0	0		
12-26-2007	0	0		
11-21-2007	0	0		
10-23-2007	0	0		
09-25-2007	0	0		
08-23-2007	19	4231		
07-23-2007	19	1927		
06-22-2007	0	0		
05-23-2007	0	0		
04-25-2007	20	1460		
03-27-2007	0	0		
02-22-2007	0	0		
01-24-2007	0	0		
42463051 012	TROYER RD 9P W UMPN HY SS	02-27-2012	0	0
		01-27-2012	0	0
		12-28-2011	0	0
		11-29-2011	0	25
		10-25-2011	2	54
		09-26-2011	2	105
		08-25-2011	2	144
		07-27-2011	3	140
		06-24-2011	2	72
		05-25-2011	3	229
		04-26-2011	4	118
		03-28-2011	0	0
		02-25-2011	0	0

Key Brothers Wells 1 and 2 - Combined Meter

Date	Demand	Usage (kW/h)
05-24-2008	0	0
04-23-2008	25	22961
03-24-2008	0	0
02-22-2008	0	0
01-24-2008	0	0
12-26-2007	0	0
11-21-2007	0	0
10-23-2007	14	7420
09-25-2007	14	3678
08-23-2007	24	11547
07-23-2007	24	11488
06-22-2007	10	1752
05-23-2007	10	5611
04-25-2007	25	36386
03-27-2007	0	0
02-22-2007	0	0
01-24-2007	0	0
02-27-2012	0	0
01-27-2012	0	0
12-28-2011	0	0
11-29-2011	13	8331
10-25-2011	19	4319
09-26-2011	19	5857
08-25-2011	19	2018
07-27-2011	19	7072
06-24-2011	14	5390
05-25-2011	19	3152
04-26-2011	14	10114
03-28-2011	0	0
02-25-2011	0	0
01-25-2011	0	0
12-27-2010	0	0
11-23-2010	0	0
10-21-2010	20	2985
09-24-2010	0	0
08-24-2010	0	0
07-27-2010	0	0
06-25-2010	0	0
05-26-2010	0	0
04-24-2010	0	0
03-24-2010	0	0
02-23-2010	0	0
01-25-2010	0	0
12-23-2009	0	0
11-20-2009	0	0
10-21-2009	0	0

42463051 011 SCHUBERT SS 3PE BUROKER PUMP

Williams #4
(Marlath)

Attachment E



Water Solutions, Inc.

June 7, 2012

R. Craig Kohanek
Oregon Water Resources Department
725 Summer Street NE, Suite A
Salem, OR 97301-1266

Re: Supplemental Information for Claim of Beneficial Use Application - Permit G-13697

Mr. Kohanek,

Please find attached supplemental information for a recently submitted claim of beneficial use (COBU) application for Permit G-13697 in the name of T.O. Williams and Associates. The attached information provides a calculation of water use for each point of appropriation based on power records and replaces Attachment E in the COBU. This attachment is intended to meet the water use reporting requirement in the permit.

Please feel free to contact me if you have any questions or need any additional information.

Regards,

A handwritten signature in black ink, appearing to read "Jason Melady", is written over a light gray horizontal line.

Jason Melady, RG, CWRE
GSI Water Solutions, Inc.

Craig Kohanek

From: Jason Melady <JMelady@gsiws.com>
Sent: Tuesday, June 12, 2012 1:57 PM
To: Craig Kohanek
Cc: Ray Williams; Pagel, Martha
Subject: G-13697 Claim of Beneficial Use - Additional Information
Attachments: WaterUse.pdf

Craig,
As we discussed, please find attached the water use calculations for the recently submitted Claim of Beneficial Use report for permit G-13697. Feel free to contact me if you have any questions or need any additional information.

Thanks,
Jason

Jason Melady, RG, CWRE

Senior Hydrogeologist

GSI Water Solutions, Inc.

p: 971-200-8526

m: 503.799.2198

e: jmelady@gsiwatersolutions.com

w: www.gsiwatersolutions.com

STATE OF OREGON

COUNTY OF UMATILLA

PERMIT TO APPROPRIATE THE PUBLIC WATERS

THIS PERMIT IS HEREBY ISSUED TO

T.O. WILLIAMS & ASSOC.

RAY WILLIAMS

49654 UMAPINE ROAD

MILTON FREEWATER, OREGON 97862

(541)558-3918

The specific limits and conditions of the use are listed below.

APPLICATION FILE NUMBER: G-14728

SOURCE OF WATER: TEN WELLS IN SWARTZ SPRING CANYON AND PINE CREEK BASINS

PURPOSE OR USE: IRRIGATION OF 238.4 ACRES, SUPPLEMENTAL IRRIGATION FROM BOTH AQUIFERS OF 33.0 ACRES, SUPPLEMENTAL IRRIGATION FROM THE BASALT AQUIFER OF 91.8 ACRES, SUPPLEMENTAL IRRIGATION FROM THE ALLUVIAL AQUIFER OF 494.4 ACRES, AND SUPPLEMENTAL IRRIGATION TO MAKE UP A DEFICIENCY IN RATE OF 433.0 ACRES FROM THE BASALT AQUIFER, AND SUPPLEMENTAL IRRIGATION TO MAKE UP A DEFICIENCY IN RATE OF 6.4 ACRES FROM THE ALLUVIAL AQUIFER

MAXIMUM RATE: 9.772 CFS, BEING 2.98 CFS FOR IRRIGATION, 0.412 CFS FOR SUPPLEMENTAL IRRIGATION FROM EITHER AQUIFER, AND 1.15 CFS SUPPLEMENTAL IRRIGATION FROM THE BASALT AQUIFER, AND 4.892 CFS FOR SUPPLEMENTAL IRRIGATION FROM THE ALLUVIAL AQUIFER, 0.338 CFS FOR SUPPLEMENTAL IRRIGATION TO MAKE UP A DEFICIENCY IN RATE FROM THE BASALT AQUIFER, AND 0.006 CFS FOR SUPPLEMENTAL IRRIGATION TO MAKE UP A DEFICIENCY IN RATE FROM THE ALLUVIAL AQUIFER. (FOR DEFICIENT RATE FROM THE BASALT AQUIFER DEFICIENCY SEE CERTIFICATES 30636 AND 30638; FOR DEFICIENT RATE FROM THE ALLUVIAL AQUIFER SEE CERTIFICATES 36131 AND 36132 AND PERMIT G-12940) FURTHER LIMITED TO A MAXIMUM RATE OF 4.88 CFS FROM BASALT WELLS: WILLIAMS WELLS 1, 2, 3, & 4; AND 4.892 CFS FROM ALLUVIAL WELLS: MARCH WELLS 1, 2, & 3, KEY BROTHERS WELLS 1 & 2, AND FROM WILLIAMS WELL 7

PERIOD OF USE: MARCH 1 THROUGH OCTOBER 31

DATE OF PRIORITY: APRIL 20, 1998

POINT OF DIVERSION LOCATION: NE 1/4 NE 1/4, SECTION 22, NE 1/4 NW 1/4, SW 1/4 NW 1/4, SW 1/4 SW 1/4, SE 1/4 SW 1/4, SECTION 23, SE 1/4 SW 1/4,

Application G-14728 Water Resources Department

PERMIT G-13697

SECTION 26, SE 1/4 SE 1/4, SECTION 27, NE 1/4 NW 1/4, NW 1/4 NW 1/4, SECTION 35; MARCH 3 - 150 FEET SOUTH & 110 FEET WEST FROM NE CORNER, SECTION 22; MARCH 1 - 650 FEET SOUTH & 90 FEET WEST FROM N1/4 CORNER, SECTION 23; MARCH 2 - 10 FEET NORTH & 350 FEET EAST FROM W1/4 CORNER, SECTION 23; WILLIAMS 7 - 1000 FEET NORTH & 100 FEET EAST; KEY BROS 1 - 260 FEET NORTH & 1230 FEET EAST; KEY BROS 2 - 30 FEET NORTH & 1620 FEET EAST ALL FROM SW CORNER, SECTION 23; WILLIAMS 2 - 240 FEET NORTH & 2530 FEET EAST FROM SW CORNER, SECTION 26; WILLIAMS 3 - 400 FEET NORTH & 100 FEET WEST FROM SE CORNER, SECTION 27; WILLIAMS 4 - 1353 FEET SOUTH & 1650 FEET EAST; WILLIAMS 1 - 760 FEET SOUTH & 40 FEET EAST BOTH FROM NW CORNER, SECTION 35

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.

BASALT WELLS = Williams 1,2,3, and 4

ALLUVIAL WELL = Williams 7; March 1,2, and 3; and Key Brothers 1 and 2

THE PLACE OF USE BY ACRES PER 1/4 1/4 IS LOCATED AS FOLLOWS:

	IRRI- GATION ACRES	SUPPLE- MENTAL ACRES	SUPPLE- MENTAL BASALT ACRES	SUPPLE- MENTAL ALLUVIAL ACRES	SUPPLE- MENTAL FOR A DEFIC- IENCY BASALT	SUPPLE- MENTAL FOR A DEFIC- IENCY ALLUVIAL	TOTAL SUPPLE- MENTAL ACRES
NE 1/4 NE 1/4	24.9						
NW 1/4 NE 1/4	15.0	23.0					23.0
SW 1/4 NE 1/4	15.9	10.0					10.0
SE 1/4 NE 1/4	16.8						
NE 1/4 SE 1/4	20.7						
NW 1/4 SE 1/4	9.1						
SECTION 22							
NE 1/4 NW 1/4	13.4						
NW 1/4 NW 1/4	15.5		1.6				1.6
SW 1/4 NW 1/4	36.7						
NW 1/4 SW 1/4	5.6						

	IRRI- GATION ACRES	SUPPLE- MENTAL ACRES	SUPPLE- MENTAL BASALT ACRES	SUPPLE- MENTAL ALLUVIAL ACRES	SUPPLE- MENTAL FOR A DEFIC- IENCY BASALT	SUPPLE- MENTAL FOR A DEFIC- IENCY ALLUVIAL	TOTAL SUPPLE- MENTAL ACRES
SW 1/4 SW 1/4			37.3				37.3
SE 1/4 SW 1/4			38.4				38.4
SECTION 23							
NE 1/4 NW 1/4	1.6		8.0	34.8	33.2	6.4	39.6
NW 1/4 NW 1/4				39.6	39.6		39.6
SW 1/4 NW 1/4	4.8			29.2	29.2		29.2
SE 1/4 NW 1/4	2.2			32.9	32.9		32.9
NE 1/4 SW 1/4	7.4		3.5	18.7	15.2		18.7
NW 1/4 SW 1/4	4.5		0.4	37.2	36.8		37.2
SW 1/4 SW 1/4	1.0			37.1	37.1		37.1
SE 1/4 SW 1/4	11.8			25.2	25.2		25.2
SW 1/4 SE 1/4	27.5			12.5	12.5		12.5
SECTION 26							
NE 1/4 NE 1/4			2.2	38.0	35.8		38.0
SE 1/4 NE 1/4			0.4	38.8	38.4		38.8
NE 1/4 SE 1/4				36.7			36.7
SE 1/4 SE 1/4				16.6			16.6
SECTION 27							
NW 1/4 NE 1/4	3.5			37.1	37.1		37.1
NE 1/4 NW 1/4				40.6	40.6		40.6
NW 1/4 NW 1/4	0.5			19.4	19.4		19.4
SECTION 35							

TOWNSHIP 6 NORTH, RANGE 34 EAST, W.M.

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, shall keep a complete record of the

Application G-14728 Water Resources Department

PERMIT G-13697

amount of water used each month and shall submit a report which includes the recorded water use measurements to the Department annually or more frequently as may be required by the Director. Further, the Director may require the permittee to report general water use information, including the place and nature of use of water under the permit.

- 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.

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.

The water user shall develop a plan to monitor and report the impact of water use under this permit on water levels within the aquifer that provides water to the permitted well(s). The plan shall be submitted to the Department within one year of the date the permit is issued and shall be subject to the approval of the Department. At a minimum, the plan shall include a program to periodically measure static water levels within the permitted well(s) or an adequate substitute such as water levels in nearby wells. The plan shall also stipulate a reference water level against which any water-level declines will be compared. If a well listed on this permit (or replacement well) displays a total static water-level decline of 25 or more feet over any period of years, as compared to the reference level, then the water user shall discontinue use of, or reduce the rate or volume of withdrawal from, the well(s). Such action shall be taken until the water level recovers to above the 25-foot decline level or until the Department determines, based on the water user's and/or the Department's data and analysis, that no action is necessary because the aquifer in question can sustain the observed declines without adversely impacting the resource or senior water rights. The water user shall in no instance allow excessive decline, as defined in Commission rules, to occur within the aquifer as a result of use under this permit.

For Williams Wells 2,3, and 4 ground water for use under this permit shall be produced from the basalt aquifers only.

Ground water for use under this permit shall be produced from no shallower than 120 feet below land surface, unless information obtained during well construction indicates that a shallower casing and seal will adequately prevent interference with nearby surface water sources.

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.

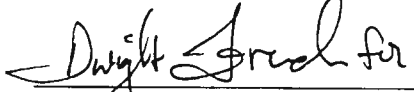
By law, the land use associated with this water use must be in compliance with statewide land-use goals and any local acknowledged land-use plan.

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 well shall begin by April 19, 2000. Complete application of water to the use shall be made on or before October 1, 2003. Within one year after complete application of water to the proposed use, the permittee shall submit a claim of beneficial use, which includes a map and report, prepared by a Certified Water Rights Examiner (CWRE).

Issued July 16, 1999

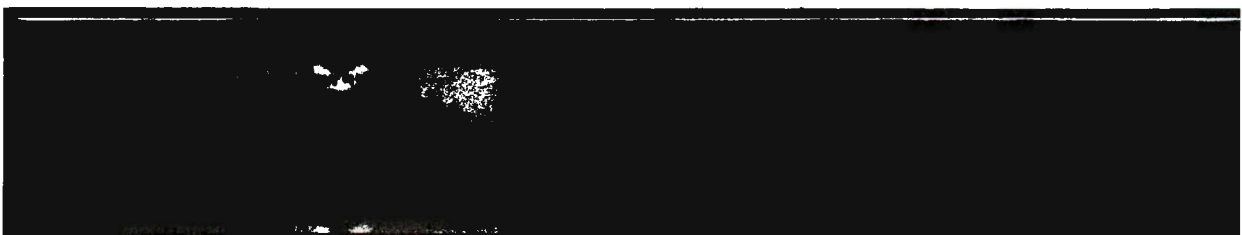


Martha O. Pagel, Director
Water Resources Department

Application G-14728
Basin 7
RWK

Water Resources Department
Volume 2 SPRING BR
MGMT.CODES 7AG 7AR 7BG 7BR

PERMIT G-13697
District 5



Ann's
work copy

STATE OF OREGON
COUNTY OF UMATILLA
CERTIFICATE OF WATER RIGHT

THIS CERTIFICATE ISSUED TO

T.O. WILLIAMS & ASSOCIATES, ^{ok} Inc.
C/O RAY WILLIAMS
49654 UMAPINE RD
MILTON-FREEWATER OR 97862

JOHN C & LINDA K VANDREE
812 GRAND AVENUE
EVERETT WA 98201

← see 7-12-2012 Assignment form
Trustees of the

confirms the right to use the waters of NINE WELLS in the SWARTZ SPRING CANYON AND PINE CREEK BASINS for IRRIGATION of 221.3 ACRES and SUPPLEMENTAL IRRIGATION from the BASALT AQUIFER OF 91.8 ACRES, SUPPLEMENTAL IRRIGATION FROM THE ALLUVIAL AQUIFER OF 494.4 ACRES, SUPPLEMENTAL IRRIGATION FROM BOTH AQUIFERS OF 33.0 ACRES and SUPPLEMENTAL IRRIGATION TO MAKE UP DEFICIENCY IN RATE OF 433.0 ACRES FROM BASALT AQUIFER, AND SUPPLEMENTAL IRRIGATION TO MAKE UP A DEFICIENCY IN RATE OF 6.4 ACRES FROM THE ALLUVIAL AQUIFER.

- move this so follows same order in rate H

MAXIMUM RATE: 9.562 CUBIC FEET PER SECOND (CFS), BEING 2.77 CFS FOR IRRIGATION, 0.412 CFS FOR SUPPLEMENTAL IRRIGATION FROM EITHER AQUIFER, AND 1.15 CFS SUPPLEMENTAL IRRIGATION FROM THE BASALT AQUIFER, AND 4.892 CFS FOR SUPPLEMENTAL IRRIGATION FROM THE ALLUVIAL AQUIFER, 0.338 CFS FOR SUPPLEMENTAL IRRIGATION TO MAKE UP A DEFICIENCY IN RATE FROM THE BASALT AQUIFER, AND 0.006 CFS FOR SUPPLEMENTAL IRRIGATION TO MAKE UP DEFICIENCY IN RATE FROM ALLUVIAL AQUIFER. (FOR DEFICIENT RATE FROM THE BASALT AQUIFER DEFICIENCY SEE CERTIFICATES 30636 AND 30638; FOR DEFICIENT RATE FROM THE ALLUVIAL AQUIFER SEE CERTIFICATES 36431 AND 36432 AND PERMIT G-12940) FURTHER LIMITED TO A MAXIMUM RATE OF 4.67 CFS FROM BASALT WELLS: WILLIAMS WELLS 1, 3, & 4; AND 4.892 FROM ALLUVIAL WELLS MARCH WELLS 1, 2 & 3, KEY BROTHERS WELLS 1 & 2, AND FROM WILLIAMS WELL 7.

494.4 @ 101

221.3 ac @ 180

91.8 ac @ 20th

ok 33 ac @ 180

no change

move?

ok reduced by .21

This right was perfected under Permit G-13697. The date of priority is APRIL 20, 1998. The amount of water to which this right is entitled is limited to an amount actually used beneficially, and shall not exceed 9.562 CUBIC FEET PER SECOND (CFS) measured at the wells. as follows: 2.77 cfs for 1R; 0.412 cfs for 1S, ...

The period of use is March 1 through October 31.

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.

The wells are located as follows:

Twp	Rng	Mer	Sec	Q-Q	Measured Distances
6 N	34 E	WM	22	NE NE	MARCH WELL 3 (UMAT 5378) - ALLUVIAL 150 FEET SOUTH & 110 FEET WEST FROM NE CORNER, SECTION 22
6 N	34 E	WM	23	NE NW	MARCH WELL 1 (UMAT 4113) - ALLUVIAL 650 FEET SOUTH & 90 FEET WEST FROM N 1/4 CORNER, SECTION 23
6 N	34 E	WM	23	SW NW	MARCH WELL 2 (UMAT 5357) - ALLUVIAL 10 FEET NORTH & 850 FEET EAST FROM W 1/4 CORNER, SECTION 23
6 N	34 E	WM	23	SW SW	KEY BROS WELL 1 (UMAT 4121) - ALLUVIAL 260 FEET NORTH & 1230 FEET EAST FROM SW CORNER, SECTION 23
6 N	34 E	WM	23	SW SW	WILLIAMS WELL 7 (UMAT 52037) - ALLUVIAL 1000 FEET NORTH & 100 FEET EAST FROM SW CORNER, SECTION 23
6 N	34 E	WM	23	SE SW	KEY BROS WELL 2 (UMAT 4122) - ALLUVIAL 30 FEET NORTH & 1620 FEET EAST FROM SW CORNER, SECTION 23
6 N	34 E	WM	26	SE SW	WILLIAMS WELL 2 - BASALT 240 FEET NORTH & 2530 FEET EAST FROM SW CORNER, SECTION 26
6 N	34 E	WM	27	SE SE	WILLIAMS WELL 3 (UMAT 53567) - BASALT 400 FEET NORTH & 100 FEET WEST FROM SE CORNER, SECTION 27
6 N	34 E	WM	35	NW NW	WILLIAMS WELL 1 (UMAT 4178) - BASALT 760 FEET SOUTH & 40 FEET EAST FROM NW CORNER, SECTION 35
6 N	34 E	WM	35	SE NW	WILLIAMS WELL 4 (UMAT 4177) - BASALT 1353 FEET SOUTH & 1650 FEET EAST FROM NW CORNER, SECTION 35

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-foot for each acre irrigated during the irrigation season of each year.

BASALT WELLS = Williams 1, 3, and 4

ALLUVIAL WELLS = Williams 7; March 1, 2, and 3; and Key Brothers 1 and 2

The place of use is as follows:

IRRIGATION FROM EITHER AQUIFER					
Twp	Rng	Mer	Sec	Q-Q	Acres
6 N	34 E	WM	22	NE NE	22.6
6 N	34 E	WM	22	NW NE	13.8
6 N	34 E	WM	22	SW NE	15.9
6 N	34 E	WM	22	SE NE	16.8
6 N	34 E	WM	22	NE SE	20.7
6 N	34 E	WM	22	NW SE	9.1
6 N	34 E	WM	23	NE NW	13.4
6 N	34 E	WM	23	NW NW	14.0
6 N	34 E	WM	23	SW NW	35.6
6 N	34 E	WM	23	NW SW	5.6
6 N	34 E	WM	26	NE NW	1.6
6 N	34 E	WM	26	SW NW	2.4
6 N	34 E	WM	26	SE NW	1.4
6 N	34 E	WM	26	NE SW	3.1
6 N	34 E	WM	26	NW SW	3.4
6 N	34 E	WM	26	SW SW	0.9
6 N	34 E	WM	26	SE SW	10.9
6 N	34 E	WM	26	SW SE	26.1
6 N	34 E	WM	35	NW NE	3.5

+ .1 ? = 11.0

IRRIGATION					
Twp	Rng	Mer	Sec	Q-Q	Acres
6 N	34 E	WM	35	NW NW	0.5

2213

SUPPLEMENTAL FROM EITHER AQUIFER					
Twp	Rng	Mer	Sec	Q-Q	Acres
6 N	34 E	WM	22	NW NE	23.0
6 N	34 E	WM	22	SW NE	10.0

33.0

SUPPLEMENTAL BASALT AQUIFER					
Twp	Rng	Mer	Sec	Q-Q	Acres
6 N	34 E	WM	23	NW NW	1.6
6 N	34 E	WM	23	SW SW	37.3
6 N	34 E	WM	23	SE SW	38.4
6 N	34 E	WM	26	NE NW	8.0
6 N	34 E	WM	26	NE SW	3.5
6 N	34 E	WM	26	NW SW	0.4
6 N	34 E	WM	27	NE NE	2.2
6 N	34 E	WM	27	SE NE	0.4

NOT ON MAP

6.4?

15.2
+3.5 for NESW, Sec 26
18.7 ok

91.8

SUPPLEMENTAL ALLUVIAL AQUIFER					
Twp	Rng	Mer	Sec	Q-Q	Acres
6 N	34 E	WM	26	NE NW	34.8
6 N	34 E	WM	26	NW NW	39.6
6 N	34 E	WM	26	SW NW	29.2
6 N	34 E	WM	26	SE NW	32.9
6 N	34 E	WM	26	NE SW	15.2
6 N	34 E	WM	26	NW SW	36.8
6 N	34 E	WM	26	SW SW	37.1
6 N	34 E	WM	26	SE SW	25.2
6 N	34 E	WM	26	SW SE	12.5
6 N	34 E	WM	27	NE NE	35.8
6 N	34 E	WM	27	SE NE	38.4
6 N	34 E	WM	27	NE SE	36.7
6 N	34 E	WM	27	SE SE	16.6
6 N	34 E	WM	35	NW NE	37.1
6 N	34 E	WM	35	NE NW	40.6
6 N	34 E	WM	35	NW NW	15.9

33.2?

19.74

35.0

19.4

484.4



36.8
.4 for NWSW, Sec 26
37.2 ok

35.8
2.2 for NENE, Sec 27
38.0

38.4
.4 for SE NE, Sec 27
38.8

SUPPLEMENTAL FOR A DEFICIENCY BASALT AQUIFER					
Twp	Rng	Mer	Sec	Q-Q	Acres
6 N	34 E	WM	26	NE NW	33.2
6 N	34 E	WM	26	NW NW	39.6
6 N	34 E	WM	26	SW NW	29.2
6 N	34 E	WM	26	SE NW	32.9
6 N	34 E	WM	26	NE SW	15.2
6 N	34 E	WM	26	NW SW	36.8
6 N	34 E	WM	26	SW SW	37.1
6 N	34 E	WM	26	SE SW	25.2
6 N	34 E	WM	26	SW SE	12.5
6 N	34 E	WM	27	NE NE	35.8
6 N	34 E	WM	27	SE NE	38.4
6 N	34 E	WM	35	NW NE	37.1
6 N	34 E	WM	35	NE NW	40.6

Problems:
• NENE, Sec 26
Table nor map reconcile
• NWNW, Sec 23
1.6 Ac Suppl. not on map

SUPPLEMENTAL FOR A DEFICIENCY BASALT					
Twp	Rng	Mer	Sec	Q-Q	Acres
6 N	34 E	WM	35	NW NW	15.9

429.50 (31 1/2 Ac off)

SUPPLEMENTAL FOR A DEFICIENCY ALLUVIAL					
Twp	Rng	Mer	Sec	Q-Q	Acres
6 N	34 E	WM	26	NE NW	6.4

Measurement, recording and reporting conditions:

- A. The water user shall maintain the meter or other measuring device in good working order, shall keep a complete record of the amount of water used each month, and shall submit a report which includes the recorded water use measurements to the Department annually or more frequently as may be required by the Director. Further, the Director may require the water user to report general water use information, including the place and nature of use of water under the right.
- 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.

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 interference.

The Water Resources Department has determined that the March 2007 static water levels in the basalt wells-Williams Wells #1, #3, and #4 and non-basalt wells March Well #1, March Well #2, and Williams Well #7. The table below identifies the reference level below ground surface for each of these six wells.

Static Water Level Reference Levels	
WELL	Below Land Surface
Williams Well #1	60
Williams Well #3	73
Williams Well #4	45
March Well #1	25
March Well #2	45
Williams Well #7	14

For Williams Wells 3 and 4, ground water for use under this permit shall be produced from the basalt aquifers only.

Ground water for use under this right shall be produced from no shallower than 120 feet below land surface, unless information obtained during well construction indicates that a shallower casing and seal will adequately prevent interference with nearby surface water sources.

The works shall be equipped with a usable access port, and may also include an air line and pressure gauge 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.

Issued _____.

Dwight W. French
Administrator, Water Right Services, for
Phillip C. Ward, Director

PROPOSED

Mailing List for Certificate

Scheduled Mailing Date:

Application: G-14728

Permit: G-13697

Certificate: *****

Permit/Certificate Holder:

T.O. WILLIAMS & ASSOCIATES
C/O RAY WILLIAMS
49654 UMAPINE RD
MILTON FREEWATER OR 97862

JOHN C & LINDA K VANDREE
812 GRAND AVENUE
EVERETT WA 98201

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

Copies of Final Certificate to be sent to:

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

Other persons to receive copies: (include map):

1. Jason Melady, CWRE

PROPOSED

Delete

WORK

RECEIVED

JUN 07 2012

WATER RESOURCES DEPT
GAIEN OREGON

Attachment A

Developed place of use by acres per quarter quarter section is as follows:

QQ section	Primary Irrigation Acres	Supplemental Acres	Supplemental Basalt Acres	Supplemental Alluvial Acres	Supplemental for a Deficiency Basalt	Supplemental for a Deficiency Alluvial	Total Supplemental Acres
NE 1/4 NE 1/4	22.6 ✓						
NW 1/4 NE 1/4	13.8 ✓	23.0 ✓					23.0 ✓
SW 1/4 NE 1/4	15.9 ✓	10.0 ✓					10.0 ✓
SE 1/4 NE 1/4	16.8 ✓						
NE 1/4 SE 1/4	20.7 ✓						
NW 1/4 SE 1/4	9.1 ✓						
Section 22							
NE 1/4 NW 1/4	13.4 ✓						
NW 1/4 NW 1/4	14 ✓		1.6 ?				1.6
SW 1/4 NW 1/4	35.6 ✓						
NW 1/4 SW 1/4	5.6 ✓						
SW 1/4 SW 1/4			37.3 ✓				37.3 ✓
SE 1/4 SW 1/4			38.4 ✓				38.4 ✓
Section 23							
NE 1/4 NW 1/4	1.6 ✓		8.0 8.0? S/B 6.4?	34.8 S/B 33.2?	33.2 ✓	6.4 ✓	39.6 ✓
NW 1/4 NW 1/4				39.6	39.6 ✓		39.6 ✓
SW 1/4 NW 1/4	2.4 ✓			29.2	29.2 ✓		29.2 ✓
SE 1/4 NW 1/4	1.4 ✓			32.9	32.9 ✓		32.9
NE 1/4 SW 1/4	3.1 ✓		3.5 ✓	18.7	15.2 ✓		18.7 ✓
NW 1/4 SW 1/4	3.4 ✓		0.4	37.2	36.8		37.2 ✓
SW 1/4 SW 1/4	0.9 ✓			37.1	37.1		37.1 ✓
SE 1/4 SW 1/4	10.9 ✓			25.2	25.2		25.2 ✓
SW 1/4 SE 1/4	26.1 ✓			12.5	12.5		12.5 ✓
Section 26							
NE 1/4 NE 1/4			2.2	38.0	35.8		38.0 ✓
SE 1/4 NE 1/4			0.4	38.8	38.4		38.8 ✓
NE 1/4 SE 1/4				36.7			36.7 ✓
SE 1/4 SE 1/4				16.6			16.6 ✓
Section 27							
NW 1/4 NE 1/4	3.5			37.1 ✓	37.1 ✓		37.1 ✓
NE 1/4 NW 1/4				40.6 ✓	40.6 ✓		40.6 ✓
NW 1/4 NW 1/4	0.5 ✓			19.4	19.4		19.4
Section 35							
Township 6 North, Range 34 East, WM							

∅ on map -

33.2 + 6.4 = 39.6 (as shown on map)

15.2 + 3.5
36.8 + .4

DISAALS -

221.3 33 91.8 494.4 433

RECEIVED

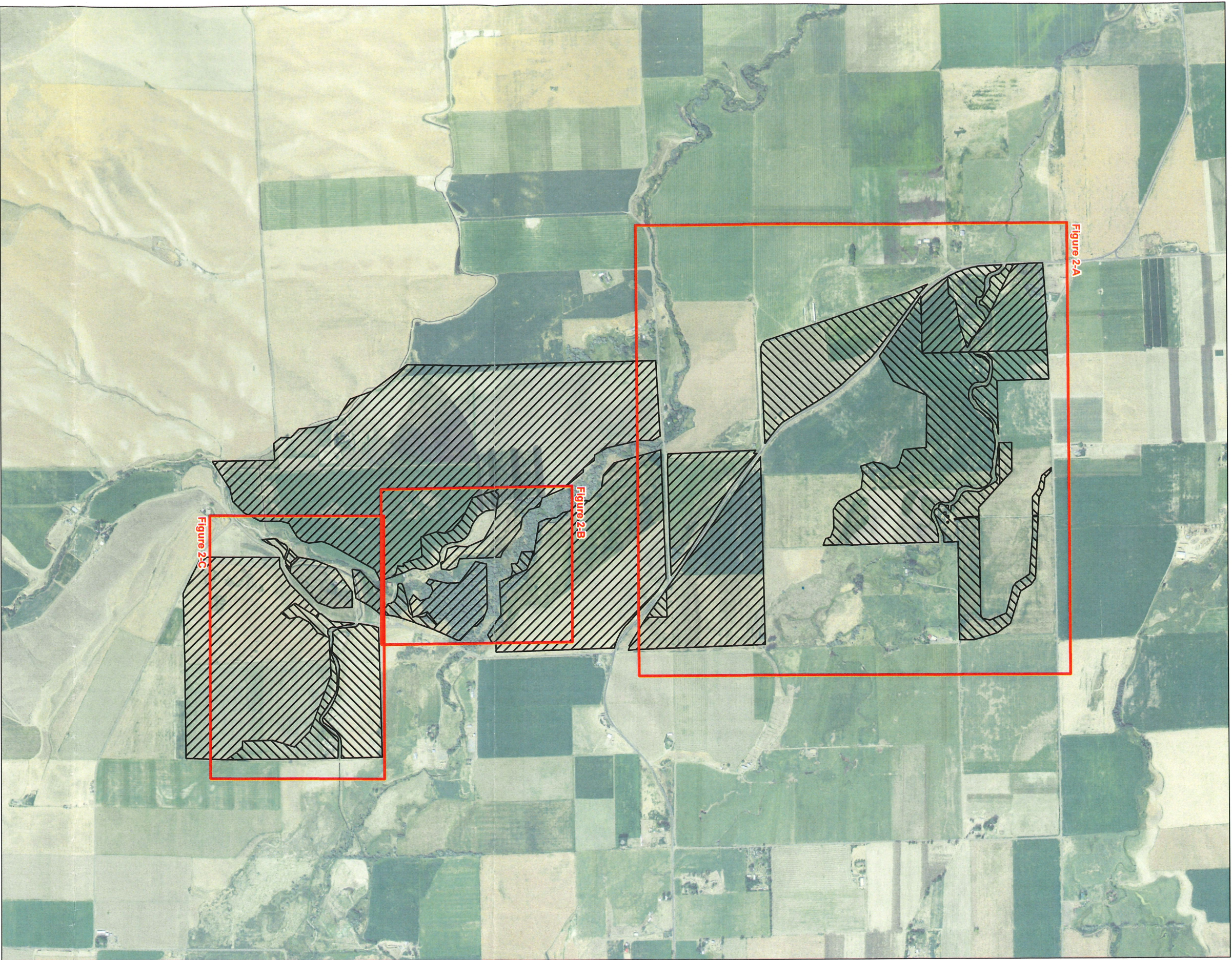
JUN 07 2012

WATER RESOURCES DEPT
CALIFORNIA DECC.COM

Attachment A

Developed place of use by acres per quarter quarter section is as follows:

QQ section	Primary Irrigation Acres	Supplemental Acres	Supplemental Basalt Acres	Supplemental Alluvial Acres	Supplemental for a Deficiency Basalt	Supplemental for a Deficiency Alluvial	Total Supplemental Acres
NE 1/4 NE 1/4	22.6						
NW 1/4 NE 1/4	13.8	23.0					23.0
SW 1/4 NE 1/4	15.9	10.0					10.0
SE 1/4 NE 1/4	16.8						
NE 1/4 SE 1/4	20.7						
NW 1/4 SE 1/4	9.1						
Section 22							
NE 1/4 NW 1/4	13.4						
NW 1/4 NW 1/4	14		1.6				1.6
SW 1/4 NW 1/4	35.6						
NW 1/4 SW 1/4	5.6						
SW 1/4 SW 1/4			37.3				37.3
SE 1/4 SW 1/4			38.4				38.4
Section 23							
NE 1/4 NW 1/4	1.6		8.0	34.8	33.2	6.4	39.6
NW 1/4 NW 1/4				39.6	39.6		39.6
SW 1/4 NW 1/4	2.4			29.2	29.2		29.2
SE 1/4 NW 1/4	1.4			32.9	32.9		32.9
NE 1/4 SW 1/4	3.1		3.5	18.7	15.2		18.7
NW 1/4 SW 1/4	3.4		0.4	37.2	36.8		37.2
SW 1/4 SW 1/4	0.9			37.1	37.1		37.1
SE 1/4 SW 1/4	10.9			25.2	25.2		25.2
SW 1/4 SE 1/4	26.1			12.5	12.5		12.5
Section 26							
NE 1/4 NE 1/4			2.2	38.0	35.8		38.0
SE 1/4 NE 1/4			0.4	38.8	38.4		38.8
NE 1/4 SE 1/4				36.7			36.7
SE 1/4 SE 1/4				16.6			16.6
Section 27							
NW 1/4 NE 1/4	3.5			37.1	37.1		37.1
NE 1/4 NW 1/4				40.6	40.6		40.6
NW 1/4 NW 1/4	0.5			19.4	19.4		19.4
Section 35							
Township 6 North, Range 34 East, WM							



- LEGEND**
-  Primary Place of Use (POU)
 -  Supplemental Place of Use (POU)

FIGURE 2
Aerial Photography Overview
 Township 6N, Range 34E
 Sections 22, 23, 26, 27, 34, 35

RECEIVED

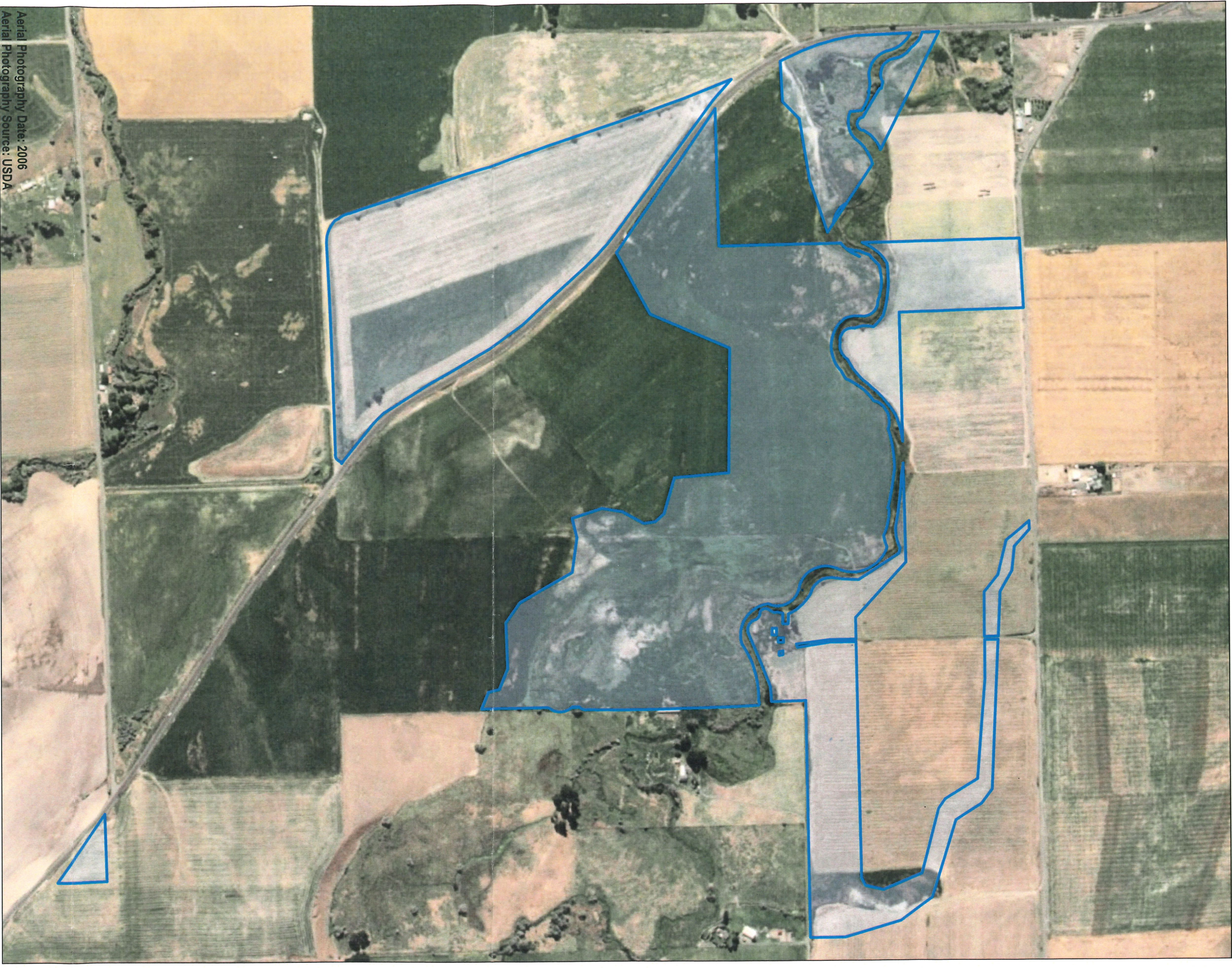
JUN 07 2012

WATER RESOURCES DEPT
SALEM, OREGON

Disclaimer
 This map was prepared for the purpose of identifying the location of a water right only and it is not intended to provide legal dimensions or location of property ownership lines.



MAP NOTES:
 Date: May 23, 2012
 Data Sources: ESRI, OWRD



Aerial Photography Date: 2006
 Aerial Photography Source: USDA

LEGEND
 □ Primary Place of Use (POU)

NOTES:
 Place of use shown includes primary irrigation acres only. The ability to irrigate the supplemental place of use was possible with distribution and irrigation equipment prior to October, 2009. Primary source reliability and application of water on supplemental acres were not necessary and therefore are not shown on this map.

MAP NOTES:
 Date: May 17, 2012
 Data Sources: ESRI, OWRD

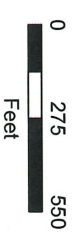
FIGURE 2-A

Aerial Photography Showing Beneficial Use on Primary Acreage
 Township 6N, Range 34E
 Sections 22, 23, 26, 27, 34, 35

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 JUN 07 2012

WATER RESOURCES DEPT
SALEM, OREGON

Disclaimer
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Aerial Photography Date: 2003
 Aerial Photography Source: USDA

LEGEND
 □ Primary Place of Use (POU)

NOTES:
 Place of use shown includes primary irrigation acres only. The ability to irrigate the supplemental place of use was possible with distribution and irrigation equipment prior to October, 2009. Primary source reliability and application of water on supplemental acres were not necessary and therefore are not shown on this map.

FIGURE 2-C

Aerial Photography Showing Beneficial Use on Primary Acreage
 Township 6N, Range 34E
 Sections 22, 23, 26, 27, 34, 35

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WATER RESOURCES DEPT
 SALEM, OREGON



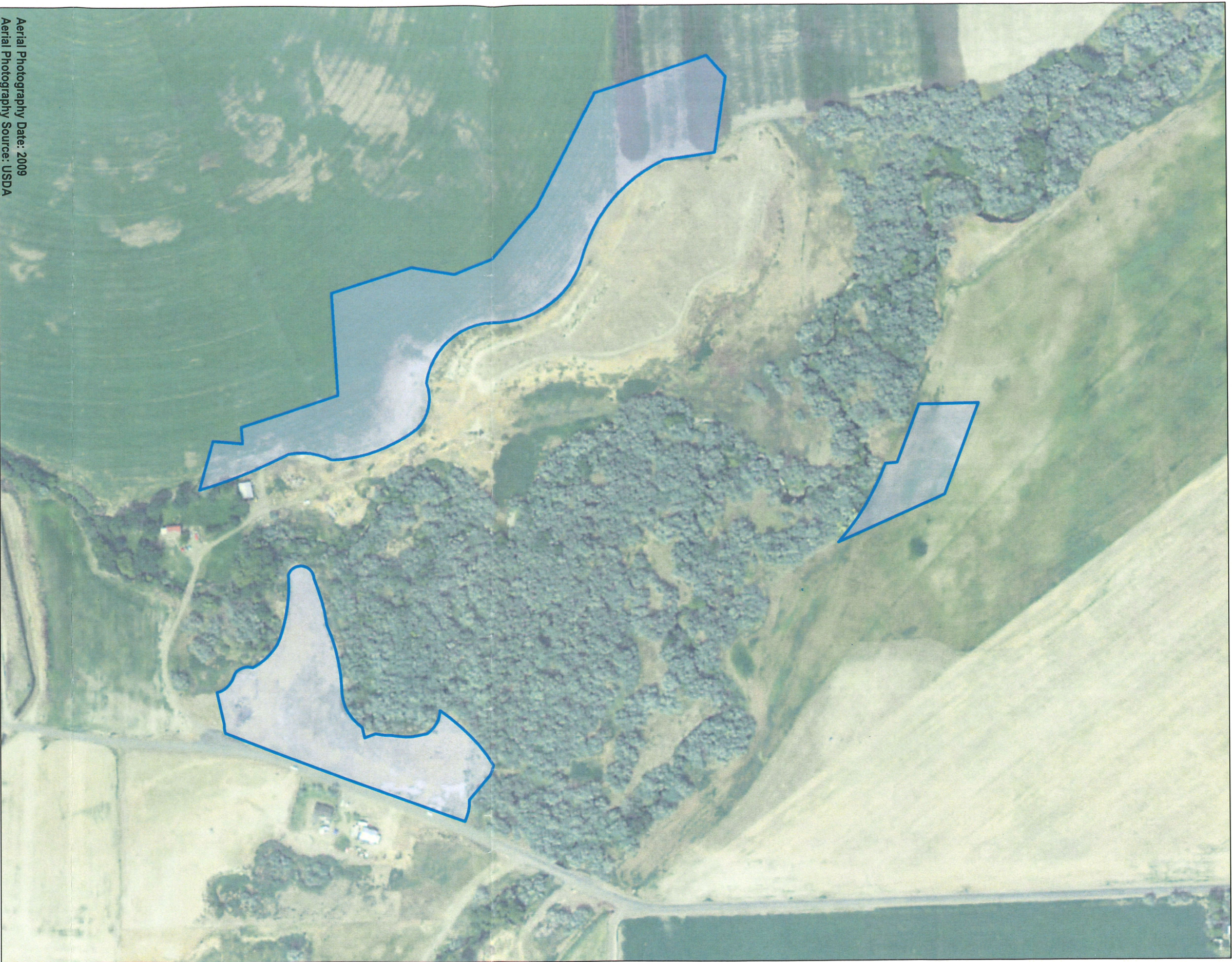
0 175 350
 Feet



Disclaimer
 This map was prepared for the purpose of identifying the location of a water right only and it is not intended to provide legal dimensions or location of property ownership lines.

MAP NOTES:
 Date: May 17, 2012
 Data Sources: ESRI, OWRD

File Path: P:\Portland\W41-Williams\Project_GIS\Project_mxd\figure2C_COBU_PermG13697_LandUse.mxd, Date: May 17, 2012 3:18:42 PM



Aerial Photography Date: 2009
 Aerial Photography Source: USDA

LEGEND
 □ Primary Place of Use (POU)

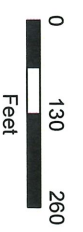
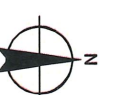
NOTES:
 Place of use shown includes primary irrigation acres only. The ability to irrigate the supplemental place of use was possible with distribution and irrigation equipment prior to October, 2009. Primary source reliability and application of water on supplemental acres were not necessary and therefore are not shown on this map.

FIGURE 2-B
Aerial Photography Showing Beneficial Use on Primary Acreage
 Township 6N, Range 34E
 Sections 22, 23, 26, 27, 34, 35

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JUN 07 2012

WATER RESOURCES DEPT
 SALEM, OREGON



Disclaimer
 This map was prepared for the purpose of identifying the location of a water right only and it is not intended to provide legal dimensions or location of property ownership lines.

MAP NOTES:
 Date: May 23, 2012
 Data Sources: ESRI, OWRD



Equitable Center, 530 Center St., NE, Suite 400, Salem, OR 97301 | Phone 503.540.4262 | Fax 503.399.1645 | www.schwabe.com

SHONEE D. LANGFORD
Direct Line: Salem 503-540-4261; Portland 503-796-2896
E-Mail: slangford@schwabe.com

July 24, 2012

*Return to
Craig K.
After Assignment*

Jerry Sauter
Oregon Water Resources Department
725 Summer St NE Ste A
Salem, OR 97301-1271

Re: Request for Assignment and Ownership Updates
Our File No.: 124632/185578

Dear Jerry:

Enclosed for recording is a Request for Assignment of Permit G-13697. Please deduct the \$75.00 fee from Schwabe, Williamson & Wyatt's account with the Department.

Also enclosed are two Ownership Update forms for Certificates 30636 and 30638. I would appreciate you forwarding them to the appropriate person for filing.

Please let me know if you have any questions.

Sincerely,

Shonee D. Langford

SDL:kdo
Enclosures
cc: Ray Williams (via email; w/encl)

RECEIVED
JUL 24 2012
WATER RESOURCES DEPT
SALEM, OREGON



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, T. O. Williams and Associates / Ray Williams
 (Name of Applicant / Permit / Transfer Holder / License Holder/GR Certificate of Registration)

49654 Umagine Road Milton-Freewater OR 97862 (509) 301-1385
 (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:

RECEIVED

Application # G-14728 ; Permit # G-13697 ; Transfer # _____ JUL 24 2012
 -OR-

License # _____ ; GR Statement # _____ ; GR Certificate of Registration # _____
 WATER RESOURCES DEPT SALEM, OREGON

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

John C. Vandree and Linda K. Vandree, Trustees of the Revocable Living Trust of John C.

(Name of New Owner) Vandree and Linda K. Vandree of September 29, 1998

812 Grand Avenue Everett, WA 98201 425-252-0790
 (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 20th day of July, 2012.

Applicant/Permit Holder T. O. Williams & Assoc. Inc.
Ray Williams

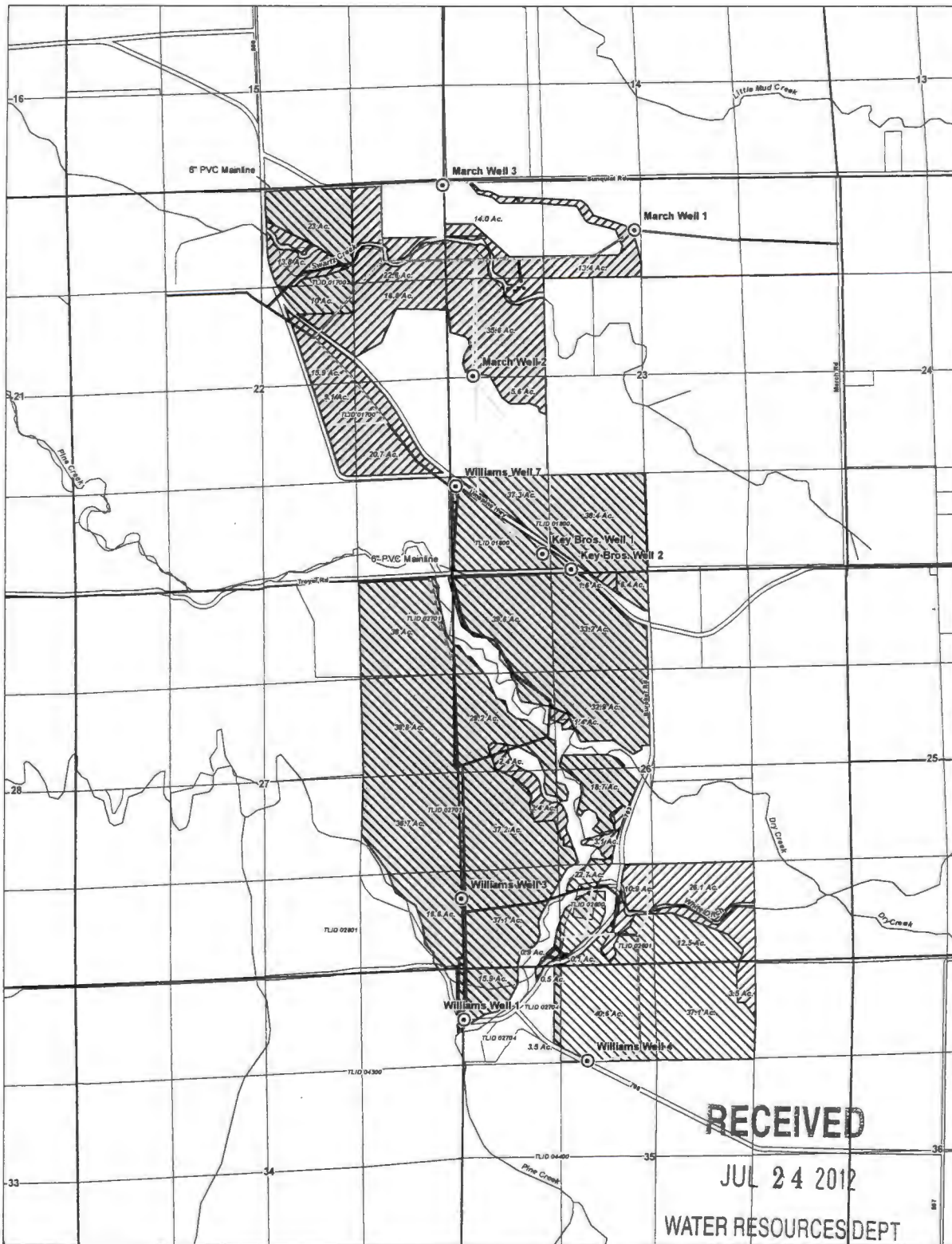
Applicant/Permit Holder _____

ASSIGNMENT APPROVAL 7/24/2012

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 # XXXXXXXX-XXXXXXXX
 For Director by Jerry Sautes, Program Analyst in Water Rights Division
Jerry Sautes

The completed "Request for Assignment" form *must* be submitted to the Department along with the recording fee of \$75.



RECEIVED
 JUL 24 2012
 WATER RESOURCES DEPT
 SALEM, OREGON

- LEGEND**
- ⊙ Point of Appropriation (POA) to be Assigned
 - ⊙ Point of Appropriation (POA) not to be Assigned
 - ▨ Primary Place of Use (POU)
 - ▨ Supplemental Place of Use (POU)
 - ▨ Portion of Permit G-13697 to be Assigned
 - ▨ Portion of Permit G-13697 not to be Assigned
 - ▭ Tax Lot
 - ~ Watercourse
 - ~ Irrigation Distribution System
 - ~ 15" Intake Main
 - ~ 12" PVC
 - ~ 10" PVC
 - ~ 8" PVC
 - ~ 6" PVC

POA Legal Description, to be Assigned:
 Williams Well 4 - Located 1,230 feet South and 1,710 feet East from the Northwest corner of Section 35, Township 6 North, Range 34 East (W.M.).

POA Legal Description, not to be Assigned:
 March Well 1 - Located 650 feet South and 90 feet West from the North quarter corner of Section 23, Township 6 North, Range 34 East (W.M.).
 March Well 2 - Located 10 feet North and 350 feet East from the West quarter corner of Section 23, Township 6 North, Range 34 East (W.M.).
 March Well 3 - Located 60 feet South and 10 feet West from the Northwest corner of Section 23, Township 6 North, Range 34 East (W.M.).
 Key Bros. Well 1 - Located 260 feet North and 1,230 feet East from the Southwest corner of Section 23, Township 6 North, Range 34 East (W.M.).
 Key Bros. Well 2 - Located 30 feet North and 1,620 feet East from the Southwest corner of Section 23, Township 6 North, Range 34 East (W.M.).
 Williams Well 1 - Located 670 feet South and 35 feet East from the Northwest corner of Section 35, Township 6 North, Range 34 East (W.M.).
 Williams Well 3 - Located 970 feet North and 5 feet East from the Southwest corner of Section 28, Township 6 North, Range 34 East (W.M.).
 Williams Well 7 - Located 1,230 feet North and 90 feet East from the Southwest corner of Section 23, Township 6 North, Range 34 East (W.M.).

MAP NOTES:
 Date: July 19, 2012
 Data Source: EBRI, OWRD



FIGURE 1
Assignment Map
 Permit G13697 (Application G14728)
 Township 6N, Range 34E
 Sections 22, 23, 26, 27, 34, 35

Disclaimer
 This map was prepared for the purpose of identifying the location of a water right only and it is not intended to provide legal descriptions or location of property ownership lines.

GSI
 Water Solutions, Inc.



Oregon

John A. Kitzhaber, MD, 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

July 25, 2012

Schwabe, Williamson & Wyatt
Attn: Shonee D. Langford
530 Center Street, Suite 400
Salem, Oregon 97301

Reference: Application G-14728, Permit G-13697

The partial assignment from T.O. Williams and Associates to John C. Vandree and Linda K. Vandree, Trustees of the Revocable living Trust of John C. Vandree and Linda K. Vandree has been recorded in the records of the Water Resources Department.

The Departments records will now show T.O. Williams and Associates, and John C. Vandree and Linda K. Vandree, Trustees of the Revocable living Trust of John C. Vandree and Linda K. Vandree as the permit holders of record.

Our records have been changed accordingly and the original request is enclosed. The recording fee has been charged to your account as you requested.

Please review the permit to be familiar with the conditions and timelines contained in the permit. These conditions and timelines will have to be met before a Certificate of Water Right can be issued.

Sincerely,

Jerry Sauter
Water Rights Program Analyst
Water Right Services Division

Enclosure: Original request

cc: Watermaster 5
T.O. Williams and Associates
John C. Vandree and Linda K. Vandree,
Data Center, OWRD (cover letter & request)
Hydrographics
File



Water Rights Platcard Report

Meridian: Willamette Township: 6 North Range: 34 East Section: 22 **Records per 100 Page:** Search Platcards Maps! Learn about * View Map

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 13425 * Additional Info: RAY WILLIAMS App: G14557 Permit: G13425		6/30/1997	IRRIGATION					1																
Select Permit: G 13697 * Additional Info: T O WILLIAMS & ASSOC.; WILLIAMS, RAY App: G14728 Permit: G13697		4/20/1998	IRRIGATION					24.9	15	15.9	16.8									20.7	9.1			
Select Cert:2431 OR CN Additional Info: J A MARTIN App: S1096 Permit: S520 Cert: 2431		11/26/1910	IRRIGATION	CN														10						
Select Cert:2435 OR CN Additional Info: LOWER HUDSON BAY IRRIGATION CO. App: S1095 Permit: S519 Cert: 2435		11/26/1910	IRRIGATION	CN				15										30	40					
Select Cert:5150 OR CN Additional Info: C G COLLETT App: S8620 Permit: S5673 Cert: 5150		9/7/1922	IRRIGATION	CN						10											13.4			
Select Cert:5515 OR * Additional Info: C G/NELLIE F COLLETT Decree: PINE CREEK, UMATILLA COUNTY, (F) Cert: 5515		12/31/1885	IRRIGATION												40	39					11.6			
Select Cert:5516 OR * Additional Info: W H DENT Decree: PINE CREEK, UMATILLA COUNTY, (F) Cert: 5516		12/31/1885	IRRIGATION						20															
Select Cert:5519 OR CN Additional Info: JOS E HOON Decree: PINE CREEK, UMATILLA COUNTY, (F) Cert: 5519		12/31/1880	IRRIGATION	CN									40	40										
Select Cert:5522 OR * Additional Info: VERONA B KINNEY Decree: PINE CREEK, UMATILLA COUNTY, (F) Cert: 5522		12/31/1885	IRRIGATION														20	40			33	30		
Select Cert:5528 OR * Additional Info: EDWIN MARCH Decree: PINE CREEK, UMATILLA COUNTY, (F) Cert: 5528		12/31/1885	IRRIGATION					10																
Select Cert:6323 OR * Additional Info: HERBERT MARCH		3/2/1922	IRRIGATION						3	10														

Select	Cert:76705 RR CR *	11/26/1910	IRRIGATION		15											14.2						
	Additional Info: LOWER HUDSON BAY IRRIGATION CO. App: S1095 Permit: S519 Cert: 76705																					
Select	Cert:76706 CF *	11/26/1910	IRRIGATION													15.8	40					
	Additional Info: CALVIN N BLESSINGER App: S1095 Permit: S519 Cert: 76706																					
Select	Cert:76707 CF CR *	11/26/1910	IRRIGATION											40								
	Additional Info: THOMAS O WILLIAMS AND ASSOCIATES INC. App: S1095 Permit: S519 Cert: 76707																					
Select	Cert:76708 CF *	9/7/1922	IRRIGATION																		13.4	
	Additional Info: CALVIN N BLESSINGER App: S8620 Permit: S5673 Cert: 76708																					
Select	Inchoate: T 8722 CF (REG) *	6/10/1964	IRRIGATION																		(1)	
	Additional Info: CALVIN BLESSINGER App: S39943 Permit: S29779																					
Select	Cert:39091 OR CN	6/10/1964	IRRIGATION																		1	
	Additional Info: App: S39943 Permit: S29779 Cert: 39091																					
Select	Cert:83953 CF *	3/27/1945	IRRIGATION																		1	
	Additional Info: HUDSON BAY DISTRICT IMPROVEMENT CO. App: S20648 Permit: S16218 Cert: 83953																					
Select	Cert:83954 CF *	12/8/1959	IRRIGATION																		5.8	
	Additional Info: HUDSON BAY DISTRICT IMPROVEMENT CO. App: S33492 Permit: S26499 Cert: 83954																					
Select	Cert:85369 CF CR *	6/10/1985	IRRIGATION																		3.6	
	Additional Info: LINDA DERUWE App: G11329 Permit: G10560 Cert: 85369																					
Select	Cert:83956 OR *	1/11/1988	IRRIGATION																		5.3	
	Additional Info: HUDSON BAY DISTRICT IMPROVEMENT CO. App: S68629 Permit: S53662 Cert: 83956																					
Select	Cert:83988 CF CN	6/10/1985	IRRIGATION																		3.6	
	Additional Info: TIM DERUWE App: G11329 Permit: G10560 Cert: 83988																					
Select	Cert:5520 OR CN	12/31/1880	IRRIGATION, LIVESTOCK AND																		20	
	Additional Info: AND																					

LANE HOON Decree: PINE CREEK, UMATILLA COUNTY, (F) Cert: 5520			DOMESTIC																
Select Cert:54644 CF RR * Additional Info: PHILLIP L HOON Decree: PINE CREEK, UMATILLA COUNTY, (F) Cert: 54644	12/31/1880		IRRIGATION, LIVESTOCK AND DOMESTIC			5	20												
Select Permit: G 12940 * Additional Info: THOMAS O WILLIAMS AND ASSOCIATES INC. App: G13124 Permit: G12940	9/18/1992		SUPPLEMENTAL IRRIGATION (Suppl'mtl)					40	38.9	40	38.6	15.8	40	25.4	33	30			
Select Permit: G 13425 * Additional Info: RAY WILLIAMS App: G14557 Permit: G13425	6/30/1997		SUPPLEMENTAL IRRIGATION (Suppl'mtl)	13										14.9					
Select Permit: G 13697 * Additional Info: T O WILLIAMS & ASSOC.; WILLIAMS, RAY App: G14728 Permit: G13697	4/20/1998		SUPPLEMENTAL IRRIGATION (Suppl'mtl)			23	10												
Select Cert:5150 OR CN Additional Info: C G COLLETT App: S8620 Permit: S5673 Cert: 5150	9/7/1922		SUPPLEMENTAL CN IRRIGATION (Suppl'mtl)							40	38.6			12					
Select Cert:39091 OR CN Additional Info: NEAL BLESSINGER App: S39943 Permit: S29779 Cert: 39091	T8722, T3496	6/10/1964	SUPPLEMENTAL CN IRRIGATION (Suppl'mtl)							40	37.8	15.8	40	25	33	30			
Select Cert:45440 OR * Additional Info: MICHAEL TROYER App: S48058 Permit: S36036 Cert: 45440	3/19/1971		SUPPLEMENTAL IRRIGATION (Suppl'mtl)												4	4			
Select Cert:46357 OR CN Additional Info: HUDSON BAY DISTRICT IMPROVEMENT CO. App: S33492 Permit: S26499 Cert: 46357	12/8/1959		SUPPLEMENTAL CN IRRIGATION (Suppl'mtl)										5.8						
Select Cert:50402 RR CN Additional Info: HUDSON BAY DISTRICT IMPROVEMENT CO. App: S33492 Permit: S26499 Cert: 50402	12/8/1959		SUPPLEMENTAL CN IRRIGATION (Suppl'mtl)										5.8						
Select Cert:54568 OR * Additional Info: PHILLIP L HOON App: G8599 Permit: G7973 Cert: 54568	1/6/1978		SUPPLEMENTAL IRRIGATION (Suppl'mtl)			5	20												
Select Cert:60571 OR * Additional Info: THOMAS O. WILLIAMS & ASSOCIATES, INC. App: G7964 Permit: G8038 Cert: 60571	3/29/1977		SUPPLEMENTAL IRRIGATION (Suppl'mtl)							39.6									
Select Cert:64240 OR * Additional Info:	9/28/1977		SUPPLEMENTAL IRRIGATION (Suppl'mtl)	13															

Select	Cert:83955 CF CN Additional Info: HUDSON BAY DISTRICT IMPROVEMENT CO. App: S57959 Permit: S43973 Cert: 83955	9/28/1978	SUPPLEMENTAL CN IRRIGATION (Suppl'mtl)	10														11.7					
Select	Cert:85239 CF CR CN Additional Info: HUDSON BAY DISTRICT IMPROVEMENT CO. App: S57959 Permit: S43973 Cert: 85239	9/28/1978	SUPPLEMENTAL CN IRRIGATION (Suppl'mtl)	10														11.7					
Select	Cert:85456 CF CR CN Additional Info: HUDSON BAY DISTRICT IMPROVEMENT CO. App: S57959 Permit: S43973 Cert: 85456	9/28/1978	SUPPLEMENTAL CN IRRIGATION (Suppl'mtl)	10														11.7					
Select	Cert:84153 CF CR * Additional Info: TIM DERUWE App: S1096 Permit: S520 Cert: 84153	11/26/1910	SUPPLEMENTAL IRRIGATION (Suppl'mtl)															10					
Select	Cert:85369 CF CR * Additional Info: LINDA DERUWE App: G11329 Permit: G10560 Cert: 85369	6/10/1985	SUPPLEMENTAL IRRIGATION (Suppl'mtl)															10					
Select	Cert:83988 CF CN Additional Info: TIM DERUWE App: G11329 Permit: G10560 Cert: 83988	6/10/1985	SUPPLEMENTAL CN IRRIGATION (Suppl'mtl)															10					
Select	Cert:87556 CF CR * Additional Info: HUDSON BAY DISTRICT IMPROVEMENT COMPANY App: S57959 Permit: S43973 Cert: 87556	9/28/1978	SUPPLEMENTAL IRRIGATION (Suppl'mtl)	10														11.7					

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: Willamette Township: 6 North Range: 34 East Section: 23 Records per 100 Page: Search Platcards Maps! Learn about * View Map

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	Unkown QQ
Select Permit: G 15600 *		9/1/2000	AGRICULTURE USES						*			*												
Additional Info: RAY WILLIAMS App: G15208 Permit: G15600																								
Select Cert:83941 CF CN		2/16/1903	DOMESTIC	CN				*	*			*	*											
Additional Info: HUDSON BAY DISTRICT IMPROVEMENT CO. Decree: WALLA WALLA RIVER Cert: 83941																								
Select Cert:85805 CR *		2/16/1903	DOMESTIC					*	*			*	*											
Additional Info: HUDSON BAY DISTRICT IMPROVEMENT CO. Decree: WALLA WALLA RIVER Cert: 85805																								
Select Permit: G 5654 CN		12/15/1972	IRRIGATION	CN																	2.4	0.7		
Additional Info: ERNEST MULLER App: G5957 Permit: G5654																								
Select Permit: G 13425 *		6/30/1997	IRRIGATION										1.6											
Additional Info: RAY WILLIAMS App: G14557 Permit: G13425																								
Select Permit: G 13697 *		4/20/1998	IRRIGATION									13.4	15.5	36.7			5.6							
Additional Info: T O WILLIAMS & ASSOC.; WILLIAMS, RAY App: G14728 Permit: G13697																								
Select Claim:GR 1132 *		12/31/1916	IRRIGATION					40	40															
Additional Info: EDWIN MARCH Claim: GR1132																								
Select Cert:2435 OR CN		11/26/1910	IRRIGATION	CN									20											
Additional Info: LOWER HUDSON BAY IRRIGATION CO. App: 51095 Permit: 5519 Cert: 2435																								
Select Cert:2451 OR *		10/14/1915	IRRIGATION																		26	9		
Additional Info: LOUIS MUELLER App: 54561 Permit: 52739 Cert: 2451																								
Select Cert:5172 OR *		5/29/1924	IRRIGATION													38								
Additional Info: FIRST NATIONAL BANK OF MILTON FREEWATER App: 59551 Permit: 56319 Cert: 5172																								
Select Cert:5532 OR CN	T8286	12/31/1885	IRRIGATION	CN																			10	
Additional Info: MRS ROSE MCDONNELL Decree: PINE CREEK, UMATILLA COUNTY, (F)																								

Select	Cert:76705 RR CR *		11/26/1910	IRRIGATION					20										
	Additional Info: LOWER HUDSON BAY IRRIGATION CO. App: S1095 Permit: S519 Cert: 76705																		
Select	Inchoate: T 8286 CF (REG) *		12/31/1885	IRRIGATION													(10)		
	Additional Info: T O WILLIAMS AND ASSOCIATES Decree: PINE CREEK, UMATILLA COUNTY, (F)																		
Select	Cert:83910 RR *		6/10/1936	IRRIGATION		6													
	Additional Info: S C WEATHERMON App: S16416 Permit: S12221 Cert: 83910																		
Select	Cert:83955 CF CN		9/28/1978	IRRIGATION	CN				6	2.4									
	Additional Info: HUDSON BAY DISTRICT IMPROVEMENT CO. App: S57959 Permit: S43973 Cert: 83955																		
Select	Cert:85239 CF CR CN		9/28/1978	IRRIGATION	CN				6	2.4									
	Additional Info: HUDSON BAY DISTRICT IMPROVEMENT CO. App: S57959 Permit: S43973 Cert: 85239																		
Select	Cert:85456 CF CR CN		9/28/1978	IRRIGATION	CN				6	2.4									
	Additional Info: HUDSON BAY DISTRICT IMPROVEMENT CO. App: S57959 Permit: S43973 Cert: 85456																		
Select	Cert:83956 OR *		1/11/1988	IRRIGATION													33.5		
	Additional Info: HUDSON BAY DISTRICT IMPROVEMENT CO. App: S68629 Permit: S53662 Cert: 83956																		
Select	Cert:83941 CF CN		2/16/1903	IRRIGATION	CN		21.2	39.3		33.3	17.5								
	Additional Info: HUDSON BAY DISTRICT IMPROVEMENT CO. Decree: WALLA WALLA RIVER Cert: 83941																		
Select	Cert:85805 CR *		2/16/1903	IRRIGATION			21.2	39.3		33.3	17.5								
	Additional Info: HUDSON BAY DISTRICT IMPROVEMENT CO. Decree: WALLA WALLA RIVER Cert: 85805																		
Select	Cert:87556 CF CR *		9/28/1978	IRRIGATION					6	2.4									
	Additional Info: HUDSON BAY DISTRICT IMPROVEMENT COMPANY App: S57959 Permit: S43973 Cert: 87556																		
Select	Cert:13083 CF CN	T5517	2/16/1903	IRRIGATION, LIVESTOCK AND DOMESTIC	CN		16.5	40		5.5									
	Additional Info: CITY OF MILTON FREEWATER AND HUDSON BAY IRRIGATION CO. Decree: WALLA WALLA RIVER Cert: 13083																		
Select	Cert:52576 CF CN	T5517	2/16/1903	IRRIGATION, LIVESTOCK AND DOMESTIC	CN		16.5	40		5.5									
	Additional Info: CITY OF MILTON FREEWATER AND HUDSON BAY IRRIGATION CO. Cert: 52576																		

Select	Cert:67205 RR CN Additional Info: HUDSON BAY IRRIGATION CO. Decree: WALLA WALLA RIVER Cert: 67205	CW23, CW38	2/16/1903	IRRIGATION, LIVESTOCK AND DOMESTIC	CN	16.5	40			5.5										
Select	Inchoate: CW 23 CF (ACW) WD Additional Info: HUDSON BAY IRRIGATION CO. Decree: WALLA WALLA RIVER		2/16/1903	IRRIGATION, LIVESTOCK AND DOMESTIC	WD	16.5	40			5.5										
Select	Cert:83941 CF CN Additional Info: HUDSON BAY DISTRICT IMPROVEMENT CO. Decree: WALLA WALLA RIVER Cert: 83941		2/16/1903	LIVESTOCK	CN	*	*			*	*									
Select	Cert:85805 CR * Additional Info: HUDSON BAY DISTRICT IMPROVEMENT CO. Decree: WALLA WALLA RIVER Cert: 85805		2/16/1903	LIVESTOCK		*	*			*	*									
Select	Permit: G 12940 * Additional Info: THOMAS O WILLIAMS AND ASSOCIATES INC. App: G13124 Permit: G12940		9/18/1992	SUPPLEMENTAL IRRIGATION (Suppl'mtl)									38	40						
Select	Permit: G 13425 * Additional Info: RAY WILLIAMS App: G14557 Permit: G13425		6/30/1997	SUPPLEMENTAL IRRIGATION (Suppl'mtl)		34.8	40			25.6	23.3	5.2		36.5						
Select	Permit: G 13697 * Additional Info: T O WILLIAMS & ASSOC.; WILLIAMS, RAY App: G14728 Permit: G13697		4/20/1998	SUPPLEMENTAL IRRIGATION (Suppl'mtl)						1.6				37.3	38.4					
Select	Cert:36131 OR * Additional Info: KEY BROTHERS INC. App: G2290 Permit: G2583 Cert: 36131		4/10/1962	SUPPLEMENTAL IRRIGATION (Suppl'mtl)										10						
Select	Cert:36132 OR * Additional Info: KEY BROTHERS INC. App: G2983 Permit: G2777 Cert: 36132		10/29/1964	SUPPLEMENTAL IRRIGATION (Suppl'mtl)										35.2	38.4					
Select	Cert:38848 OR * Additional Info: ERNEST MULLER App: G3059 Permit: G2872 Cert: 38848		3/26/1965	SUPPLEMENTAL IRRIGATION (Suppl'mtl)															9	
Select	Cert:40814 OR * Additional Info: ERNEST MULLER App: G5002 Permit: G4720 Cert: 40814		9/22/1969	SUPPLEMENTAL IRRIGATION (Suppl'mtl)													4.8			36.8
Select	Cert:45083 OR * Additional Info: HOWARD L MULLER App: G5811 Permit: G5019 Cert: 45083		5/30/1972	SUPPLEMENTAL IRRIGATION (Suppl'mtl)				40							40	26	38.4		40	
Select	Cert:63676 OR * Additional Info:		7/23/1974	SUPPLEMENTAL IRRIGATION (Suppl'mtl)				40											9	

HOWARD L MULLER
App: G6607
Permit: G9939
Cert: 63676

Select Cert:64240 OR * Additional Info: COUSE CREEK RANCHES INC. App: G8472 Permit: G7875 Cert: 64240	9/28/1977	SUPPLEMENTAL IRRIGATION (Suppl'mtl)	20	40			5.5	18.8										
Select Cert:83956 OR * Additional Info: HUDSON BAY DISTRICT IMPROVEMENT CO. App: S68629 Permit: S53662 Cert: 83956	1/11/1988	SUPPLEMENTAL IRRIGATION (Suppl'mtl)	15															

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: Willamette Township: 6 North Range: 34 East Section: 26 Records per Page: 100 Search

Platcards Maps! Learn about * View Map

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 Cert:83941 CF CN Additional Info: HUDSON BAY DISTRICT IMPROVEMENT CO. Decree: WALLA WALLA RIVER Cert: 83941		2/16/1903	DOMESTIC	CN															*	*	*			
Select Cert:85805 CR * Additional Info: HUDSON BAY DISTRICT IMPROVEMENT CO. Decree: WALLA WALLA RIVER Cert: 85805		2/16/1903	DOMESTIC																*	*	*			*
Select Inchoate: T 7920 CF (REG) * Additional Info: DON M MARLATT App: G2293 Permit: G2115		4/17/1962	IRRIGATION					(33.4)	(17.6)															
Select Permit: G 13697 * Additional Info: T O WILLIAMS & ASSOC.; WILLIAMS, RAY App: G14728 Permit: G13697		4/20/1998	IRRIGATION									1.6	4.8	2.2	7.4	4.5	1	11.8					27.5	
Select Cert:5514 OR CN Additional Info: W E BRUNHAM Decree: PINE CREEK, UMATILLA COUNTY, (F) Cert: 5514		12/31/1895	IRRIGATION	CN															3-4	24			1	
Select Cert:5514 OR CN Additional Info: W E BRUNHAM Decree: PINE CREEK, UMATILLA COUNTY, (F) Cert: 5514		12/31/1896	IRRIGATION	CN							40								10	2				
Select Cert:5521 OR CN Additional Info: J D KELLEY Decree: PINE CREEK, UMATILLA COUNTY, (F) Cert: 5521		12/31/1861	IRRIGATION	CN									24-5	7	37-8	36-5								
Select Cert:5523 OR * Additional Info: CATHERINE I KENOYER Decree: PINE CREEK, UMATILLA COUNTY, (F) Cert: 5523		12/31/1896	IRRIGATION					37																
Select Cert:5530 OR CN Additional Info: J M MARLATT Decree: PINE CREEK, UMATILLA COUNTY, (F) Cert: 5530		12/31/1896	IRRIGATION	CN					7	20														
Select Cert:5532 OR CN Additional Info: MRS ROSE MCDONNELL Decree: PINE CREEK, UMATILLA COUNTY, (F) Cert: 5532	T8286	12/31/1861	IRRIGATION	CN								3												
Select Cert:5532 OR CN Additional Info: MRS ROSE MCDONNELL Decree: PINE CREEK, UMATILLA COUNTY, (F) Cert: 5532	T8286	12/31/1885	IRRIGATION	CN								3-9	32-8	2										

Select	Cert:7967 OR *	12/3/1927	IRRIGATION					15			10								
	Additional Info: JOHN KELLY App: S11868 Permit: S8252 Cert: 7967																		
Select	Cert:30636 OR *	3/7/1949	IRRIGATION					14.3	3.8	4.7	20.9	8.2	0.5	3.4					
	Additional Info: DOROTHY KELLY COCKBURN App: U294 Permit: U269 Cert: 30636																		
Select	Cert:30637 OR *	8/15/1956	IRRIGATION															5.8	
	Additional Info: MERRILL A BUROKER App: G178 Permit: G322 Cert: 30637																		
Select	Cert:30638 OR *	12/4/1956	IRRIGATION										0.1	21.8				12.5	
	Additional Info: L.M. MARLATT App: G520 Permit: G464 Cert: 30638																		
Select	Cert:32156 RR *	12/31/1896	IRRIGATION	7	20														
	Additional Info: L.M./LOWELL MARLATT Decree: PINE CREEK, UMATILLA COUNTY, (F) Cert: 32156																		
Select	Cert:32697 OR CN	4/17/1962	IRRIGATION	CN	33.4	17.6													
	Additional Info: L M/LOWELL W MARLATT App: G2293 Permit: G2115 Cert: 32697																		
Select	Cert:36131 OR *	4/10/1962	IRRIGATION					6.4											
	Additional Info: KEY BROTHERS INC. App: G2290 Permit: G2583 Cert: 36131																		
Select	Cert:38841 OR *	4/8/1963	IRRIGATION		1.8														
	Additional Info: RALPH FRANKLIN App: G2586 Permit: G2437 Cert: 38841																		
Select	Cert:58942 RR *	12/31/1895	IRRIGATION											3.4	24			1	
	Additional Info: ARLEN L BUROKER Decree: PINE CREEK, UMATILLA COUNTY, (F) Cert: 58942																		
Select	Cert:66888 OR *	11/10/1980	IRRIGATION						1.8	15.5		3.5	37.2	37.3	1.5				
	Additional Info: ROY D WALLACE App: S60981 Permit: S45339 Cert: 66888																		
Select	Cert:72188 CF *	12/31/1896	IRRIGATION			40									10	2			
	Additional Info: ARLEN L BUROKER Decree: PINE CREEK, UMATILLA COUNTY, (F) Cert: 72188																		
Select	App: G 16076 WD	8/15/2003	IRRIGATION	WD											0.1				
	Additional Info: ARLEN BUROKER App: G16076																		

Additional Info: T O WILLIAMS & ASSOC.; WILLIAMS, RAY App: G14728 Permit: G13697		(Suppl'mtl)																				
Select Cert:5530 OR CN	12/31/1906	SUPPLEMENTAL CN IRRIGATION (Suppl'mtl)	7	20																		
Additional Info: J M MARLATT Decree: PINE CREEK, UMATILLA COUNTY, (F) Cert: 5530																						
Select Cert:28962 OR *	10/17/1957	SUPPLEMENTAL IRRIGATION (Suppl'mtl)							40													
Additional Info: M A BUROKER App: G788 Permit: G705 Cert: 28962																						
Select Cert:30636 OR *	3/7/1949	SUPPLEMENTAL IRRIGATION (Suppl'mtl)								18.9	35.8	24.5	12	7	36.8	36.5						
Additional Info: DOROTHY KELLY COCKBURN App: U294 Permit: U269 Cert: 30636																						
Select Cert:32697 OR CN	4/17/1962	SUPPLEMENTAL CN IRRIGATION (Suppl'mtl)	7	20																		
Additional Info: L M/LOWELL W MARLATT App: G2293 Permit: G2115 Cert: 32697																						
Select Cert:36132 OR *	10/29/1964	SUPPLEMENTAL IRRIGATION (Suppl'mtl)								6.4												
Additional Info: KEY BROTHERS INC. App: G2983 Permit: G2777 Cert: 36132																						
Select Cert:38841 OR *	4/8/1963	SUPPLEMENTAL IRRIGATION (Suppl'mtl)	37																			
Additional Info: RALPH FRANKLIN App: G2586 Permit: G2437 Cert: 38841																						
Select Cert:75844 RR *	4/17/1962	SUPPLEMENTAL IRRIGATION (Suppl'mtl)	7																			
Additional Info: L M MARLATT App: G2293 Permit: G2115 Cert: 75844																						
Select App: G 16076 WD	8/15/2003	SUPPLEMENTAL WD IRRIGATION (Suppl'mtl)																			10	
Additional Info: ARLEN BUROKER App: G16076																						

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: Willamette Township: 6 North Range: 34 East Section: 27 Records per Page: 100 Search Platcards Maps! Learn about * View Map

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	Unkown QQ
Select Cert:83941 CF CN Additional Info: HUDSON BAY DISTRICT IMPROVEMENT CO. Decree: WALLA WALLA RIVER Cert: 83941		2/16/1903	DOMESTIC	CN								*	*	*	*	*								
Select Cert:85805 CR * Additional Info: HUDSON BAY DISTRICT IMPROVEMENT CO. Decree: WALLA WALLA RIVER Cert: 85805		2/16/1903	DOMESTIC									*	*	*	*	*								
Select Cert:2810 OR * Additional Info: ROBERT WRIGHT App: E131 Permit: E9 Cert: 2810		6/7/1909	IRRIGATION																	40	38	32	35	
Select Cert:5521 OR CN Additional Info: J D KELLEY Decree: PINE CREEK, UMATILLA COUNTY, (F) Cert: 5521		12/31/1861	IRRIGATION	CN																				
Select Cert:5529 OR CN Additional Info: F E MARCH Decree: PINE CREEK, UMATILLA COUNTY, (F) Cert: 5529		12/31/1900	IRRIGATION	CN																				
Select Cert:5532 OR CN Additional Info: MRS ROSE MCDONNELL Decree: PINE CREEK, UMATILLA COUNTY, (F) Cert: 5532	T8286	12/31/1861	IRRIGATION	CN																				
Select Cert:5532 OR CN Additional Info: MRS ROSE MCDONNELL Decree: PINE CREEK, UMATILLA COUNTY, (F) Cert: 5532	T8286	12/31/1885	IRRIGATION	CN																				
Select Cert:5533 OR CN Additional Info: MRS HANNAH E NIETERT Decree: PINE CREEK, UMATILLA COUNTY, (F) Cert: 5533		12/31/1903	IRRIGATION	CN																				
Select Cert:5541 OR CN Additional Info: ROBERT WRIGHTS Decree: PINE CREEK, UMATILLA COUNTY, (F) Cert: 5541	T8286	12/31/1861	IRRIGATION	CN																				
Select Cert:21195 OR * Additional Info: CECIL BRYANT App: S23526 Permit: S18637 Cert: 21195		11/15/1948	IRRIGATION																	35			40	
Select Cert:27021 OR CN Additional Info: HUDSON BAY DISTRICT IMPROVEMENT CO. App: S20648		3/27/1945	IRRIGATION	CN																				

Cert: 13083																		
Select	Cert:52576 CF CN	T5517	2/16/1903	IRRIGATION, LIVESTOCK AND DOMESTIC	CN			32	32	34	32	5						
Additional Info: CITY OF MILTON FREEWATER AND HUDSON BAY IRRIGATION CO. Cert: 52576																		
Select	Cert:67205 RR CN	CW23, CW38	2/16/1903	IRRIGATION, LIVESTOCK AND DOMESTIC	CN			32	32	34	32	5						
Additional Info: HUDSON BAY IRRIGATION CO. Decree: WALLA WALLA RIVER Cert: 67205																		
Select	Inchoate: CW 23 CF (ACW) WD		2/16/1903	IRRIGATION, LIVESTOCK AND DOMESTIC	WD			32	32	34	32	5						
Additional Info: HUDSON BAY IRRIGATION CO. Decree: WALLA WALLA RIVER																		
Select	Cert:83941 CF CN		2/16/1903	LIVESTOCK	CN			*	*	*	*	*						
Additional Info: HUDSON BAY DISTRICT IMPROVEMENT CO. Decree: WALLA WALLA RIVER Cert: 83941																		
Select	Cert:85805 CR *		2/16/1903	LIVESTOCK				*	*	*	*	*						
Additional Info: HUDSON BAY DISTRICT IMPROVEMENT CO. Decree: WALLA WALLA RIVER Cert: 85805																		
Select	Permit: G 12728 *		9/18/1992	SUPPLEMENTAL IRRIGATION (Suppl'mtl)											36.7		16.6	
Additional Info: THOMAS O WILLIAMS AND ASSOCIATES INC. App: G13125 Permit: G12728																		
Select	Permit: G 13697 *		4/20/1998	SUPPLEMENTAL IRRIGATION (Suppl'mtl)		38		38.8							36.7		16.6	
Additional Info: T O WILLIAMS & ASSOC.; WILLIAMS, RAY App: G14728 Permit: G13697																		
Select	Cert:27021 OR CN		3/27/1945	SUPPLEMENTAL IRRIGATION (Suppl'mtl)	CN					7								
Additional Info: HUDSON BAY DISTRICT IMPROVEMENT CO. App: S20648 Permit: S16218 Cert: 27021																		
Select	Cert:30636 OR *		3/7/1949	SUPPLEMENTAL IRRIGATION (Suppl'mtl)		35.8		34.7										
Additional Info: DOROTHY KELLY COCKBURN App: U294 Permit: U269 Cert: 30636																		
Select	Cert:45821 OR *		4/22/1974	SUPPLEMENTAL IRRIGATION (Suppl'mtl)		35	35											
Additional Info: ROBERT D SCHUBERT App: G6507 Permit: G6120 Cert: 45821																		
Select	Cert:46357 OR CN		12/8/1959	SUPPLEMENTAL IRRIGATION (Suppl'mtl)	CN	5.1	15.9					35			8.2	8		
Additional Info: HUDSON BAY DISTRICT IMPROVEMENT CO. App: S33492 Permit: S26499 Cert: 46357																		
Select	Cert:50402 RR CN		12/8/1959	SUPPLEMENTAL IRRIGATION (Suppl'mtl)	CN	5.1	15.9					35			8.2	8		
Additional Info: HUDSON BAY DISTRICT IMPROVEMENT CO. App: S33492 Permit: S26499 Cert: 50402																		
Select	Cert:65975 OR CN		6/10/1985	SUPPLEMENTAL IRRIGATION	CN			32.2				36.4	39.7	49				

Select	Cert:83954 CF *	12/8/1959	IRRIGATION			4				5.7	34						7.8		
	Additional Info: HUDSON BAY DISTRICT IMPROVEMENT CO. App: 533492 Permit: 526499 Cert: 83954																		
Select	Cert:83955 CF CN	9/28/1978	IRRIGATION	CN					3.9										
	Additional Info: HUDSON BAY DISTRICT IMPROVEMENT CO. App: 557959 Permit: 543973 Cert: 83955																		
Select	Cert:85239 CF CR CN	9/28/1978	IRRIGATION	CN					3.9										
	Additional Info: HUDSON BAY DISTRICT IMPROVEMENT CO. App: 557959 Permit: 543973 Cert: 85239																		
Select	Cert:85456 CF CR CN	9/28/1978	IRRIGATION	CN					3.9										
	Additional Info: HUDSON BAY DISTRICT IMPROVEMENT CO. App: 557959 Permit: 543973 Cert: 85456																		
Select	Cert:85369 CF CR *	6/10/1985	IRRIGATION									1.4	1.1						
	Additional Info: LINDA DERUWE App: G11329 Permit: G10560 Cert: 85369																		
Select	Cert:83941 CF CN	2/16/1903	IRRIGATION	CN					32	32.1	35.2	32.4	5.5						
	Additional Info: HUDSON BAY DISTRICT IMPROVEMENT CO. Decree: WALLA WALLA RIVER Cert: 83941																		
Select	Cert:83985 CF *	12/31/1903	IRRIGATION						32.2		36.4	3							
	Additional Info: MRS HANNAH E NIETERT Decree: PINE CREEK, UMATILLA COUNTY, (F) Cert: 83985																		
Select	Cert:83988 CF CN	6/10/1985	IRRIGATION	CN								1.4	1.1						
	Additional Info: TIM DERUWE App: G11329 Permit: G10560 Cert: 83988																		
Select	Cert:85805 CR *	2/16/1903	IRRIGATION						32	32.1	35.2	32.4	5.5						
	Additional Info: HUDSON BAY DISTRICT IMPROVEMENT CO. Decree: WALLA WALLA RIVER Cert: 85805																		
Select	Cert:87556 CF CR *	9/28/1978	IRRIGATION						3.9										
	Additional Info: HUDSON BAY DISTRICT IMPROVEMENT COMPANY App: 557959 Permit: 543973 Cert: 87556																		
Select	Cert:1013 OR *	5/3/1909	IRRIGATION AND DOMESTIC						35		35								
	Additional Info: HANNAH E COSTON App: S61 Permit: S24 Cert: 1013																		
Select	Cert:13083 CF CN	T5517 2/16/1903	IRRIGATION, LIVESTOCK AND DOMESTIC	CN					32	32	34	32	5						
	Additional Info: CITY OF MILTON FREEWATER AND HUDSON BAY IRRIGATION CO. Decree: WALLA WALLA RIVER																		

Additional Info:		(Suppl'mtl)																		
Additional Info: RICHARD FULGHAM App: G11329 Permit: G10560 Cert: 65975	Select	Permit: G 12481 *	3/7/1994	SUPPLEMENTAL IRRIGATION (Suppl'mtl)																
Additional Info: TIM DERUWE App: G13637 Permit: G12481	Select	Cert:83953 CF *	3/27/1945	SUPPLEMENTAL IRRIGATION (Suppl'mtl)																
Additional Info: HUDSON BAY DISTRICT IMPROVEMENT CO. App: S20648 Permit: S16218 Cert: 83953	Select	Cert:83954 CF *	12/8/1959	SUPPLEMENTAL IRRIGATION (Suppl'mtl)																
Additional Info: HUDSON BAY DISTRICT IMPROVEMENT CO. App: S33492 Permit: S26499 Cert: 83954	Select	Cert:83955 CF CN	9/28/1978	SUPPLEMENTAL IRRIGATION (Suppl'mtl)																
Additional Info: HUDSON BAY DISTRICT IMPROVEMENT CO. App: S57959 Permit: S43973 Cert: 83955	Select	Cert:85239 CF CR CN	9/28/1978	SUPPLEMENTAL IRRIGATION (Suppl'mtl)																
Additional Info: HUDSON BAY DISTRICT IMPROVEMENT CO. App: S57959 Permit: S43973 Cert: 85239	Select	Cert:85456 CF CR CN	9/28/1978	SUPPLEMENTAL IRRIGATION (Suppl'mtl)																
Additional Info: HUDSON BAY DISTRICT IMPROVEMENT CO. App: S57959 Permit: S43973 Cert: 85456	Select	Cert:85369 CF CR *	6/10/1985	SUPPLEMENTAL IRRIGATION (Suppl'mtl)																
Additional Info: LINDA DERUWE App: G11329 Permit: G10560 Cert: 85369	Select	Cert:83988 CF CN	6/10/1985	SUPPLEMENTAL IRRIGATION (Suppl'mtl)																
Additional Info: TIM DERUWE App: G11329 Permit: G10560 Cert: 83988	Select	Cert:87556 CF CR *	9/28/1978	SUPPLEMENTAL IRRIGATION (Suppl'mtl)																
Additional Info: HUDSON BAY DISTRICT IMPROVEMENT COMPANY App: S57959 Permit: S43973 Cert: 87556																				

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: Willamette Township: 6 North Range: 34 East Section: 34 **Records per Page:** 100 Search Platcards Maps! Learn about * View Map

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	Unkown QQ
Select App: LL 1183 * Additional Info: EURUS COMBINE HILLS II LLC App: LL1183		1/5/2009	GENERAL CONSTRUCTION OR MAINTENANCE																*					
Select Claim: GR 2557 * Additional Info: FRANKLIN J WOLLENSCHLAEGER Claim: GR2557		12/31/1903	IRRIGATION																9.75					
Select Cert: 2810 OR * Additional Info: ROBERT WRIGHT App: E131 Permit: E9 Cert: 2810		6/7/1909	IRRIGATION					10																
Select Cert: 5542 OR * Additional Info: STANLEY R WRIGHT Decree: PINE CREEK, UMATILLA COUNTY, (F) Cert: 5542		12/31/1900	IRRIGATION					12																
Select App: LL 1183 * Additional Info: EURUS COMBINE HILLS II LLC App: LL1183		1/5/2009	ROAD CONSTRUCTION																*					

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

Water Rights Platcard Report

Meridian: Willamette Township: 6 North Range: 34 East Section: 35 **Records per 100 Page:** Search Platcards Maps! Learn about * View Map

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	Unkown QQ
Select Inchoate: T 6241 CF (REG) * Additional Info: ADOLF C KLEIN App: U793 Permit: U711		3/4/1955	IRRIGATION							(39.8)			(6.2)	(5.2)	(22.8)	(7.9)	(29.6)	(25.4)	(25.9)		(10.8)	(6.4)	(3.7)	
Select Permit: G 12210 * Additional Info: JON E BROUGH App: G12622 Permit: G12210		7/29/1991	IRRIGATION										5.1											
Select Permit: G 13697 * Additional Info: T O WILLIAMS & ASSOC.; WILLIAMS, RAY App: G14728 Permit: G13697		4/20/1998	IRRIGATION						3.5				0.5											
Select Cert:5521 OR CN Additional Info: J D KELLEY Decree: PINE CREEK, UMATILLA COUNTY, (F) Cert: 5521		12/31/1861	IRRIGATION										12.1											
Select Cert:5537 OR CN Additional Info: C E SIMONDS Decree: PINE CREEK, UMATILLA COUNTY, (F) Cert: 5537		12/31/1870	IRRIGATION											12.8	7.7	4.4		8.7				13.7	7.3	
Select Cert:30531 OR CN Additional Info: E.F. ARNOLD App: U793 Permit: U711 Cert: 30531		3/4/1955	IRRIGATION							39.8			6.2	5.2	22.8	7.9	25.2	25.4	22.9		10.8	6.4	3.7	
Select Cert:30636 OR * Additional Info: DOROTHY KELLY COCKBURN App: U294 Permit: U269 Cert: 30636		3/7/1949	IRRIGATION										6.3											
Select Cert:30637 OR * Additional Info: MERRILL A BUROKER App: G178 Permit: G322 Cert: 30637		8/15/1956	IRRIGATION					37.1			39.4									40				
Select Cert:30638 OR * Additional Info: L.M. MARLATT App: G520 Permit: G464 Cert: 30638		12/4/1956	IRRIGATION					37.1				40.6	3.5											
Select Cert:61093 OR * Additional Info: ADOLF KLEIN App: S55490 Permit: S42205 Cert: 61093		3/16/1977	IRRIGATION											12.8	7.7	3.2		3.5				16.1	8	

Select	Cert:61094 OR *	2/19/1980	IRRIGATION			0.4	1.4	3.4	1			8.8	12	1.1	12.4	
	Additional Info: ADOLF C. KLEIN App: S59671 Permit: S46984 Cert: 61094															
Select	Cert:61095 OR *	11/24/1980	IRRIGATION			0.4	5.2	18.3	8	14.7	31.4	25.4	31.6	12	21.2	20.4
	Additional Info: ADOLF C. KLEIN App: S61015 Permit: S46985 Cert: 61095															
Select	Cert:66888 OR *	11/10/1980	IRRIGATION				13.6									
	Additional Info: ROY D WALLACE App: S60981 Permit: S45339 Cert: 66888															
Select	Cert:83956 OR *	1/11/1988	IRRIGATION		40	39	16.6									
	Additional Info: HUDSON BAY DISTRICT IMPROVEMENT CO. App: S68629 Permit: S53662 Cert: 83956															
Select	Inchoate: T 6241 CF (REG) *	2/19/1980	SUPPLEMENTAL IRRIGATION (Suppl'mtl)			(0.4)	(1.4)	(3.4)	(1)				(12)	(1.1)	(12.4)	
	Additional Info: ADOLF C KLEIN App: G9496															
Select	Inchoate: T 6241 CF (REG) *	3/4/1955	SUPPLEMENTAL IRRIGATION (Suppl'mtl)				(12.8)		(7.7)	(4.4)		(5.7)		(13.7)	(7.3)	
	Additional Info: ADOLF C KLEIN App: U793 Permit: U711															
Select	Permit: G 12210 *	7/29/1991	SUPPLEMENTAL IRRIGATION (Suppl'mtl)				3.2									
	Additional Info: JON E BROUGH App: G12622 Permit: G12210															
Select	Permit: G 13697 *	4/20/1998	SUPPLEMENTAL IRRIGATION (Suppl'mtl)		37.1	40.6	19.4									
	Additional Info: T O WILLIAMS & ASSOC.; WILLIAMS, RAY App: G14728 Permit: G13697															
Select	Cert:30531 OR CN	3/4/1955	SUPPLEMENTAL CN IRRIGATION (Suppl'mtl)				12.8		7.7	8.8		8.7		13.7	7.3	
	Additional Info: E.F. ARNOLD App: U793 Permit: U711 Cert: 30531															
Select	Cert:30636 OR *	3/7/1949	SUPPLEMENTAL IRRIGATION (Suppl'mtl)				12.1									
	Additional Info: DOROTHY KELLY COCKBURN App: U294 Permit: U269 Cert: 30636															
Select	Cert:61092 OR CN	2/19/1980	SUPPLEMENTAL CN IRRIGATION (Suppl'mtl)			0.4	1.4	3.4	1					12	1.1	12.4
	Additional Info: ADOLF C KLEIN App: G9496 Permit: G9865 Cert: 61092															
Select	Cert:61094 OR *	2/19/1980	SUPPLEMENTAL IRRIGATION (Suppl'mtl)		39.8	22.8	5.2	4		6	28.2	25.4	19.3	10.8	3.3	
	Additional Info: ADOLF C. KLEIN App: S59671 Permit: S46984 Cert: 61094															



Oregon

Theodore R. Kulongoski, Governor

Water Resources Department
North Mall Office Building
725 Summer Street NE, Suite A
Salem, OR 97301-1266
503-986-0900
FAX 503-986-0904

September 25, 2009

(503) 986-0844

Mr. Ray Williams
Williams Dairy Heifer Raising
49654 Umapine Road
Milton-Freewater, OR 97862


Re: Water Level Monitoring Plan – Permit G-13697, file G-14728

Dear Ray:

I have received your fax on September 23, 2009, which included the revisions to your draft water-level measurement plan that we discussed. I can now approve your plan. Please note that the plan may be modified, if appropriate, upon request or as directed.

Please call me at the above number if you have any questions.

Sincerely,


Michael J. Zwart
Hydrogeologist

RECEIVED

JUN 07 2012

WATER RESOURCES DEPT
SALEM OREGON

Oregon Water Resource Department
Attn: Ground Water/Hydrology Section
725 Summer St NE, Suite A
Salem, OR 97301

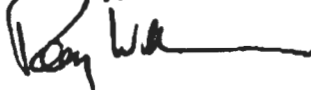
Re: Plan to Monitor and Report the Impact of Water Use, Permit G-13697 Application G-14728.

The following is a draft monitoring plan intended to satisfy the requirement in the above permit.

- 1) We will measure the water level in March of each year all basalt wells (Williams well #1, #3 and #4) and three non-basalt wells (March well #1, March well #2 and Williams well #7)
- 2) The reference water level will be established by the measurement made in March 2007.
- 3) The well location and well ID's are more particularly described in attached Exhibit "A".
- 4) The methodology for obtaining the measurements will be an electric tape marked in 5-foot increments and a tape measure marked in feet and hundredths of a foot.
- 5) The measurements will be reported in feet and hundredths of a foot below land surface.
- 6) The well will not be pumped for 24 hours prior to taking the measurement.
- 7) The person obtaining the measurements will be either the permitter, a full time employee trained in using the equipment or other qualified person of our choice.
- 8) Annual reports will be sent to the Measurements and Reporting Section of the Department by April 30th.

If you have any questions or if any changes are required, please contact me.

Sincerely,



RECEIVED

SEP 23 2009

**WATER RESOURCES DEPT
SALEM, OREGON**

EXHIBIT "A"

PLAN TO MONITOR AND REPORT THE IMPACT OF WATER USE
PERMIT G-13697 APPLICATION G-14728

MARCH WELL 1 LOCATED 650' S AND 90' W OF N ¼ CORNER SEC 23 WELL ID# 48414
MARCH WELL 2 LOCATED 10' N AND 350' E OF W ¼ CORNER SEC 23 WELL ID# 48415
MARCH WELL 3 LOCATED 150' S AND 110' W OF NE CORNER SEC 22 WELL ID# 48416
KEY BROS. WELL 1 LOCATED 260' N AND 1230' E OF SW CORNER SEC 23 WELL ID# 48417
KEY BROS. WELL 2 LOCATED 30' N AND 1620' E OF SW CORNER SEC 23 WELL ID# 48418
WILLIAMS WELL 1 LOCATED 760' S AND 40' E OF NW CORNER SEC 35 WELL ID# 48419
WILLIAMS WELL 3 LOCATED 400' N AND 100' W OF SE CORNER SEC 27 WELL ID# 48421
WILLIAMS WELL 4 LOCATED 1353' S AND 1650' E OF NW CORNER SEC 35 WELL ID# 48422
WILLIAMS WELL 7 LOCATED 1000' N AND 100' N OF SW CORNER SEC 23 WELL ID# 46147

NEW WELLS SUBSEQUENTLY DEVELOPED PURSUANT TO THIS PERMIT

RECEIVED

JUN 07 2012

WATER RESOURCES DEPT
SALEM, OREGON

RECEIVED

SEP 23 2009

WATER RESOURCES DEPT
SALEM, OREGON

STATIC WATER LEVEL REPORT

RECEIVED

SEP 29 2009

WATER RESOURCES DEPT
SALEM, OREGON

PERMIT G-13697 APPLICATION G-14728

WELL	I.D.#	LOG#	2007 ✓	2008 ✓	2009 ✓
POD 6 ✓ WILLIAMS #1	48419	UMAT 4178	60'	68'	64'
per G-12728 ✓ WILLIAMS #3	48421	UMAT 53567	73'	73'	70'
per G-464 ✓ WILLIAMS #4	48422	UMAT 4177	45'	50'	51'
per G-12340 ✓ WILLIAMS #7	46147	UMAT 52037	14'	16'	16'
POD 1 ✓ MARCH #1	48414	UMAT 5357	45'	46'	48'
POD 2 ✓ MARCH #2	48415	UMAT 4133	25'	30'	30'

All measurements taken in March of the above referenced years.

Method of Measurement – E-tape, all measurements expressed in feet.

All wells were idle at least 30 days prior to measurement.

Louis Riley

Measurer: Louis Riley
Pendleton Grain Growers – Irrigation Department
September 29, 2009

Ray Williams

T. O. Williams & Assoc., Inc.
by Ray Williams 9/29/09



Oregon

Theodore R. Kulongoski, Governor

Water Resources Department

North Mall Office Building

725 Summer Street NE, Suite A

Salem, OR 97301-1266

503-986-0900

FAX 503-986-0904

FEBRUARY 25, 2009

T. O. WILLIAMS & ASSOC.
RAY WILLIAMS
49654 UMAPINE RD
MILTON FREEWATER, OR 97862

REFERENCE: Application G-14728 / Permit G-13697

Dear Permit Holder:

On 8/23/2007, the Department issued a Final Order approving an Extension of Time for Permit G-13697. This Final Order included a condition that required the permit holder to submit a written progress report to the Department by October 1, 2008.

This letter is being sent to you because the Department has not yet received the progress report that was due on October 1, 2008.

For your convenience, I have enclosed a **Progress Report Form** for you to fill out and submit. In order to maintain the ability to continue developing water under this permit, you should submit your overdue progress report immediately.

As per your most recent extension, the date by which water must be applied to full beneficial use within the terms and conditions of your permit is October 1, 2009. ***Failure to submit a written progress report may jeopardize continued development of your permit beyond October 1, 2009, as future extensions are evaluated on past due diligence, and consequently may not be granted.***

If you have any questions concerning this matter, you may contact me by telephone at (503) 986-0813.

Sincerely,

A handwritten signature in black ink, appearing to be "S. Kudlemyer", written over a horizontal line.

Scott Kudlemyer
Extensions
Water Rights and Adjudications Division

Enclosure

cc: Application G-14728
Watermaster District 5 – Tony Justus

**STATE OF OREGON
WATER RESOURCES DEPARTMENT**

725 Summer St. N.E. Ste. A
SALEM, OR 97301-4172

(503) 986-0900 / (503) 986-0904 (fax)

RECEIPT # **105938**

INVOICE # _____

RECEIVED FROM: T.O. Williams +
 BY: A.S.S.O.C., INC.
 CASH: CHECK:# 768998 OTHER: (IDENTIFY) _____

APPLICATION	<u>G14728</u>
PERMIT	_____
TRANSFER	_____
TOTAL REC'D	<u>\$150⁰⁰</u>

1083 TREASURY 4170 WRD MISC CASH ACCT

0407 COPIES \$ _____
 OTHER: (IDENTIFY) \$ _____

0243 I/S Lease _____ 0244 Muni Water Mgmt. Plan _____ 0245 Cons. Water _____

4270 WRD OPERATING ACCT

MISCELLANEOUS 46111

0407 COPY & TAPE FEES \$ _____
 0410 RESEARCH FEES \$ _____
 0408 MISC REVENUE: (IDENTIFY) \$ _____
 TC162 DEPOSIT LIAB. (IDENTIFY) \$ _____
 0240 EXTENSION OF TIME \$ _____

WATER RIGHTS:

0201 SURFACE WATER	EXAM FEE	0202	RECORD FEE
0203 GROUND WATER	\$ _____	0204	\$ _____
0205 TRANSFER	\$ _____		

WELL CONSTRUCTION

0218 WELL DRILL CONSTRUCTOR	EXAM FEE	0219	LICENSE FEE
LANDOWNER'S PERMIT	\$ _____	0220	\$ _____

0200 OTHER (IDENTIFY) COBU \$150⁰⁰

0536 TREASURY 0437 WELL CONST. START FEE

0211 WELL CONST START FEE \$ _____ CARD # _____
 0210 MONITORING WELLS \$ _____ CARD # _____
 OTHER (IDENTIFY) _____

0607 TREASURY 0467 HYDRO ACTIVITY LIC NUMBER

0233 POWER LICENSE FEE (FW/WRD) \$ _____
 0231 HYDRO LICENSE FEE (FW/WRD) \$ _____
 HYDRO APPLICATION \$ _____

TREASURY OTHER / RDX

FUND _____ TITLE _____
 OBJ. CODE _____ VENDOR # _____
 DESCRIPTION \$ _____

RECEIPT: **105938**

DATED: 6-7-12 BY: [Signature]

**STATE OF OREGON
WATER RESOURCES DEPARTMENT**

725 Summer St. N.E. Ste. A

SALEM, OR 97301-4172

(503) 986-0900 / (503) 986-0904 (fax)

RECEIPT # **105938**

INVOICE # _____

RECEIVED FROM: T.O. Williams +

APPLICATION G14728

BY: A.S.S.A. INC.

PERMIT _____

CASH: CHECK: # 768998 OTHER: (IDENTIFY) _____

TRANSFER _____

TOTAL REC'D \$ 150.00

1083 TREASURY 4170 WRD MISC CASH ACCT

0407 COPIES \$ _____
 OTHER: (IDENTIFY) \$ _____

0243 I/S Lease _____ 0244 Muni Water Mgmt. Plan _____ 0245 Cons. Water _____

4270 WRD OPERATING ACCT

MISCELLANEOUS 46111

0407 COPY & TAPE FEES \$ _____
 0410 RESEARCH FEES \$ _____
 0408 MISC REVENUE: (IDENTIFY) \$ _____
 TC162 DEPOSIT LIAB. (IDENTIFY) \$ _____
 0240 EXTENSION OF TIME \$ _____

WATER RIGHTS:

0201 SURFACE WATER \$ _____ 0202 \$ _____
 0203 GROUND WATER \$ _____ 0204 \$ _____
 0205 TRANSFER \$ _____

WELL CONSTRUCTION

0218 WELL DRILL CONSTRUCTOR \$ _____ 0219 \$ _____
 LANDOWNER'S PERMIT \$ _____ 0220 \$ _____

0200 OTHER (IDENTIFY) _____

EXAM FEE	
\$	0202
\$	0204
\$	
EXAM FEE	
\$	0219
\$	0220

RECORD FEE	
\$	
\$	
\$	

LICENSE FEE	
\$	
\$	

0536 TREASURY 0467 WELL CONST. START FEE

0211 WELL CONST START FEE \$ _____ CARD # _____
 0210 MONITORING WELLS \$ _____ CARD # _____
 OTHER (IDENTIFY) _____

0607 TREASURY 0467 HYDRO ACTIVITY LIC NUMBER

0233 POWER LICENSE FEE (FW/WRD) \$ _____
 0231 HYDRO LICENSE FEE (FW/WRD) \$ _____
 HYDRO APPLICATION \$ _____

TREASURY OTHER / RDX

FUND _____ TITLE _____
 OBJ. CODE _____ VENDOR # _____
 DESCRIPTION \$ _____

RECEIPT: **105938**

DATED: 6-7-12 BY: JK



Oregon

Theodore R. Kulongoski, Governor

Water Resources Department

North Mall Office Building
725 Summer Street NE, Suite A
Salem, OR 97301-1266
503-986-0900
FAX 503-986-0904

March 4, 2010

T.O. WILLIAMS and ASSOCIATES
ATTN: RAY WILLIAMS
49654 UMAPINE ROAD
MILTON-FREEWATER, OR 97862

REFERENCE: Application G-14728 / Permit G-13697

Dear Permit Holder:

The Water Rights and Adjudications Division received your written progress report for Permit G-13697 on September 30, 2009. Receipt of the progress report was published on the Department's weekly Public Notice, dated January 26, 2010. The Department did not receive any public comment on the progress report.

After reviewing your Progress Report, the Department determined that diligence toward completion of the project and compliance with the terms and conditions of the permit and extension has been demonstrated. This concludes the Progress Report portion of your extension.

If you have any questions, please feel free to contact me by telephone at (503) 986-0813.

Sincerely,

A handwritten signature in black ink, appearing to be "S. Kudlemyer", with a long horizontal stroke extending to the right.

Scott Kudlemyer
Extensions
Water Rights and Adjudications Division

Enclosure

cc: Application G-14728 / Permit G-13697
Watermaster District 5 / Tony Justus

Route Slip.....Extension of Time Progress Report

1. Extension Specialist: Progress Report Review

Date Report Received: 9/30/2009

Report Complete: YES

NO – Send letter requesting missing information.

letter mailed on: _____

2. Jonnine: Publish on the Department's Public Notice

315 320 OAR Division under which Progress Report was required

Publish on Public Notice Date: 1/26/10 GIS

Update workflow in WRIS (Fill in Extension Checkpoint 'Completed Date' in appropriate work flow record)

Return to Extension Specialist

3. Extension Specialist: Prepare Progress Report Confirmation Letter

See ..\Procedures_progress reports

(date / mail out after 30 day comment period)

Date Letter Needed: 3/4/2010

Update Progress Report Worksheet.xls

Send to permit holder + anyone who made comments after 30 day public notice

CC: Watermaster #5

File G-14728

3/4/10 GIS

4. Return file to cabinet

PUBLIC NOTICE INFORMATION

Permit Holder's Name: T.O. Williams & Associates Attn: Ray Williams

Permit Holder's Mailing Address: Williams Dairy Heifer Raising
49654 Umapine Road
Milton-Freewater, OR 97862

Application: G- 14728 Permit: G- 13697

County: Umatilla

Quantity of Water: 4.892 cfs

Source: Ten wells in Swartz Spring Canyon and Pine Creek Basins

Use: Irrigation of 238.4 acres, Supplemental irrigation from both aquifers of 33.0 acres, supplemental irrigation from the Basalt aquifer of 91.8 acres, supplemental irrigation from the Alluvial aquifer of 494.4 acres and Supplemental irrigation to make up a deficiency in rate of 433.0 acres from Basalt aquifer and Supplemental irrigation to make up a deficiency in rate of 6.4 acres from the Alluvial aquifer.

Current Authorized Extension Date: 10/1/2009



Oregon

Theodore R. Kulongoski, Governor

Water Resources Department

North Mall Office Building
725 Summer Street NE, Suite A
Salem, OR 97301-1266
503-986-0900
FAX 503-986-0904

September 25, 2009

(503) 986-0844

Mr. Ray Williams
Williams Dairy Heifer Raising
49654 Umapine Road
Milton-Freewater, OR 97862


Re: Water Level Monitoring Plan – Permit G-13697, file G-14728

Dear Ray:

I have received your fax on September 23, 2009, which included the revisions to your draft water-level measurement plan that we discussed. I can now approve your plan. Please note that the plan may be modified, if appropriate, upon request or as directed.

Please call me at the above number if you have any questions.

Sincerely,


Michael J. Zwart
Hydrogeologist

WILLIAMS DAIRY HEIFER RAISING
49654 UMAPINE ROAD
MILTON-FREEWATER, OR 97862

FACSIMILE TRANSMITTAL SHEET

TO: Mr. Scott Kullermeier FROM: Ray Williams
COMPANY: O.W.R.D. DATE: 9/30/09
FAX NUMBER: (503) 986-0901 TOTAL NO. OF PAGES INCLUDING COVER: 3
PHONE NUMBER: (503) 986-0813 SENDER'S REFERENCE NUMBER:
Phone: 541-558-3918
RE: Permit E-13697 SENDER'S REFERENCE NUMBER:
Fax Phone: 541-558-3806

URGENT FOR REVIEW PLEASE COMMENT PLEASE REPLY PLEASE RECYCLE

NOTES/COMMENTS:

Dear Scott,

As we discussed, please find the signed Progress Report
re: the above-referenced Permit.

Please Advise if any additional information is desired at
This time.

I thank you again for your most professional assistance.

Sincerely,
Ray Williams
(503) 301-1885



Oregon Water Resources Department
 725 Summer Street NE, Suite A
 Salem Oregon 97301-1266
 (503) 986-0900
 www.wrd.state.or.us

Extension of Time Progress Report Form For Checkpoints

TO THE DIRECTOR OF THE OREGON WATER RESOURCES DEPARTMENT

Permit Holder: T O WILLIAMS & ASSOC.

Application G-14728
 Permit G-13697

Report Due no later than October 1, 2008

Progress Report Form for 2008

As authorized in ORS 690-315-0050(6), this progress report is required in order to ensure diligence is exercised in the development and perfection of Permit G-13697

INSERT DATES	LIST ALL WORK ACCOMPLISHED and FINANCIAL INVESTMENTS For the period of time between October 1, 2003 and October 1, 2008	FINANCIAL INVESTMENT
9/09	Submit Draft Plan To Monitor Water Use Impact	
9/09	Approval of Draft Plan - see attached letter	
9/09	Submit static water level reports pursuant to plan	
9/09	Submitted Annual Water Use Reports	
9/09	Submitted Progress Report Form	

2. Compliance with terms and conditions of the permit and/or previous extension.

See Above

3. Total number of acres irrigated to date = 847.9 (if applicable)

4. Provide the maximum rate, or duty if applicable, of water diverted for beneficial use under this permit, if any, made to date.

Maximum rate used to date = 9.772 cfs (cubic feet per second)
 Maximum rate used to date = _____ gpm (gallons per minute)
 Acre-feet stored to date = _____ AF

Report the rate in the same units of measurement as specified in the permit, being cfs (cubic feet per second), gpm (gallons per minute) or AF (acre-feet). Do not provide daily, monthly or annual water volume totals.

Signature T.O. Williams Assoc. Inc. by Ray Williams

Date 9/30/09

For OWRD use only

Diligence Shown Yes No
 Reviewed by: SW

Date Public Noticed: 1/26/10
 Date: 1/14/10



Oregon

Theodore R. Kulongoski, Governor

Water Resources Department

North Mall Office Building
725 Summer Street NE, Suite A
Salem, OR 97301-1266
503-986-0900
FAX 503-986-0904

September 25, 2009

REC'D SEP 30 2009

(503) 986-0844

Mr. Ray Williams
Williams Dairy Heifer Raising
49654 Umapine Road
Milton-Freewater, OR 97862


Re: Water Level Monitoring Plan – Permit G-13697, file G-14728

Dear Ray:

I have received your fax on September 23, 2009, which included the revisions to your draft water-level measurement plan that we discussed. I can now approve your plan. Please note that the plan may be modified, if appropriate, upon request or as directed.

Please call me at the above number if you have any questions.

Sincerely,


Michael J. Zwart
Hydrogeologist

T.O. Williams
Umatilla Area
RA

Jason Malady
GSI, CWRE

* Will be working to
develop water use report.
- COBU included copies
of electrical billing
records.

WILLIAMS DAIRY HEIFER RAISING

49654 Umapine Road
Milton-Freewater, OR 97862
(541) 558-3918
wdhr@bmi.net

April 28, 2006

Water Rights Permit Extensions
Water Resources Department
State of Oregon
725 Summer Street N.E., Suite A
Salem, OR 97301-1271

Re: Water Right Permit Extension for Permit No. G-13697.

To the Water Resources Director of Oregon:

Enclosed please find enclosed our application for a permit extension along with our check in the amount of \$250.00, which we understand is the fee for this extension.

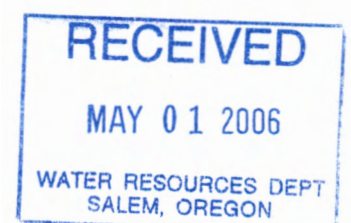
Pendleton Grain Growers irrigation department static tested these wells on March 20, 2006. March well # 1 had a static level of 50 feet, the "new" Cockburn well had a static level of 75 feet and well # 7 had a static level of 17 feet. Attached please find PGG's static test sheet.

If you need anything else, please let us know. Thank you.

Sincerely,



Tom A. Williams



3/22/06

P.99.

T.O.WILLIAMS WELL STATICS

→ MARCH EAST: TAPE, 50' STATIC (3/20)
AIRLINE, 94 PSI (217') (3/20)

MARCH well #1

MARCH WEST: TAPE, 28' STATIC (3/14)

MARCH SOUTH: TAPE, 30' STATIC (3/14)

YOUNG EAST: TAPE, 90' STATIC (3/14)

YOUNG WEST: AIR LINE, 10PSI (23') (3/14)

MARLATTE: TAPE, 50' STATIC (3/20)

WEIDERT WEST: TAPE, 50' STATIC (3/20)

WIEDERT EAST: AIRLINE, GUAGE, 134' WATER LEVEL (3/20)
AIRLINE @ 205'

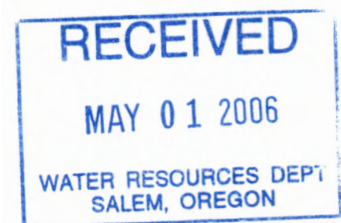
COCKBURN SOUTH: TAPE, 60' STATIC (3/14)

→ COCKBURN MIDDLE: TAPE, 75' STATIC (3/20)

new Cockburn Well

→ COCKBURN NORTH: TAPE, 17' STATIC (3/20)

well #7



Oregon Water Resources Department
Water Rights Division

Water Rights Application
Number G-14728

Final Order
Extension of Time for Permit Number G-13697

Appeal Rights

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

Application History

The Department issued Permit G-13697 on July 16, 1999. The permit called for complete application of water to beneficial use by October 1, 2003. On May 1, 2006, T.O. Williams & Associates; Ray Williams submitted to the Department an Application for Extension of Time for Permit G-13697. In accordance with OAR 690-315-0050(2), on June 26, 2007, the Department issued a Proposed Final Order proposing to extend the time to fully apply water to beneficial use to October 1, 2009. The protest period closed August 10, 2007, in accordance with OAR 690-315-0060(1). No protest was filed.

At time of issuance of the Proposed Final Order the Department concluded that, based on the factors demonstrated by the applicant, the permit may be extended subject to the following conditions:

CONDITIONS

1. Checkpoint Condition

The permit holder must submit a completed Diligence Progress Report to the Department by **October 1, 2008**. *A form is enclosed for your use.*

- (a) At each checkpoint, the permit holder shall submit and the Department shall review evidence of the permit holder's diligence towards completion of the project and compliance with terms and conditions of the permit and extension. If,

after this review, the Department determines the permit holder has not been diligent in developing and perfecting the water use permit, or complied with all terms and conditions, the Department shall modify or further condition the permit or extension to ensure future compliance, or begin cancellation proceedings on the undeveloped portion of the permit pursuant to ORS 537.260 or 537.410, or require submission of a final proof survey pursuant to ORS 537.250;

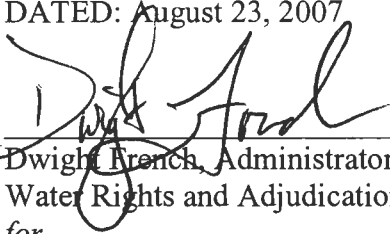
- (b) The Department shall provide notice of receipt of progress reports in its weekly notice and shall allow a 30 day comment period for each report. The Department shall provide notice of its determination to anyone who submitted comments.

The applicant has demonstrated good cause for the permit extension pursuant to ORS 537.630, 539.010(5) and OAR 690-315-0040(2).

Order

The extension of time for Application G-14728, Permit G-13697, therefore, is approved subject to conditions contained herein. The deadline for applying water to full beneficial use is extended to October 1, 2009.

DATED: August 23, 2007


Dwight French, Administrator of
Water Rights and Adjudications
for
Phillip C. Ward, Director

-
- If you have any questions about statements contained in this document, please contact Kim French at (503) 986-0813.
 - If you have other questions about the Department or any of its programs, please contact our Water Resources Customer Service Group at (503) 986-0900
-

Mailing List for Extension FO Copies

Note: Include a copy of the "Important Notice" document along with the original copy of the Final Order being sent to the permit holder.

FO Date: August 23, 2007

Copies Mailed

**Application G-14728
Permit G-13697**

By: JS
On: 8/23/07

Original mailed to permit holder

T.O. Williams & Associates
Attn: Ray Williams
49654 Umapine Rd.
Milton-Freewater, OR 97862

Copies sent to:

1. WRD - App. File G-14728/ Permit G-13697
2. WRD - Watermaster District 5, Tony Justus
3. WRD - NCR Regional Manager, Mike Ladd
4. WRD- Ken Stahr
5. WRD - Support Staff, Salem...*Permit record update*

Fee paid as specified under ORS 536.050 to receive copy:

6. None

Receiving via e-mail (10 AM day of signature date)

7. None

CASEWORKER: KRF

**Oregon Water Resources Department
Water Rights Division**

Application for Extension of Time

In the Matter of the Application for an Extension of Time)
for Permit G-13697, Water Right Application G-14728) PROPOSED FINAL ORDER
in the name of T.O. Williams & Associates; Ray Williams)

Permit Information

Application File G-14728 Permit G-13697

Basin: 7 – Umatilla/ Watermaster District 5

Date of Priority: April 20, 1998

Authorized Use of Water

Source of Water: Ten Wells in Swartz Spring Canyon and Pine Creek Basins
Purpose of Use: Primary Irrigation of 238.4 Acres and Supplemental
 Irrigation of 609.5 Acres
Maximum Rate: 9.772 Cubic Feet per Second (cfs), Being 2.98 cfs for
 Primary Irrigation and 6.792 cfs for Supplemental
 Irrigation

**This Extension of Time request is being processed in accordance with Oregon
Administrative Rule Chapter 690, Division 315**

***Please read this Proposed Final Order in its entirety as it contains
additional conditions not included in the original permit.***

This Proposed Final Order applies only to Permit G-13697, water right Application G-14728.
A copy of Permit G-13697 is enclosed as Attachment 1.

Summary of Proposed Final Order for Extension of Time

The Department proposes to:

- grant an extension of time to apply water to full beneficial use from October 1, 2003 to October 1, 2009.
- make the extension subject to certain conditions set forth below.

ACRONYM QUICK REFERENCE

Department – Oregon Department of Water Resources
PFO – Proposed Final Order

Units of Measure

cfs – cubic feet per second
gpm – gallons per minute

AUTHORITY

Generally, see **ORS 537.630** and **OAR Chapter 690 Division 315**.

ORS 537.630(1) provide in pertinent part that the Oregon Water Resources Department (Department) may, for good cause shown, order an extension of time within which: irrigation or other works shall be completed; the well or other means of developing and securing ground water shall be completed; or the right perfected. In determining the extension, the Department shall give due weight to the considerations described under **ORS 539.010(5)** and to whether other governmental requirements relating to the project have significantly delayed completion of construction or perfection of the right.

ORS 539.010(5) provides in pertinent part that the Water Resources Director, for good cause shown, may extend the time within which the full amount of the water appropriated shall be applied to a beneficial use. This statute instructs the Director to consider: the cost of the appropriation and application of the water to a beneficial purpose; the good faith of the appropriator; the market for water or power to be supplied; the present demands therefore; and the income or use that may be required to provide fair and reasonable returns upon the investment.

OAR 690-315-0040 provides in pertinent part that the Water Resources Department shall make findings to determine if an extension of time may be approved to complete construction and/or apply water to full beneficial use.

OAR 690-315-0050(6) requires the Department, for extensions exceeding five years, to establish checkpoints to determine if diligence is being exercised in the development and perfection of the water use permit. Intervals between checkpoints will not exceed five year periods.

FINDINGS OF FACT

Background

1. Permit G-13697 was granted by the Department on July 16, 1999. The permit authorizes the use of up to 9.772 cfs of water from ten wells, being 2.98 cfs for primary irrigation of 238.4 acres and 6.792 cfs for supplemental irrigation of 609.5 acres. The permit specified actual construction of the well was to begin by April 19, 2000 and complete application of water was to be made on or before October 1, 2003.
2. The permit holder submitted an "Application for Extension of Time" to the Department on May 1, 2006 requesting the time to apply water to full beneficial use under the terms of Permit G-13697 be extended from October 1, 2003 to October 1, 2009. This is the first permit extension requested for Permit G-13697.
3. Notification of the Application for Extension of Time for Permit G-13697 was published in the Department's Public Notice dated May 9, 2006. No public comments were received regarding the extension application.
4. On June 13, 2007, the permit holder submitted additional information to supplement their Application for Extension of Time.

Review Criteria [OAR 690-315-0040]

The time limits to complete construction and/or apply water to full beneficial use may be extended if the Department finds that the permit holder has met the requirements set forth under OAR 690-315-0040. This determination shall consider the applicable requirements of ORS 537.230¹, 537.248², 537.630³ and/or 539.010(5)⁴.

Complete Extension of Time Application [OAR 690-315-0040(1)(a)]

5. On May 1, 2006, the Department received a completed Application for Extension of Time and the fee required by ORS 536.050 from the permit holder.

Start of Construction [OAR 690-315-0040(1)(b) and 690-315-0040(5)]

6. Actual construction of the well began prior to the deadline specified in the permit, being April 19, 2000.

¹ORS 537.230 applies to surface water permits only.

²ORS 537.248 applies to reservoir permits only.

³ORS 537.630 applies to ground water permits only.

⁴ORS 539.010(5) applies to surface water and ground water permits.

Duration of Extension [OAR 690-315-0040(1)(c)]

Under OAR 690-315-0040(1)(c), in order to approve an extension of time for water use permits the Department must find that the time requested is reasonable and the applicant can complete the project within the time requested.

7. As of May 1, 2006, the remaining work to be completed consists of complying with the conditions of the permit and complete application of water to beneficial use.
8. Given the amount of development left to occur, the Department has determined that the permit holder's request to have until October 1, 2009, to accomplish the application of water to beneficial use under the terms of Permit G-13697 is both reasonable and necessary.

Good Cause [OAR 690-315-0040(1)(d)]

The Department's determination of good cause shall consider the requirements set forth under OAR 690-315-0040(2).

Reasonable Diligence of the Appropriator [OAR 690-315-0040(2)(a)]

The Department's determination of reasonable diligence shall consider the requirements set forth under OAR 690-315-0040(3)(a-d). In accordance with OAR 690-315-0040(3), the Department shall consider, but is not limited to, the following factors when determining whether the applicant has demonstrated reasonable diligence in previous performance under the permit:

Amount of Construction [OAR 690-315-0040(3)(a)]

9. The following construction was completed within the time allowed in the permit or previous extension:
 - a. Construction of the well and water system began prior to the time specified in the permit, being April 19, 2000.
 - b. Work was accomplished (specified in the Application for Extension of Time) during the original development time frame under Permit G-13697.

Beneficial Use of Water [OAR 690-315-0040(3)(b)]

10. The following beneficial use was made of the water during the permit or previous extension time limits:
 - a. Since the issuance of Permit G-13697 on July 16, 1999, a maximum rate of 7.6 cfs has been appropriated from the wells for irrigation of 610 acres.

Compliance with Conditions [OAR 690-315-0040(3)(c)]

11. The water right permit holder's conformance with the permit or previous extension conditions.

- a. The Department has considered the permit holder's compliance with conditions, and has identified the following concerns: (1) annual reports of the amount of water used each month have not been received by the Department; and (2) a plan to monitor and report the impact of water use under this permit on water levels within the aquifer that provides water to the permitted wells has not been submitted to the Department.
- b. Failure to comply with permit conditions constitutes illegal use of water. The use of water under this permit, therefore, has not yet been demonstrated. In order to legally perfect the use of water under this permit, the permit holder must demonstrate that all conditions of the permit have been satisfied.

Financial Investments [OAR 690-315-0040(3)(d)]

12. Financial investments made toward developing the beneficial water use.
 - a. As of May 1, 2006, the permit holder has invested approximately \$250,000, which is 96 percent of the total projected cost for complete development of this project. The permit holder anticipates an additional \$10,000 investment is needed for the completion of this project.

Cost to Appropriate and Apply Water to a Beneficial Purpose [OAR 690-315-0040(2)(b)]

13. As of May 1, 2006, the permit holder has invested approximately \$250,000 which is 96 percent of the total projected cost for complete development of this project. The permit holder anticipates an additional \$10,000 investment is needed for the completion of this project.

Good Faith of the Appropriator [OAR 690-315-0040(2)(c)]

14. The Department has found good faith of the appropriator under Permit G-13697.

The Market and Present Demands for Water [OAR 690-315-0040(2)(d-e)]

The Department's determinations of market and present demand for water or power to be supplied shall consider the requirements set forth under OAR 690-315-0040(4)(a-f). In accordance with OAR 690-315-0040(4), the Department shall consider, but is not limited to, the following factors when determining the market and the present demand for water or power to be supplied:

15. The amount of water available to satisfy other affected water rights and scenic waterway flows; special water use designations established since permit issuance, including but not limited to state scenic waterways, federal wild and scenic rivers, serious water management problem areas or water quality limited sources established under 33 U.S.C.

1313(d); or the habitat needs of sensitive, threatened or endangered species, in consultation with the Oregon Department of Fish and Wildlife [OAR 690-315-0040(4)(a-c)].

- a. The amount of water available to satisfy other affected water rights and scenic waterway flows was determined at the time of issuance of Permit G-13697; furthermore, water availability for other affected water rights and scenic waterway flows after the permit was issued is determined at such time that such application for a new water right is submitted. The points of appropriation for Permit G-13697, located within the Pine Creek Basin, are not located within a limited or critical ground water area. Pine Creek is not located within or above any state or federal scenic waterway, however it is located within an area ranked “high” for stream flow restoration needs as determined by the Department in consultation with the Oregon Department of Fish and Wildlife, and is not located within a Sensitive, Threatened or Endangered Fish Species Area as identified by the Department in consultation with Oregon Department of Fish and Wildlife. Pine Creek is listed by the Department of Environmental Quality as a water quality limited stream.

16. Economic investment in the project to date [OAR 690-315-0040(4)(d)].

- a. As of May 1, 2006, the permit holder has invested approximately \$250,000.

17. Other economic interests dependent on completion of the project [OAR 690-315-0040(4)(e)].

- a. None have been identified.

18. Other factors relevant to the determination of the market and present demand for water and power [OAR 690-315-0040(4)(f)].

- a. None have been identified.

19. OAR 690-315-0050(6) requires the Department to place a checkpoint condition on this extension of time to ensure diligence is exercised in the development and perfection of the water use permit. A “Checkpoint Condition” is specified under Item 1 of the “Conditions” section of this PFO to meet this condition.

Fair Return Upon Investment [OAR 690-315-0040(2)(f)]

20. Use and income from the permitted water development results in reasonable returns upon the investment made to date.

Other Governmental Requirements [OAR 690-315-0040(2)(g)]

21. Delay in the development of this project was not caused by any other governmental requirements.

Unforeseen Events [OAR 690-315-0040(2)(h)]

22. None have been identified.

CONCLUSIONS OF LAW

1. The applicant is entitled to apply for an extension of time to complete construction and/or completely apply water to the full beneficial use pursuant to ORS 537.630(1).
2. The applicant has submitted a complete extension application form and the fee specified in ORS 536.050, as required by OAR 690-315-0040(1)(a).
3. The applicant complied with begin actual construction timeline requirements pursuant to ORS 537.630 as required by OAR 690-315-0040(1)(b) and OAR 690-315-0040(5).
4. Full application of water to beneficial use can be accomplished by October 1, 2009⁵, as required by OAR 690-315-0040(1)(c).
5. The Department has considered the reasonable diligence and good faith of the appropriator, the cost to appropriate and apply water to a beneficial purpose, the market and present demands for water to be supplied, the financial investment made and fair and reasonable return upon the investment, the requirements of other governmental agencies, and unforeseen events over which the permit holder had no control, whether denial of the extension will result in undue hardship to the applicant and whether there are no other reasonable alternatives for meeting water use needs, any other factors relevant to a determination of good cause, and has determined that the applicant has shown that good cause exists for an extension of time to apply water to full beneficial use pursuant to OAR 690-315-0040(1)(d).
6. As required by OAR 690-315-0050(6) and as described in Finding 19 above, the Department has established, as specified in the "Conditions" section of this PFO (Item 1), progress checkpoints in order to ensure future diligence is exercised in the development and perfection of Permit G-13697.

Proposed Order

Based upon the foregoing Findings of Fact and Conclusions of Law, the Department proposes to

⁵Pursuant to ORS 537.630(4), upon the completion of beneficial use of water allowed under the permit, the permittee shall hire a certified water rights examiner to survey the appropriation. Within one year after the complete application of water to a beneficial use (or by the date allowed for the complete application of water to a beneficial use), the permittee shall submit a map of the survey and the claim of beneficial use.

issue an order to:

extend the time to apply water to beneficial use under Permit G-13697 from October 1, 2003 to October 1, 2009.

Subject to the following conditions:

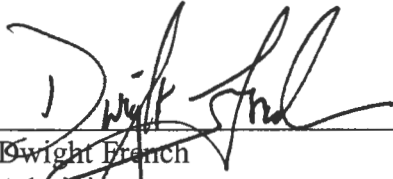
CONDITIONS

1. Checkpoint Condition

The permit holder must submit a completed Diligence Progress Report to the Department by **October 1, 2008**. *A form will be enclosed with your Final Order.*

- (a) At each checkpoint, the permit holder shall submit and the Department shall review evidence of the permit holder's diligence towards completion of the project and compliance with terms and conditions of the permit and extension. If, after this review, the Department determines the permit holder has not been diligent in developing and perfecting the water use permit, or complied with all terms and conditions, the Department shall modify or further condition the permit or extension to ensure future compliance, or begin cancellation proceedings on the undeveloped portion of the permit pursuant to ORS 537.260 or 537.410, or require submission of a final proof survey pursuant to ORS 537.250;
- (b) The Department shall provide notice of receipt of progress reports in its weekly notice and shall allow a 30 day comment period for each report. The Department shall provide notice of its determination to anyone who submitted comments.

DATED: June 26, 2007



Dwight French
Administrator
Water Rights & Adjudications Division

*If you have any questions,
please check the information
box on the last page for the
appropriate names and
phone numbers.*

Proposed Final Order Hearing Rights

1. Under the provisions of OAR 690-315-0100(1) and 690-315-0060, the applicant or any other person adversely affected or aggrieved by the proposed final order may protest and request a contested case hearing on the proposed final order. Your request for contested case hearing must be in writing and must be received by the Water Resources

Mailing List for Extension PFO Copies

PFO Date: June 26, 2007

**Application G-14728
Permit G-13697**

Copies Mailed

By: AS
On: 6/24/07

Original mailed to Applicant:

T.O. Williams & Associates
Attn: Ray Williams
49654 Umapine Rd.
Milton-Freewater, OR 97862

Copies sent to:

- 1. WRD - App. File G-14728/ Permit G-13697
- 2. WRD - Watermaster District 5, Tony Justus
- 3. ~~Agents of CWRE's representing the Permit Holder~~

Fee paid as specified under ORS 536.050 to receive copy:

- 4. None

Receiving via e-mail (10 AM Tuesday of signature date)

- 5. None

CASEWORKER: KRF

Extension PFO Checklist for Other than Muni or Quasi-Municipal

Water Use Permits
(OAR 690-315-0010 through OAR 690-315-0060)

Application: G - 14728 Permit: G - 13697

Permittee's Name: T.D. WILLIAMS ASSOC.; RAY WILLIAMS

Permittee's Mailing Address: 49654 UMAPINE RD, MILTON FREE WATER OR 97862

POD Location: Township 6N Range 34E Section 22 - NENE 23 - NENW, SE NW, SWSW, SESW 24 - SESW, 27 - SESE, 35 - NENW, NWNW $\frac{1}{4}$

Drainage Basin: 7 - UMATILLA County: UMATILLA Watermaster District: 5

Date Permit was issued: 7-16-99 Priority Date: 4-20-98 Date of PN: 5-9-06

Source: TEN WELLS IN SWARTZ SPRING CANYON & PINE CREEK BASINS

Use: PRIMARY IRR OF 238.4 ACRES; SUPPLEMENTAL IRR OF 609.5 ACRES

"Q": 9.772 CFS, BEING 2.9 BCFS FOR PRIMARY IRR & 6.792 CFS FOR SUP IRR

Orig "A" Date: 4-19-2000 Orig "B" Date: — Orig "C" Date: 10-1-03

Extension request received: 5-1-06 Last Authorized "B" Date: — Last Authorized "C" Date: —

Request Number (...1st, 2nd, 3rd): 1ST Proposed "B" Date: — Proposed C Date: 10-1-08⁰⁹

Conditions of Permit:

Condition Met?	Condition Not Met?	Permit Condition
✓		INSTALL METER - BY WATER USE BEGINS
	✓	MONTHLY WATER USE REPORTS - SUBMITTED ANNUALLY
	✓	DEVELOP A PLAN TO MONITOR & REPORT W/U (W/IN 1 YEAR)
		GW PRODUCED FROM NO SHALLOWER THAN 120 FT BLS

Factors to consider in determining "Reasonable Diligence" [OAR 690-315-0040(3)]:

Yes No

- Construction was completed within the time allowed in the permit or previous extension
- Beneficial use made of the water during the permit or previous extension time limits
 - Permit holder has beneficially used 7.6 cfs/gpm/af of the total permitted quantity of water on 610 acres
- Water right permit holder conformed with the permit or previous extension conditions; and
- Financial investments were made toward developing the beneficial water use.
 - Permit holder has invested approximately 96 % of the total estimated cost to complete the project.
 - Amount Invested to date: \$ 250,000 Estimated Remaining Cost: \$ 10,000

Has the applicant pursued perfection of the right in good faith and with reasonable diligence? Yes No

Determination of the market and the present demand for water or power to be supplied:

Ground Water Permits: Identify the closest surface water or localized water basin. PINE CREEK
Is it located...
Surface Water Permits: Is the POD located...

- | | | | |
|-------------------------------------|-------------------------------------|------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------|
| Yes | No | | |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | within or above a state scenic waterway? | Source: OWRD "Areas Above State Scenic Waterways" Map |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | within a stream segment designated as a federal wild and scenic river? | Source: www.rivers.gov/wildriverslist.html#or |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | within a critical or limited Ground Water Area? | Name of area _____ |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | in a waterbody listed on the DEQ Section 303(d) List of Water Quality Limited Areas? | Date added to list _____ |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | within a sensitive, threatened or endangered species area | source: "/gisdata/dev/projects/salmon/div33map.aml" |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | within an area ranking <u>low</u> / <u>medium</u> / <u>(high)</u> (circle one) for stream flow restoration needs | Source: OWRD "Streamflow Restoration Needs" Maps (by region) |

Based on the written record, can the Department make a finding of "Good Cause" to approve the extension request?

Yes... "Good Cause" can be found. Approval of Extension Request
No ... "Good Cause" cannot be found. Denial of Extension Request

Conditions to be included in Extension PFO (if applicable)? Yes No

(NOTE: Check the file record for documentation to add a condition(s) at the extension stage.)

- 5-year Progress Report Checkpoints (Years: 2008)
- Other: _____

Footnote regarding Claim of Beneficial Use. Choose the appropriate language below and insert as a footnote in the PFO:

- COBU Requirement - Surface/Ground Water - on or prior to July 9, 1987**
"For permits applied for or received on or before July 9, 1987, upon complete development of the permit, you must notify the Department that the work has been completed and either: (1) Hire a water right examiner certified under ORS 537.798 to conduct a survey, the original to be submitted as required by the Water Resources Department, for issuance of a water right certificate; or (2) Continue to appropriate water under the water right permit until the Water Resources Department conducts a survey and issues a water right certificate under ORS 537.250 or 537.625."
- COBU Requirement - Surface Water - post July 9, 1987**
"Pursuant to ORS 537.230(3), upon the completion of beneficial use of water allowed under the permit, the permittee shall hire a certified water rights examiner to survey the appropriation. Within one year after the complete application of water to a beneficial use (or by the date allowed for the complete application of water to a beneficial use), the permittee shall submit a map of the survey and the claim of beneficial use."
- COBU Requirement - Ground Water - post July 9, 1987**
"Pursuant to ORS 537.630(3), upon the completion of beneficial use of water allowed under the permit, the permittee shall hire a certified water rights examiner to survey the appropriation. Within one year after the complete application of water to a beneficial use (or by the date allowed for the complete application of water to a beneficial use), the permittee shall submit a map of the survey and the claim of beneficial use."

NOTES:

Extension "PFO" Dates
Mailing / Issuance Date: 6/26/07 **Protest Deadline Date:** 8/2/07
Reviewer's Name: Lynn Lane **Date:** _____

Application # G-14728 Permit # G-13697

Route Slip ... Extension of Time
per Division 315 Rules... (Extensions received on July 1, 2001 or after)

◆ **WRIG...**
Money Received on: 5/1/06 ✓ \$250⁰⁰

◆ **Ann Reece...**
Extension Completeness:
(If NOT complete, send certified letter requesting add'l information.)
✓ add to spread sheet

If Extension Appl complete and \$250 fee submitted, route to...

- ◆ **Jonnine Skaug...**
 - Publish on Public Notice (initial 30-day comment): 5/9/06 JIS
Update "cdatewext.DB" Database:
 - In the "PNotice Date" field... Enter the date the Extension Application was published on the Public Notice.
 - In the "Ext Filed" field... Enter the date the Extension Application was received.

At the close of the Initial 30-day Comment Period...

◆ **Ann Reece...**
Pull files for Ext PFO review: _____
Extension PFO completed: _____

Once Extension PFO signed by Dwight French...

◆ **Jonnine Skaug...**
Prepare Ext PFO for mailing to applicant: _____
Mail to those who commented and paid copy fee: _____
Include Ext PFO on weekly Public Notice: _____



Oregon

Theodore R. Kulongoski, Governor

Water Resources Department

North Mall Office Building
725 Summer Street NE, Suite A
Salem, OR 97301-1271
503-986-0900
FAX 503-986-0904

May 9, 2006

REFERENCE: Application for Extension of Time

Dear Extension of Time Applicant:

The Water Rights Section has received your application for an extension of time for **APPLICATION FILE # G-14728 (PERMIT #G-13697)**. Your application will be reviewed in the near future. Following the review, you will receive a Proposed Final Order either approving or rejecting the extension of time request. A 45-day protest period begins upon issuance of the Proposed Final Order. After the protest period closes, a Final Order is issued.

If you have questions concerning your extension of time application, please contact Ann Reece at (503) 986-0808. For general information about the Water Resources Department, you may contact the Water Resources' Customer Service Group at (503) 986-0801 or you may access the Department's Internet home page at: "www.wrd.state.or.us".

G-14728

G-13697

T.O. Williams & Assoc / Ray Williams

Division 315 - Other Than Muni or Quasi-Muni
Extension of Time Application - Completeness Checklist
OAR 690-315-0020

✓	The appropriate extension of time fee (as specified in ORS 536.050). \$100 - applications received prior to October 1, 2003; \$250 applications received on or after October 1, 2003	[OAR 690-315-0020(3)]
✓	The name and mailing address of the water right permit holder(s);	[OAR 690-315-0020(3)(a)]
	The application number and the permit number for which an extension is requested;	[OAR 690-315-0020(3)(b)]
✓	If the water right permit holder receives delivery of the subject water right permit from a municipality, municipal corporation, or other special district, the applicant shall provide the name of the entity and evidence that a copy of the application for extension of time has been provided to the entity responsible for delivering the water;	[OAR 690-315-0020(3)(c)]
yes Applicant well logs	Evidence of the actions taken to begin actual construction within the time period in the permit or previous extension: <ul style="list-style-type: none"> "Actual construction" means physical work performed towards completion of the water system, which demonstrates both the present good faith of the water right permit holder and the water right permit holder's intention to complete the project with reasonable diligence; "Actual construction" <u>does not</u> include planning a diversion system, formulating a business plan, securing financing, letting contracts, purchasing but not installing equipment, or surveying. 	[OAR 690-315-0020(3)(d)]
yes ✓	Evidence of progress made toward completion of the water development and application to full beneficial use, which includes but is not limited to: <ul style="list-style-type: none"> The annual accomplishments toward perfecting the water right under the terms and conditions of the permit, including the dates on which each condition contained in the relevant permit and any previous extension(s) was satisfied or the reason the condition was not satisfied; <i>flow meters ✓ NO WATER measurement records no monitoring plan</i> The maximum rate of diversion, if any, made to date; and <i>7.6 out of 9.772 = 77%</i> If for irrigation, a listing by year of the number of acres irrigated each year since permit issuance, the total number of acres irrigated to date under the permit or previous extension, and a copy of the application map showing the acres irrigated. <i>610 ac / 847</i> 	[OAR 690-315-0020(3)(e)]
✓	A description of financial expenditures made toward completion of the water development; <i>\$750,000</i>	[OAR 690-315-0020(3)(f)]
✓	An estimate of the cost to complete the water development; <i>10,000 1.3% remaining</i>	[OAR 690-315-0020(3)(g)]
✓	A summary of any additional unforeseen events which delayed completion of the water development or application of water to full beneficial use, including other governmental requirements, if any, relating to the project which have significantly delayed completion of construction or perfection of the right;	[OAR 690-315-0020(3)(h)]
✓	The date by which the water development will be completed and water put to full beneficial use; <i>2008</i>	[OAR 690-315-0020(3)(i)]
✓	A summary of the applicant's plan and schedule to complete construction and/or perfect the water right; <i>hire consultant....</i>	[OAR 690-315-0020(3)(j)]
✓	Justification of why the requested time is needed to complete the project and/or apply the water to full beneficial use;	[OAR 690-315-0020(3)(k)]
-	A description of any undue hardship to the applicant which will result from denial of the extension, and that there are no other reasonable alternatives for meeting water use needs; <i>(NOTE: The permit holder is not asked to answer this specific question when filling out the Extension of Time Application. The Department decided this was a finding that should be determined by staff. In order to make this determination, review the Extension of Time Application and documentation in the file record. Generally, a denied extension of time may result in possible loss of investments made in the project, loss of future property value, and/or loss of future income.</i>	[OAR 690-315-0020(3)(l)]
-	Any other information the applicant determines is relevant to evaluate the application in accordance with applicable statutes and these rules;	[OAR 690-315-0020(3)(m)]
-	Any other information required in the application form that is necessary to evaluate the application in accordance with applicable statutory requirements; and	[OAR 690-315-0020(3)(n)]
✓	Signature(s) of the water right permit holder(s).	

Name of Reviewer: Ann Reece

Date: 5-2-06

Permit Extension Ground Water Review

Date: 5-8, 2006
To: Doug Woodcock, Ground Water Section Manager
From: Ann Reece, Permit Extension Review
Subject: Ground Water Review for File #G- 14728 / Permit #G- 13697
(Date permit issued: July 16, 1999)

The above referenced permit is currently being reviewed for an extension of time. Before I can determine whether or not an extension of time should be granted, a Ground Water review for this file is necessary. Special designations affecting this permit are as follows:

NOTE: Original Division 9 review completed by: Michael Zwart 5-8-98 / 12-1-98

- Located within a Ground Water Administrative Area (Critical, Limited, etc.) No
- 5-Year Limited Permit
- Other: _____
- None (no special designations)

For Ground Water / Hydrology Staff Use: MTZ 6/19/06

Please answer the following questions. If necessary, attach an additional sheet.

1. Does the ground water source under this permit have the potential for substantial interference with surface water? _____

[NOTE: Applies ONLY to Municipal permits issued before November 2, 1998 - see OAR 690-315-0080(1) & (2)]

2. Should any additional conditions be added to this permit? No

3. Should the extension of time request be **DENIED** due to ground water supply concerns? No

[NOTE: Does NOT apply to Quasi-Municipal or Municipal permits issued on or before November 2, 1998 - see OAR 690-315-0080(5)]

4. Should the Department establish a new reference level for water level declines due to the failure of permittee to submit annual measurements? Permittee has not submitted a plan to monitor & report water-level data per condition 7A. Recommend submittal of a plan for approval as a condition of the Extension.

5. Other issues or concerns? _____

Date: 6/13/07

Water Resources Department
Attn: Extensions Specialist
725 Summer Street NE, Suite A
Salem, OR 97301

RE: Application Number G-14728
Permit Number G-13697

As the permit holder of the above-mentioned permit, I do hereby request to amend the time previously requested in which to:

complete construction (of diversion/appropriation works and/or purchase and installation of the equipment necessary to the use of water), which I previously requested to be extended to October 1, _____, be further extended to October 1, _____.

and/or the time in which to:

apply water to full beneficial use under the terms and conditions of the permit, which I previously requested to be extended to October 1, 2008, be further extended to October 1, 2009.

Signed: Ray Hill Date: 6/13/07

WILLIAMS DAIRY HEIFER RAISING
49654 UMAPINE ROAD
MILTON-FREEWATER, OR 97862

FACSIMILE TRANSMITTAL SHEET

TO: Kim	FROM: Ray Williams
COMPANY: Oregon Water Resources	DATE: 6/13/07
FAX NUMBER: (503) 986-0901	TOTAL NO. OF PAGES INCLUDING COVER: 2
PHONE NUMBER: (503) 986-0813	SENDER'S REFERENCE NUMBER: Phone: 541-558-3918
RE: Permit # G-13697	SENDER'S REFERENCE NUMBER: Fax Phone: 541-558-3806

URGENT FOR REVIEW PLEASE COMMENT PLEASE REPLY PLEASE RECYCLE

NOTES/COMMENTS:

Dear Kim,
 Please find enclosed the signed request amendment we discussed.
 Please don't hesitate to contact me if any additional
 information is desired. Thank you again for your most
 professional assistance. Sincerely, Ray Williams

**APPLICATION FOR EXTENSION OF TIME
TO THE WATER RESOURCES DIRECTOR OF OREGON**

I, T.O. Williams & Assoc. c/o Ray Williams
NAME

49654 Umapine Road Milton Freewater, OR 97862 (541)558-3918
ADDRESS CITY STATE ZIP PHONE

owner of record, or duly authorized agent, of Application No. G-14728, Permit No. G-13697, do hereby request that the time in which to:

complete the construction of diversion/appropriation works and/or purchase and installation of the equipment necessary to the use of water, which time now expires on October 1, _____, be extended to October 1, _____.

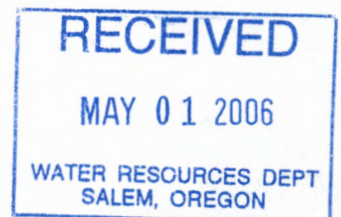
and/or the time in which to:

accomplish beneficial use of water to the full extent under the terms of the permit, which time now expires on October 1, 2003, be extended to October 1, 2008.

NOTE: The extension of time requested should be long enough to finish the project. Should this request be approved, it will be the Department's expectation that you will complete your project within the new time period allowed. Future extensions may not be granted.

Attached is an instruction sheet to assist you in completing the information on the permit extension application form. Oregon Water Law and Administrative Rules requires this information to be considered by the Water Resources Department when reviewing a permit extension application. All items must be completed or the application will be returned. Please feel free to provide the Department with any additional information that would aid us in making our decision. Please use additional sheets of paper as needed to fully respond to the questions.

After reviewing the application form and the instruction sheet, if you have any questions, you may contact the Department at (503) 378-3739, and request assistance from the Water Rights Division, permit extensions personnel.



1. Did water system construction/well drilling begin within the time specified in the permit [yes/æ]?

2. Has construction of diversion/appropriation works, distribution system, and use of water, if any, been accomplished consistent with the limitations and conditions of this permit [yes/æ]?

A) Please describe how you have complied with each applicable permit condition (NOTE: the instruction sheet for permit extension applications provides some direction as to what is an "applicable" condition at time of permit extension review).

We have installed flow meters. We have not kept records of amount of water used. We have allowed the watermaster access to meters. We have not developed a plan to monitor and report the water used. We started construction of the wells before April 19, 2000.

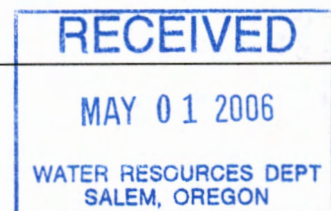
B) If you have not complied with all applicable conditions, please explain the reasons why and indicate a date certain, in the near future, by which time you will be in compliance with applicable conditions.

We hired a consultant to initiate Claims of Beneficial Use (COBU) Reports for five permits that we have. He was unable to do the COBU on this permit because some of the permit conditions had not been met. This March we started the water level measurements required in Permit G-13697. Water level measurements were taken in Williams Well #3, Williams Well #7, and March Well #1. These wells represent the three ground water aquifers that are involved in this permit. The consultant currently is working on a water level monitoring plan, which will be submitted to OWRD by June 1, 2006. We have scheduled PGG Pumps to do pump tests on the above-mentioned wells as the requirement for these wells to come on line for irrigation this coming irrigation season.

3. I have accomplished the following described works, purchases and installation of equipment necessary to the use of water under said permit:

A) Within the past year or, if a prior extension was authorized, during the last permit extension period:

See 2.B)



B) Prior to the past year or, if a prior extension was authorized, prior to the last extension period: Drilled Williams wells #3 and #7; buried nearly a mile of mainline that would allow us to use the other wells (existing at time of application) described in the application; installed 3 center pivots; purchased other equipment required to irrigate nearly 610 acres of the area proposed in the permit.

4. I have accomplished beneficial use of water under the permit to the extent of (amount of water used and acres irrigated):

A) Quantity of Water Used [in cubic feet per second (cfs) or gallons per minute (gpm) if using surface water or ground water.....and/or..... in acre-feet (af) if using stored water]:

We have used 7.6 cfs of water and have irrigated 610 acres from the wells authorized in the permit.

B) Number of Acres Irrigated (if an irrigation permit):

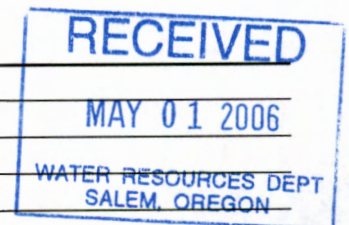
610 acres

5. Cost of project to date \$3/4 million. Estimated remaining cost to complete the project \$10,000. This cost is to prepare, implement and maintain the water usage reporting; take water levels for the monitoring plan and pump test; prepare the COBU report the conditions of the permit.

6. Please list the reasons why the project was not constructed, and/or water not beneficially used within permit time limits under the appropriate categories below. Please provide supporting information for each reason identified:

A) The project is of a size and scope that the original intent was to phase it in over a period longer than the timeframes allowed in the permit.

N/A



B) Financing and/or cash-flow needs to develop the project precluded completion of the project within authorized timeframes.

N/A

- C) Good faith attempts to comply with permit conditions and/or to acquire permits from other agencies, or otherwise comply with government regulations, delayed completion of the project.

We were unaware of the conditions in the permit, requiring water level measurement, monitoring and reporting until consultant informed us of them, during the preparation for the COBU report.

- D) Acts of God or other unforeseen events delayed full development of the water system and use of water.

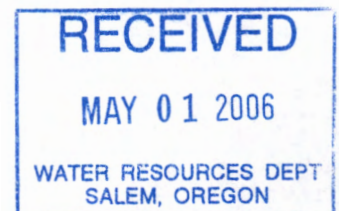
I am the permittee, or have authorization from the permittee, to apply for an extension of time under this permit. I understand that false or misleading statements in this extension application are grounds for the Department to suspend processing of the request and/or reason to deny the extension.

Signature *Tom A. Williams*

Date *4/28/06*

MAIL COMPLETED APPLICATION and STATUTORY FEE OF \$250 TO:

WATER RIGHT PERMIT EXTENSIONS
 WATER RESOURCES DEPARTMENT
 725 SUMMER STREET N.E., SUITE A
 SALEM, OREGON 97301- 1271



**STATE OF OREGON
WATER RESOURCES DEPARTMENT**

725 Summer St. N.E. Ste. A

SALEM, OR 97301-4172

(503) 986-0900 / (503) 986-0904 (fax)

RECEIPT # **81168**

INVOICE # _____

RECEIVED FROM: Williams Dairy Heifer
BY: Raising

APPLICATION	314728
PERMIT	
TRANSFER	

CASH: CHECK: # 38433 OTHER: (IDENTIFY) _____

TOTAL REC'D \$ 250.00

1083 TREASURY 4170 WRD MISC CASH ACCT

0407 COPIES \$ _____
OTHER: (IDENTIFY) _____ \$ _____

0243 I/S Lease _____ 0244 Muni Water Mgmt. Plan _____ 0245 Cons. Water _____

4270 WRD OPERATING ACCT

MISCELLANEOUS

0407 COPY & TAPE FEES \$ _____
0410 RESEARCH FEES \$ _____
0408 MISC REVENUE: (IDENTIFY) _____ \$ _____
TC162 DEPOSIT LIAB. (IDENTIFY) _____ \$ _____
0240 EXTENSION OF TIME \$ 250.00

WATER RIGHTS:

	EXAM FEE		RECORD FEE
0201 SURFACE WATER	\$ _____	0202	\$ _____
0203 GROUND WATER	\$ _____	0204	\$ _____
0205 TRANSFER	\$ _____		

WELL CONSTRUCTION

	EXAM FEE		LICENSE FEE
0218 WELL DRILL CONSTRUCTOR	\$ _____	0219	\$ _____
LANDOWNER'S PERMIT		0220	\$ _____

OTHER (IDENTIFY) _____

0536 TREASURY 0437 WELL CONST. START FEE

0211 WELL CONST START FEE \$ _____ CARD # _____
0210 MONITORING WELLS \$ _____ CARD # _____

OTHER (IDENTIFY) _____

0607 TREASURY 0467 HYDRO ACTIVITY LIC NUMBER

0233 POWER LICENSE FEE (FW/WRD) \$ _____
0231 HYDRO LICENSE FEE (FW/WRD) \$ _____
HYDRO APPLICATION \$ _____

TREASURY OTHER / RDX

FUND _____ TITLE _____
OBJ. CODE _____ VENDOR # _____
DESCRIPTION _____ \$ _____

RECEIPT: **81168**

DATED: 5/1/06 BY: J. Paschke

Oregon Water Resources Department
Water Rights Division

Water Rights Application
Number G-14728

Superseding Final Order

Application History


On April 20, 1998, RAY WILLIAMS, for T. O. WILLIAMS & ASSOC., submitted an application to the Department for a water use permit. The Department issued a Proposed Final Order on February 2, 1999. The protest period closed March 19, 1999. On April 19, 1999, a Final Order was issued, determining that the proposed use would not impair or be detrimental to the public interest.

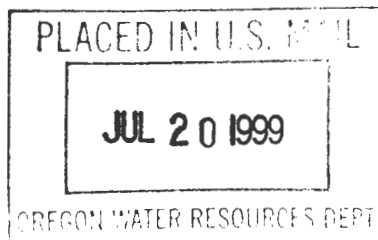
The Department continues to find that the proposed use would not impair or be detrimental to the public interest, but the continuing evaluation reveals that the Proposed Final Order requires modification to correctly describe the maximum rate of water to be allowed. The Proposed Final Order and Final Order unnecessarily limited the amount of water allowed from specific wells, which unnecessarily reduces the flexibility of the proposed use. Additionally, the overall amount allowed from each aquifer will also be modified downward to accurately reflect the amount of water allowed from each aquifer for the individual uses.

Order

Application G-14728 therefore is approved as modified above, and Permit Number is issued as limited by the conditions contained therein.

DATED July 16, 1999


Martha G. Pagel, Director



Appeal Rights

No changes have been made to the findings of the Proposed Final Order and no protests were filed during the protest period following the Proposed Final Order, therefore, there is no opportunity for appeal or judicial review of this final order (690-310-160(5)).

This document was prepared by Russell W. Klassen. If you have any questions about any of the statements contained in this document I am the most likely the best person to answer your questions. You can reach me toll free within Oregon at 1-800-624-3199 extension 266. Outside of Oregon you can dial 1-503-378-8455.

If you have questions about how to file a protest or if you have previously filed a protest and want to know the status, please contact Adam Sussman. His extension number is 262.

If you have other questions about the Department or any of its programs please contact our Water Rights Information Group at extension 499.

STATE OF OREGON

COUNTY OF UMATILLA

PERMIT TO APPROPRIATE THE PUBLIC WATERS

THIS PERMIT IS HEREBY ISSUED TO

T.O. WILLIAMS & ASSOC.

RAY WILLIAMS

49654 UMAPINE ROAD

(541) 558-3918

MILTON FREEWATER, OREGON 97862

The specific limits and conditions of the use are listed below.

APPLICATION FILE NUMBER: G-14728

SOURCE OF WATER: TEN WELLS IN SWARTZ SPRING CANYON AND PINE CREEK BASINS

PURPOSE OR USE: IRRIGATION OF 238.4 ACRES, SUPPLEMENTAL IRRIGATION FROM BOTH AQUIFERS OF 33.0 ACRES, SUPPLEMENTAL IRRIGATION FROM THE BASALT AQUIFER OF 91.8 ACRES, SUPPLEMENTAL IRRIGATION FROM THE ALLUVIAL AQUIFER OF 494.4 ACRES, AND SUPPLEMENTAL IRRIGATION TO MAKE UP A DEFICIENCY IN RATE OF 433.0 ACRES FROM THE BASALT AQUIFER, AND SUPPLEMENTAL IRRIGATION TO MAKE UP A DEFICIENCY IN RATE OF 6.4 ACRES FROM THE ALLUVIAL AQUIFER

MAXIMUM RATE: 9.772 CFS, BEING 2.98 CFS FOR IRRIGATION, 0.412 CFS FOR SUPPLEMENTAL IRRIGATION FROM EITHER AQUIFER, AND 1.15 CFS SUPPLEMENTAL IRRIGATION FROM THE BASALT AQUIFER, AND 4.892 CFS FOR SUPPLEMENTAL IRRIGATION FROM THE ALLUVIAL AQUIFER, 0.338 CFS FOR SUPPLEMENTAL IRRIGATION TO MAKE UP A DEFICIENCY IN RATE FROM THE BASALT AQUIFER, AND 0.006 CFS FOR SUPPLEMENTAL IRRIGATION TO MAKE UP A DEFICIENCY IN RATE FROM THE ALLUVIAL AQUIFER. (FOR DEFICIENT RATE FROM THE BASALT AQUIFER DEFICIENCY SEE CERTIFICATES 30636 AND 30638; FOR DEFICIENT RATE FROM THE ALLUVIAL AQUIFER SEE CERTIFICATES 36131 AND 36132 AND PERMIT G-12940) FURTHER LIMITED TO A MAXIMUM RATE OF 4.88 CFS FROM BASALT WELLS: WILLIAMS WELLS 1, 2, 3, & 4; AND 4.892 CFS FROM ALLUVIAL WELLS: MARCH WELLS 1, 2, & 3, KEY BROTHERS WELLS 1 & 2, AND FROM WILLIAMS WELL 7

PERIOD OF USE: MARCH 1 THROUGH OCTOBER 31

DATE OF PRIORITY: APRIL 20, 1998

POINT OF DIVERSION LOCATION: NE 1/4 NE 1/4, SECTION 22, NE 1/4 NW 1/4, SW 1/4 NW 1/4, SW 1/4 SW 1/4, SE 1/4 SW 1/4, SECTION 23, SE 1/4 SW 1/4,

Application G-14728 Water Resources Department

PERMIT G-13697

SECTION 26, SE 1/4 SE 1/4, SECTION 27, NE 1/4 NW 1/4, NW 1/4 NW 1/4, SECTION 35; MARCH 3 - 150 FEET SOUTH & 110 FEET WEST FROM NE CORNER, SECTION 22; MARCH 1 - 650 FEET SOUTH & 90 FEET WEST FROM N1/4 CORNER, SECTION 23; MARCH 2 - 10 FEET NORTH & 350 FEET EAST FROM W1/4 CORNER, SECTION 23; WILLIAMS 7 - 1000 FEET NORTH & 100 FEET EAST; KEY BROS 1 - 260 FEET NORTH & 1230 FEET EAST; KEY BROS 2 - 30 FEET NORTH & 1620 FEET EAST ALL FROM SW CORNER, SECTION 23; WILLIAMS 2 - 240 FEET NORTH & 2530 FEET EAST FROM SW CORNER, SECTION 26; WILLIAMS 3 - 400 FEET NORTH & 100 FEET WEST FROM SE CORNER, SECTION 27; WILLIAMS 4 - 1353 FEET SOUTH & 1650 FEET EAST; WILLIAMS 1 - 760 FEET SOUTH & 40 FEET EAST BOTH FROM NW CORNER, SECTION 35

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.

BASALT WELLS = Williams 1,2,3, and 4

ALLUVIAL WELL = Williams 7; March 1,2, and 3; and Key Brothers 1 and 2

THE PLACE OF USE BY ACRES PER 1/4 1/4 IS LOCATED AS FOLLOWS:

	IRRI- GATION ACRES	SUPPLE- MENTAL ACRES	SUPPLE- MENTAL BASALT ACRES	SUPPLE- MENTAL ALLUVIAL ACRES	SUPPLE- MENTAL FOR A DEFIC- IENCY BASALT	SUPPLE- MENTAL FOR A DEFIC- IENCY ALLUVIAL	TOTAL SUPPLE- MENTAL ACRES
NE 1/4 NE 1/4	24.9						
NW 1/4 NE 1/4	15.0	23.0					23.0
SW 1/4 NE 1/4	15.9	10.0					10.0
SE 1/4 NE 1/4	16.8						
NE 1/4 SE 1/4	20.7						
NW 1/4 SE 1/4	9.1						
SECTION 22							
NE 1/4 NW 1/4	13.4						
NW 1/4 NW 1/4	15.5		1.6				1.6
SW 1/4 NW 1/4	36.7						
NW 1/4 SW 1/4	5.6						

	IRRI- GATION ACRES	SUPPLE- MENTAL ACRES	SUPPLE- MENTAL BASALT ACRES	SUPPLE- MENTAL ALLUVIAL ACRES	SUPPLE- MENTAL FOR A DEFIC- IENCY BASALT	SUPPLE- MENTAL FOR A DEFIC- IENCY ALLUVIAL	TOTAL SUPPLE- MENTAL ACRES
SW 1/4 SW 1/4			37.3				37.3
SE 1/4 SW 1/4			38.4				38.4
SECTION 23							
NE 1/4 NW 1/4	1.6		8.0	34.8	33.2	6.4	39.6
NW 1/4 NW 1/4				39.6	39.6		39.6
SW 1/4 NW 1/4	4.8			29.2	29.2		29.2
SE 1/4 NW 1/4	2.2			32.9	32.9		32.9
NE 1/4 SW 1/4	7.4		3.5	18.7	15.2		18.7
NW 1/4 SW 1/4	4.5		0.4	37.2	36.8		37.2
SW 1/4 SW 1/4	1.0			37.1	37.1		37.1
SE 1/4 SW 1/4	11.8			25.2	25.2		25.2
SW 1/4 SE 1/4	27.5			12.5	12.5		12.5
SECTION 26							
NE 1/4 NE 1/4			2.2	38.0	35.8		38.0
SE 1/4 NE 1/4			0.4	38.8	38.4		38.8
NE 1/4 SE 1/4				36.7			36.7
SE 1/4 SE 1/4				16.6			16.6
SECTION 27							
NW 1/4 NE 1/4	3.5			37.1	37.1		37.1
NE 1/4 NW 1/4				40.6	40.6		40.6
NW 1/4 NW 1/4	0.5			19.4	19.4		19.4

SECTION 35

TOWNSHIP 6 NORTH, RANGE 34 EAST, W.M.

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, shall keep a complete record of the

amount of water used each month and shall submit a report which includes the recorded water use measurements to the Department annually or more frequently as may be required by the Director. Further, the Director may require the permittee to report general water use information, including the place and nature of use of water under the permit.

- 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.

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.

The water user shall develop a plan to monitor and report the impact of water use under this permit on water levels within the aquifer that provides water to the permitted well(s). The plan shall be submitted to the Department within one year of the date the permit is issued and shall be subject to the approval of the Department. At a minimum, the plan shall include a program to periodically measure static water levels within the permitted well(s) or an adequate substitute such as water levels in nearby wells. The plan shall also stipulate a reference water level against which any water-level declines will be compared. If a well listed on this permit (or replacement well) displays a total static water-level decline of 25 or more feet over any period of years, as compared to the reference level, then the water user shall discontinue use of, or reduce the rate or volume of withdrawal from, the well(s). Such action shall be taken until the water level recovers to above the 25-foot decline level or until the Department determines, based on the water user's and/or the Department's data and analysis, that no action is necessary because the aquifer in question can sustain the observed declines without adversely impacting the resource or senior water rights. The water user shall in no instance allow excessive decline, as defined in Commission rules, to occur within the aquifer as a result of use under this permit.

For Williams Wells 2,3, and 4 ground water for use under this permit shall be produced from the basalt aquifers only.

Ground water for use under this permit shall be produced from no shallower than 120 feet below land surface, unless information obtained during well construction indicates that a shallower casing and seal will adequately prevent interference with nearby surface water sources.

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.

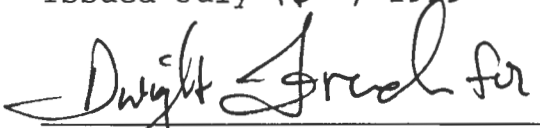
By law, the land use associated with this water use must be in compliance with statewide land-use goals and any local acknowledged land-use plan.

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 well shall begin by April 19, 2000. Complete application of water to the use shall be made on or before October 1, 2003. Within one year after complete application of water to the proposed use, the permittee shall submit a claim of beneficial use, which includes a map and report, prepared by a Certified Water Rights Examiner (CWRE).

Issued July 16 , 1999


Martha O. Pagel, Director
Water Resources Department

Application G-14728
Basin 7
RWK

Water Resources Department
Volume 2 SPRING BR
MGMT.CODES 7AG 7AR 7BG 7BR

PERMIT G-13697
District 5

STATE OF OREGON

COUNTY OF UMATILLA

PERMIT TO APPROPRIATE THE PUBLIC WATERS

THIS PERMIT IS HEREBY ISSUED TO

T.O. WILLIAMS & ASSOC.

RAY WILLIAMS

49654 UMAPINE ROAD

(541)558-3918

MILTON FREEWATER, OREGON 97862

The specific limits and conditions of the use are listed below.

APPLICATION FILE NUMBER: G-14728

SOURCE OF WATER: TEN WELLS IN SWARTZ SPRING CANYON AND PINE CREEK BASINS

PURPOSE OR USE: IRRIGATION OF 238.4 ACRES, SUPPLEMENTAL IRRIGATION FROM BOTH AQUIFERS OF 33.0 ACRES, SUPPLEMENTAL IRRIGATION FROM THE BASALT AQUIFER OF 91.8 ACRES, SUPPLEMENTAL IRRIGATION FROM THE ALLUVIAL AQUIFER OF 494.4 ACRES, AND SUPPLEMENTAL IRRIGATION TO MAKE UP A DEFICIENCY IN RATE OF 433.0 ACRES FROM THE BASALT AQUIFER, AND SUPPLEMENTAL IRRIGATION TO MAKE UP A DEFICIENCY IN RATE OF 6.4 ACRES FROM THE ALLUVIAL AQUIFER

MAXIMUM RATE: 9.772 CFS, BEING 2.98 CFS FOR IRRIGATION, 0.412 CFS FOR SUPPLEMENTAL IRRIGATION FROM EITHER AQUIFER, AND 1.15 CFS SUPPLEMENTAL IRRIGATION FROM THE BASALT AQUIFER, AND 4.892 CFS FOR SUPPLEMENTAL IRRIGATION FROM THE ALLUVIAL AQUIFER, 0.338 CFS FOR SUPPLEMENTAL IRRIGATION TO MAKE UP A DEFICIENCY IN RATE FROM THE BASALT AQUIFER, AND 0.006 CFS FOR SUPPLEMENTAL IRRIGATION TO MAKE UP A DEFICIENCY IN RATE FROM THE ALLUVIAL AQUIFER. (FOR DEFICIENT RATE FROM THE BASALT AQUIFER DEFICIENCY SEE CERTIFICATES 30636 AND 30638; FOR DEFICIENT RATE FROM THE ALLUVIAL AQUIFER SEE CERTIFICATES 36131 AND 36132 AND PERMIT G-12940) FURTHER LIMITED TO A MAXIMUM RATE OF 4.88 CFS FROM BASALT WELLS: WILLIAMS WELLS 1, 2, 3, & 4; AND 4.892 CFS FROM ALLUVIAL WELLS: MARCH WELLS 1, 2, & 3, KEY BROTHERS WELLS 1 & 2, AND FROM WILLIAMS WELL 7

PERIOD OF USE: MARCH 1 THROUGH OCTOBER 31

DATE OF PRIORITY: APRIL 20, 1998

POINT OF DIVERSION LOCATION: NE 1/4 NE 1/4, SECTION 22, NE 1/4 NW 1/4, SW 1/4 NW 1/4, SW 1/4 SW 1/4, SE 1/4 SW 1/4, SECTION 23, SE 1/4 SW 1/4,

Application G-14728 Water Resources Department

PERMIT G-13697

SECTION 26, SE 1/4 SE 1/4, SECTION 27, NE 1/4 NW 1/4, NW 1/4 NW 1/4, SECTION 35; MARCH 3 - 150 FEET SOUTH & 110 FEET WEST FROM NE CORNER, SECTION 22; MARCH 1 - 650 FEET SOUTH & 90 FEET WEST FROM N1/4 CORNER, SECTION 23; MARCH 2 - 10 FEET NORTH & 350 FEET EAST FROM W1/4 CORNER, SECTION 23; WILLIAMS 7 - 1000 FEET NORTH & 100 FEET EAST; KEY BROS 1 - 260 FEET NORTH & 1230 FEET EAST; KEY BROS 2 - 30 FEET NORTH & 1620 FEET EAST ALL FROM SW CORNER, SECTION 23; WILLIAMS 2 - 240 FEET NORTH & 2530 FEET EAST FROM SW CORNER, SECTION 26; WILLIAMS 3 - 400 FEET NORTH & 100 FEET WEST FROM SE CORNER, SECTION 27; WILLIAMS 4 - 1353 FEET SOUTH & 1650 FEET EAST; WILLIAMS 1 - 760 FEET SOUTH & 40 FEET EAST BOTH FROM NW CORNER, SECTION 35

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.

BASALT WELLS = Williams 1,2,3, and 4

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THE PLACE OF USE BY ACRES PER 1/4 1/4 IS LOCATED AS FOLLOWS:

	IRRI- GATION ACRES	SUPPLE- MENTAL ACRES	SUPPLE- MENTAL BASALT ACRES	SUPPLE- MENTAL ALLUVIAL ACRES	SUPPLE- MENTAL FOR A DEFIC- IENCY BASALT	SUPPLE- MENTAL FOR A DEFIC- IENCY ALLUVIAL	TOTAL SUPPLE- MENTAL ACRES
NE 1/4 NE 1/4	24.9						
NW 1/4 NE 1/4	15.0	23.0					23.0
SW 1/4 NE 1/4	15.9	10.0					10.0
SE 1/4 NE 1/4	16.8						
NE 1/4 SE 1/4	20.7						
NW 1/4 SE 1/4	9.1						
SECTION 22							
NE 1/4 NW 1/4	13.4						
NW 1/4 NW 1/4	15.5		1.6				1.6
SW 1/4 NW 1/4	36.7						
NW 1/4 SW 1/4	5.6						

	IRRI- GATION ACRES	SUPPLE- MENTAL ACRES	SUPPLE- MENTAL BASALT ACRES	SUPPLE- MENTAL ALLUVIAL ACRES	SUPPLE- MENTAL FOR A DEFIC- IENCY BASALT	SUPPLE- MENTAL FOR A DEFIC- IENCY ALLUVIAL	TOTAL SUPPLE- MENTAL ACRES
SW 1/4 SW 1/4			37.3				37.3
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SECTION 23							
NE 1/4 NW 1/4	1.6		8.0	34.8	33.2	6.4	39.6
NW 1/4 NW 1/4				39.6	39.6		39.6
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SW 1/4 SW 1/4	1.0			37.1	37.1		37.1
SE 1/4 SW 1/4	11.8			25.2	25.2		25.2
SW 1/4 SE 1/4	27.5			12.5	12.5		12.5
SECTION 26							
NE 1/4 NE 1/4			2.2	38.0	35.8		38.0
SE 1/4 NE 1/4			0.4	38.8	38.4		38.8
NE 1/4 SE 1/4				36.7			36.7
SE 1/4 SE 1/4				16.6			16.6
SECTION 27							
NW 1/4 NE 1/4	3.5			37.1	37.1		37.1
NE 1/4 NW 1/4				40.6	40.6		40.6
NW 1/4 NW 1/4	0.5			19.4	19.4		19.4

SECTION 35

TOWNSHIP 6 NORTH, RANGE 34 EAST, W.M.

Measurement, recording and reporting conditions:

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amount of water used each month and shall submit a report which includes the recorded water use measurements to the Department annually or more frequently as may be required by the Director. Further, the Director may require the permittee to report general water use information, including the place and nature of use of water under the permit.

- 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.

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.

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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.

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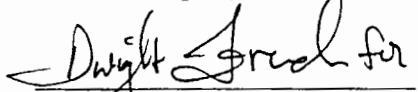
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Issued July 16, 1999

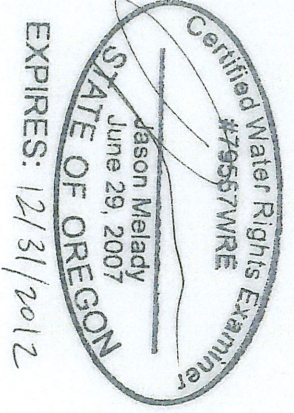
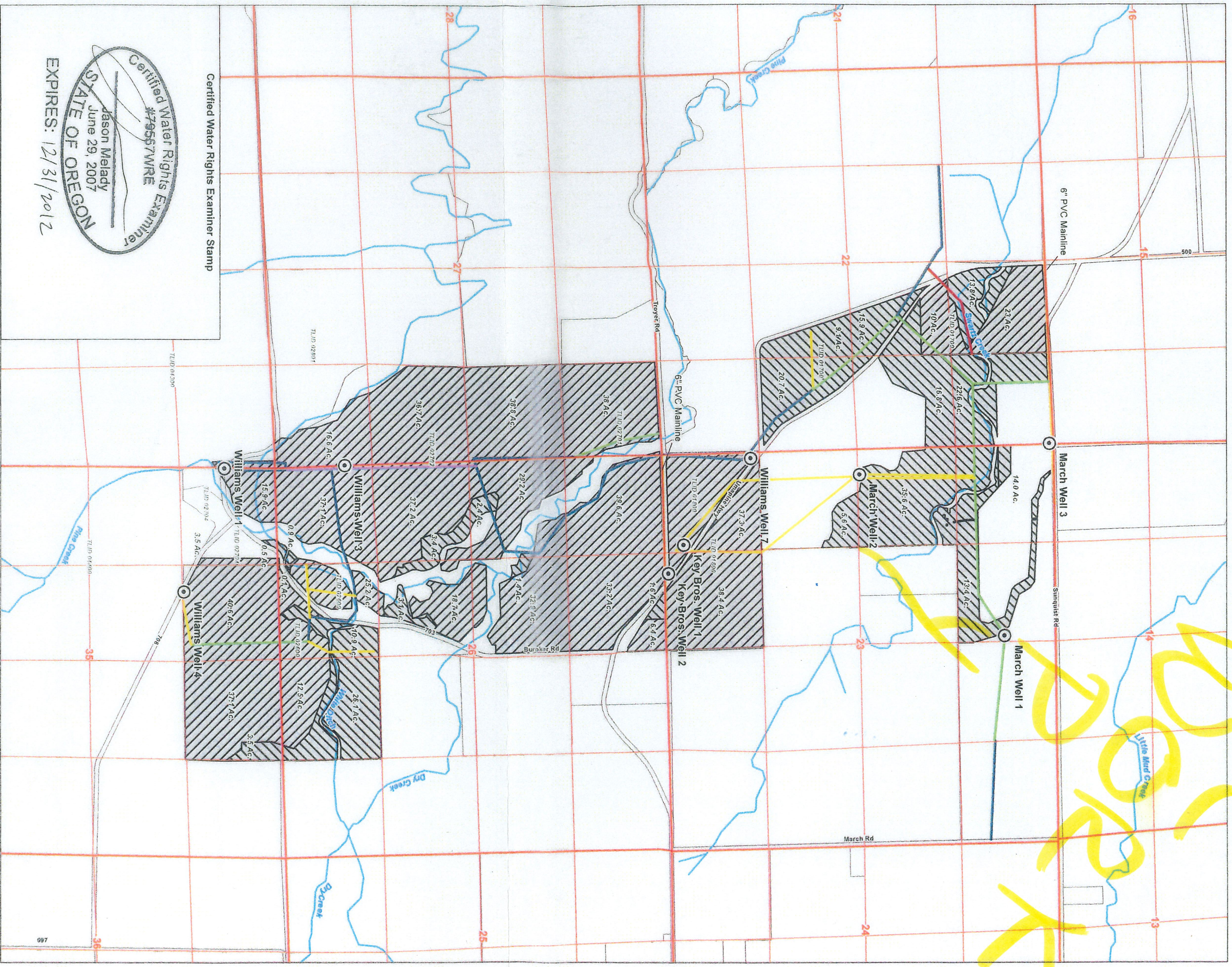

Martha O. Pagel, Director
Water Resources Department

Application G-14728
Basin 7
RWK

Water Resources Department
Volume 2 SPRING BR
MGMT.CODES 7AG 7AR 7BG 7BR

PERMIT G-13697
District 5





- LEGEND**
- Point of Appropriation (POA)
 - ▨ Primary Place of Use (POU)
 - ▨ Supplemental Place of Use (POU)
 - ⊕ Tax Lot
 - Watercourse
 - Irrigation Distribution System
 - 15" Intake Main
 - 12" PVC
 - 10" PVC
 - 8" PVC
 - 6" PVC

MAP NOTES:
 Date: May 23, 2012
 Data Sources: ESRI, OWRD

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 JUN 27 2012
 WATER RESOURCES DEPT
 SALEM OREGON

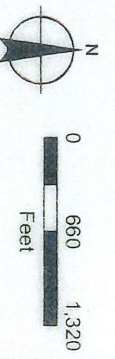
NOTE:
 In-line flow meter installed at the wellhead for each well, with the exception of the Key Brothers wells. A combined power meter to measure flow at both Key Brothers wells is located near Key Brothers Well 2.

POA Legal Description:

- March Well 1 - Located 650 feet South and 90 feet West from the North quarter corner of Section 23, Township 6 North, Range 34 East (W.M.).
- March Well 2 - Located 10 feet North and 350 feet East from the West quarter corner of Section 23, Township 6 North, Range 34 East (W.M.).
- March Well 3 - Located 60 feet South and 10 feet West from the Northwest corner of Section 23, Township 6 North, Range 34 East (W.M.).
- Key Bros. Well 1 - Located 280 feet North and 1,240 feet East from the Southwest corner of Section 23, Township 6 North, Range 34 East (W.M.).
- Key Bros. Well 2 - Located 30 feet North and 1,620 feet East from the Southwest corner of Section 23, Township 6 North, Range 34 East (W.M.).
- Williams Well 1 - Located 670 feet South and 35 feet East from the Northwest corner of Section 35, Township 6 North, Range 34 East (W.M.).
- Williams Well 3 - Located 970 feet North and 5 feet East from the Southwest corner of Section 26, Township 6 North, Range 34 East (W.M.).
- Williams Well 4 - Located 1,290 feet South and 1,710 feet East from the Northwest corner of Section 35, Township 6 North, Range 34 East (W.M.).
- Williams Well 7 - Located 1,230 feet North and 90 feet East from the Southwest corner of Section 23, Township 6 North, Range 34 East (W.M.).

FIGURE 1
Claim of Beneficial Use Map
 Permit G13697 (Application G14728)
 Township 6N, Range 34E
 Sections 22, 23, 26, 27, 34, 35

Disclaimer
 This map was prepared for the purpose of identifying the location of a water right only, and it is not intended to provide legal dimensions or location of property ownership lines.



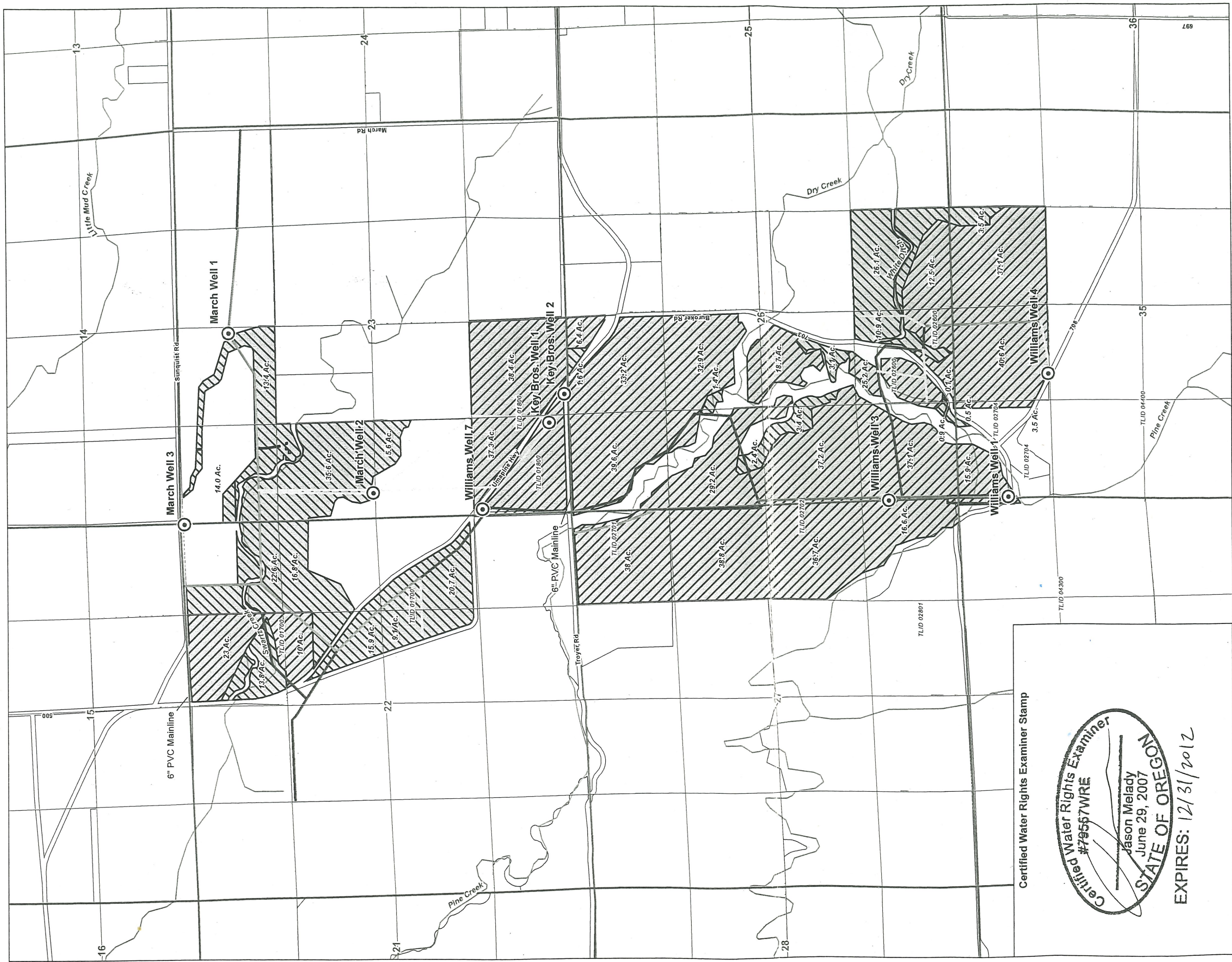
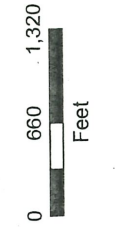


FIGURE 1
Claim of Beneficial Use Map
Permit G13697 (Application G14728)
 Township 6N, Range 34E
 Sections 22, 23, 26, 27, 34, 35

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NOTE:
 in-line flow meter installed at the wellhead for each well, with the exception of the Key Brothers wells. A combined power meter to measure flow at both Key Brothers wells is located near Key Brothers Well 2.

POA Legal Description:
 March Well 1 - Located 650 feet South and 90 feet West from the North quarter corner of Section 23, Township 6 North, Range 34 East (W.M.).
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 Williams Well 3 - Located 970 feet North and 5 feet East from the Southwest corner of Section 26, Township 6 North, Range 34 East (W.M.).
 Williams Well 4 - Located 1,290 feet South and 1,710 feet East from the Northwest corner of Section 35, Township 6 North, Range 34 East (W.M.).
 Williams Well 7 - Located 1,230 feet North and 90 feet East from the Southwest corner of Section 23, Township 6 North, Range 34 East (W.M.).

Certified Water Rights Examiner Stamp

EXPIRES: 12/31/2012

LEGEND

- ⊙ Point of Appropriation (POA)
- ▨ Primary Place of Use (POU)
- ▨ Supplemental Place of Use (POU)
- ⊕ Tax Lot
- ⌒ Watercourse
- ⌒ Irrigation Distribution System
- ⌒ 15" Intake Main
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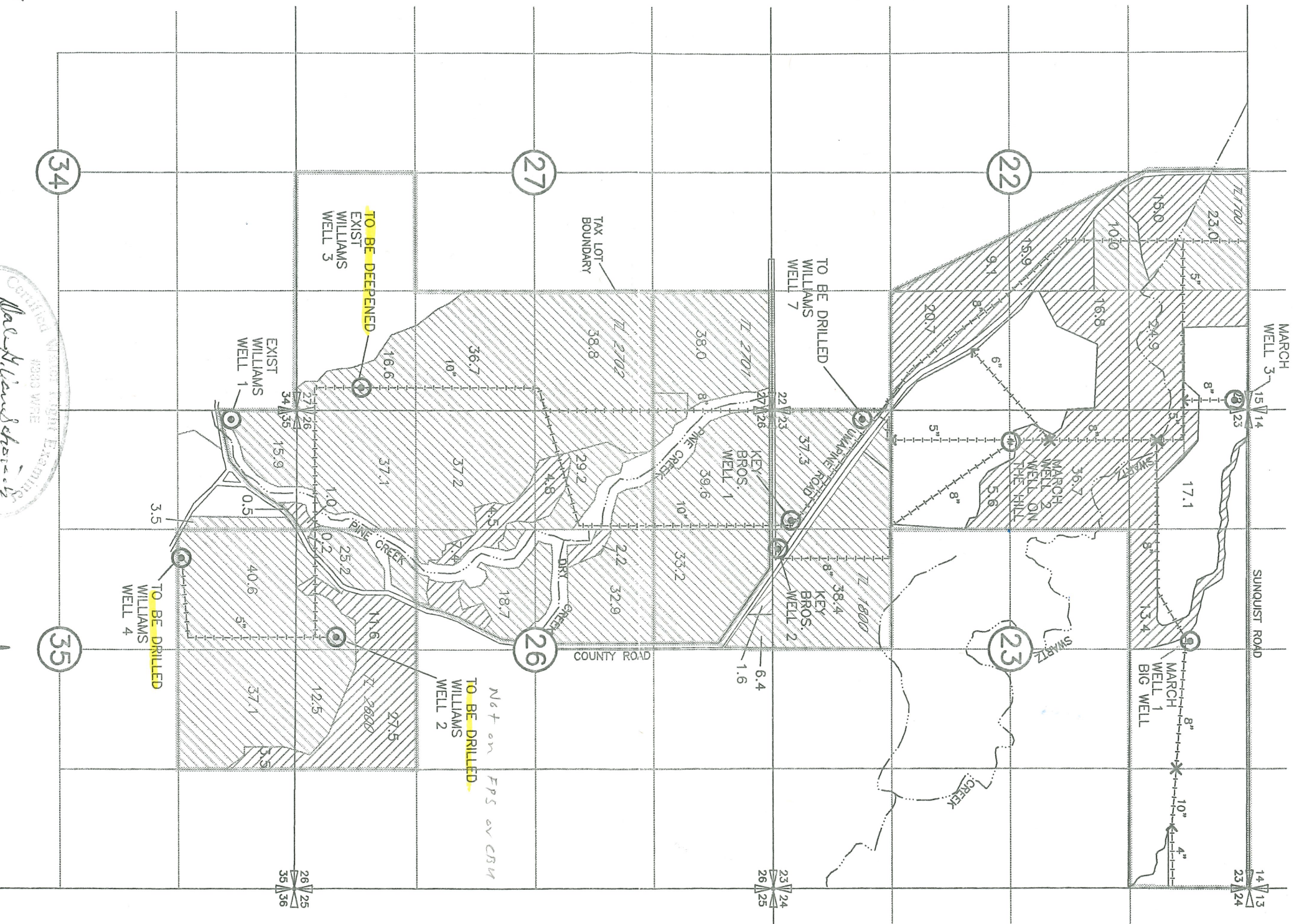
MAP NOTES:
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RECEIVED
 JUN 07 2012
 WATER RESOURCES DEPT
 SALEM OREGON

RECEIVED
 APR 20 1998
 WATER RESOURCES DEPT.
 SALEM, OREGON

GROUNDWATER APPLICATION
 MAP FOR
 Ray Williams of T. O. Williams & Associates
 T 6N, R34E WM

Application No. 6 14728
 Permit No. G13697

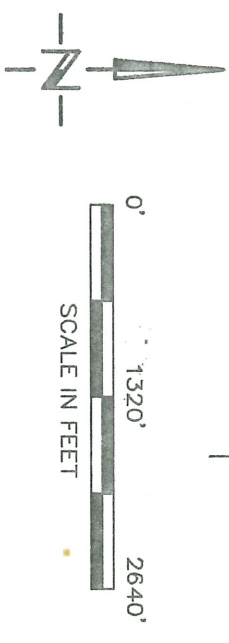


PRIMARY
 SUPPLEMENTAL

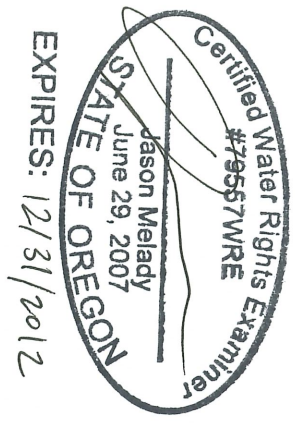
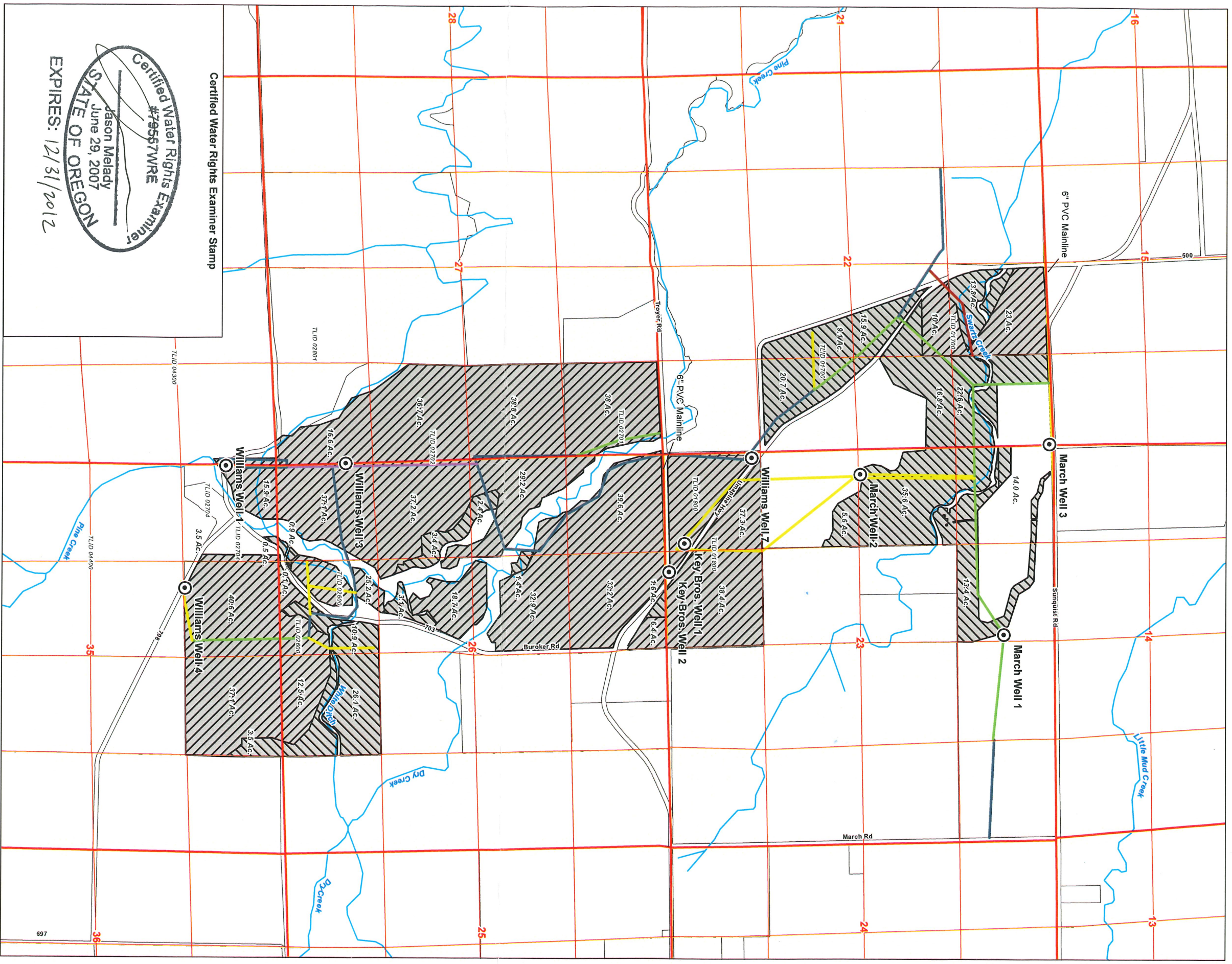
POINTS OF APPROPRIATION

1) MARCH WELL 1	LOCATED	650'	S	AND	90'	W	OF	N	1/4	CORNER	SEC 23
2) MARCH WELL 2	LOCATED	10'	N	AND	350'	E	OF	W	1/4	CORNER	SEC 23
3) MARCH WELL 3	LOCATED	150'	S	AND	110'	V	OF	NE	CORNER	SEC 22	
4) KEY BROS. WELL 1	LOCATED	260'	N	AND	1230'	E	OF	SW	CORNER	SEC 23	
5) KEY BROS. WELL 2	LOCATED	30'	N	AND	1620'	E	OF	SW	CORNER	SEC 23	
6) KEY BROS. WELL 3	LOCATED	30'	N	AND	1620'	E	OF	SW	CORNER	SEC 23	
7) WILLIAMS WELL 1	LOCATED	760'	S	AND	40'	E	OF	NW	CORNER	SEC 35	
8) WILLIAMS WELL 2	LOCATED	240'	N	AND	2530'	E	OF	SW	CORNER	SEC 26	
9) WILLIAMS WELL 3	LOCATED	400'	N	AND	100'	V	OF	SE	CORNER	SEC 27	
10) WILLIAMS WELL 4	LOCATED	1353'	S	AND	1650'	E	OF	NW	CORNER	SEC 35	
11) WILLIAMS WELL 7	LOCATED	1000'	S	AND	100'	E	OF	SW	CORNER	SEC 23	

Certified Water Right Examining
 4833 WIRE
 Ray Williams & Associates
 DELAWARE PROFESSIONAL ENGINEER
 May 1998
 4/1/98



NOTE:
 THE PURPOSE OF THIS MAP IS TO IDENTIFY THE APPROXIMATE LOCATION OF THE WATER RIGHT. IT IS NOT INTENDED TO PROVIDE INFORMATION RELATIVE TO THE LOCATION OF PROPERTY OWNERSHIP BOUNDARY LINES.



- LEGEND**
- ⊙ Point of Appropriation (POA)
 - ▨ Primary Place of Use (POU)
 - ▨ Supplemental Place of Use (POU)
 - ⊕ Tax Lot
 - Watercourse
 - Irrigation Distribution System
 - 15" Intake Main
 - 12" PVC
 - 10" PVC
 - 8" PVC
 - 6" PVC

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JUN 07 2012
WATER RESOURCES DEPT
SALEM OREGON

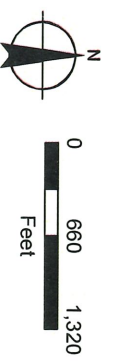
MAP NOTES:
 Date: May 23, 2012
 Data Sources: ESRI, OWRD

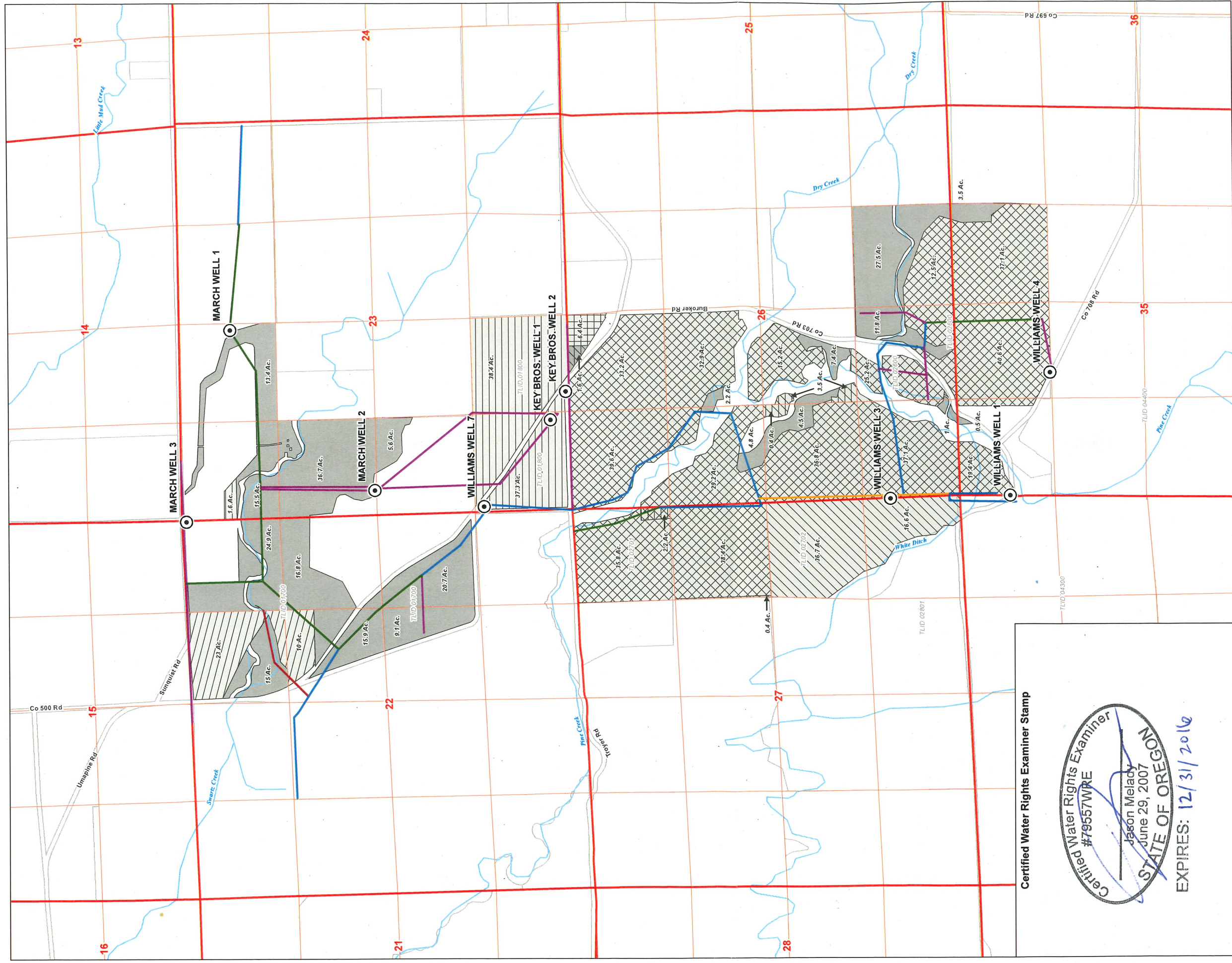
NOTE:
 In-line flow meter installed at the wellhead for each well, with the exception of the Key Brothers wells. A combined power meter to measure flow at both Key Brothers wells is located near Key Brothers Well 2.

POA Legal Description:
 March Well 1 - Located 650 feet South and 90 feet West from the North quarter corner of Section 23, Township 6 North, Range 34 East (W.M.).
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 Williams Well 3 - Located 970 feet North and 5 feet East from the Southwest corner of Section 26, Township 6 North, Range 34 East (W.M.).
 Williams Well 4 - Located 1,250 feet South and 1,710 feet East from the Northwest corner of Section 35, Township 6 North, Range 34 East (W.M.).
 Williams Well 7 - Located 1,230 feet North and 90 feet East from the Southwest corner of Section 23, Township 6 North, Range 34 East (W.M.).

FIGURE 1
Claim of Beneficial Use Map
Permit G13697 (Application G14728)
 Township 6N, Range 34E
 Sections 22, 23, 26, 27, 34, 35

Disclaimer
 This map was prepared for the purpose of identifying the location of a water right only and it is not intended to provide legal dimensions or location of property ownership lines.





LEGEND

● Point of Appropriation (POA)

⊕ Tax Lot

Watercourse

Place of Use

Primary

Supplemental

Supplemental Alluvial

Supplemental Basalt

Supplemental for a Deficiency Alluvial

Supplemental for a Deficiency Basalt

Irrigation Distribution System

15" Intake Main

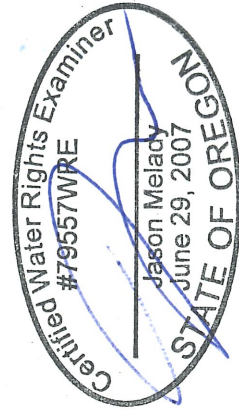
12" PVC

10" PVC

8" PVC

6" PVC

Certified Water Rights Examiner Stamp



EXPIRES: 12/31/2016

MAP NOTES:
Date: December 4, 2014
Data Sources: ESRI, OWRD

NOTE:
In-line flow meter installed at the wellhead for each well, with the exception of the Key Brothers wells. A combined power meter to measure flow at both Key Brothers wells is located near Key Brothers Well 2.

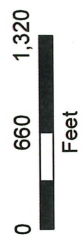
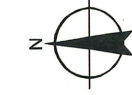
POA Legal Description:

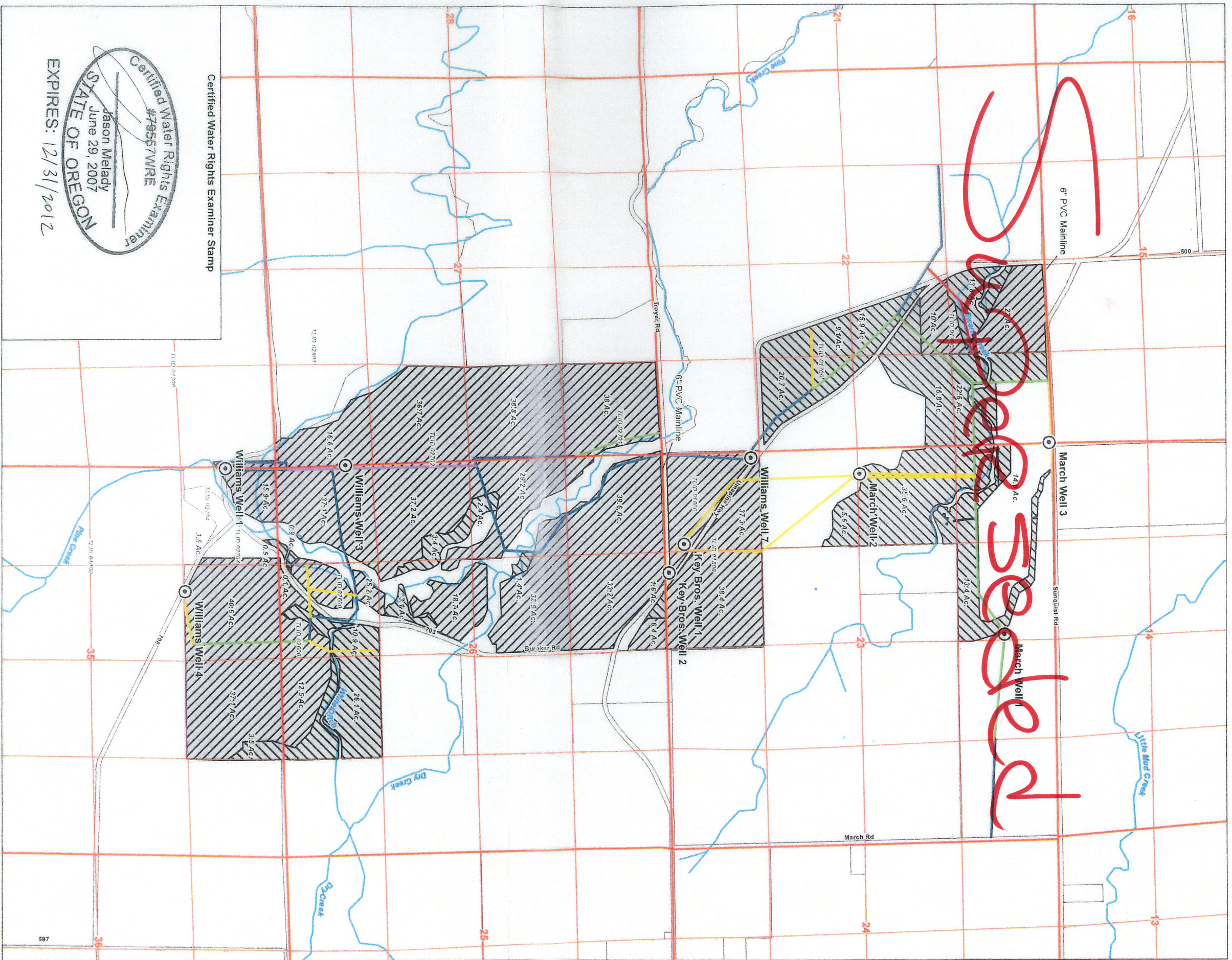
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FIGURE 1
Claim of Beneficial Use Map
Permit G13697 (Application G14728)

Township 6N, Range 34E
Sections 22, 23, 26, 27, 34, 35

Disclaimer
This map was prepared for the purpose of identifying the location of a water right only and it is not intended to provide legal dimensions or location of property ownership lines.





Certified Water Rights Examiner
 #79567WRE
 Jason Melady
 June 29, 2007
STATE OF OREGON
 EXPIRES: 12/31/2012

Certified Water Rights Examiner Stamp

- LEGEND**
- ⊙ Point of Appropriation (POA)
 - ▨ Primary Place of Use (POU)
 - ▨ Supplemental Place of Use (POU)
 - ⊞ Tax Lot
 - Watercourse
- Irrigation Distribution System**
- 15" PVC
 - 12" PVC
 - 10" PVC
 - 8" PVC
 - 6" PVC

SEE PERMIT

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JUN 07 2012

WATER RESOURCES DEPT
SALEM OREGON

NOTE:

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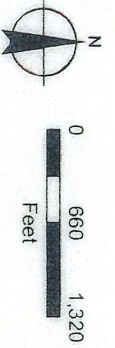
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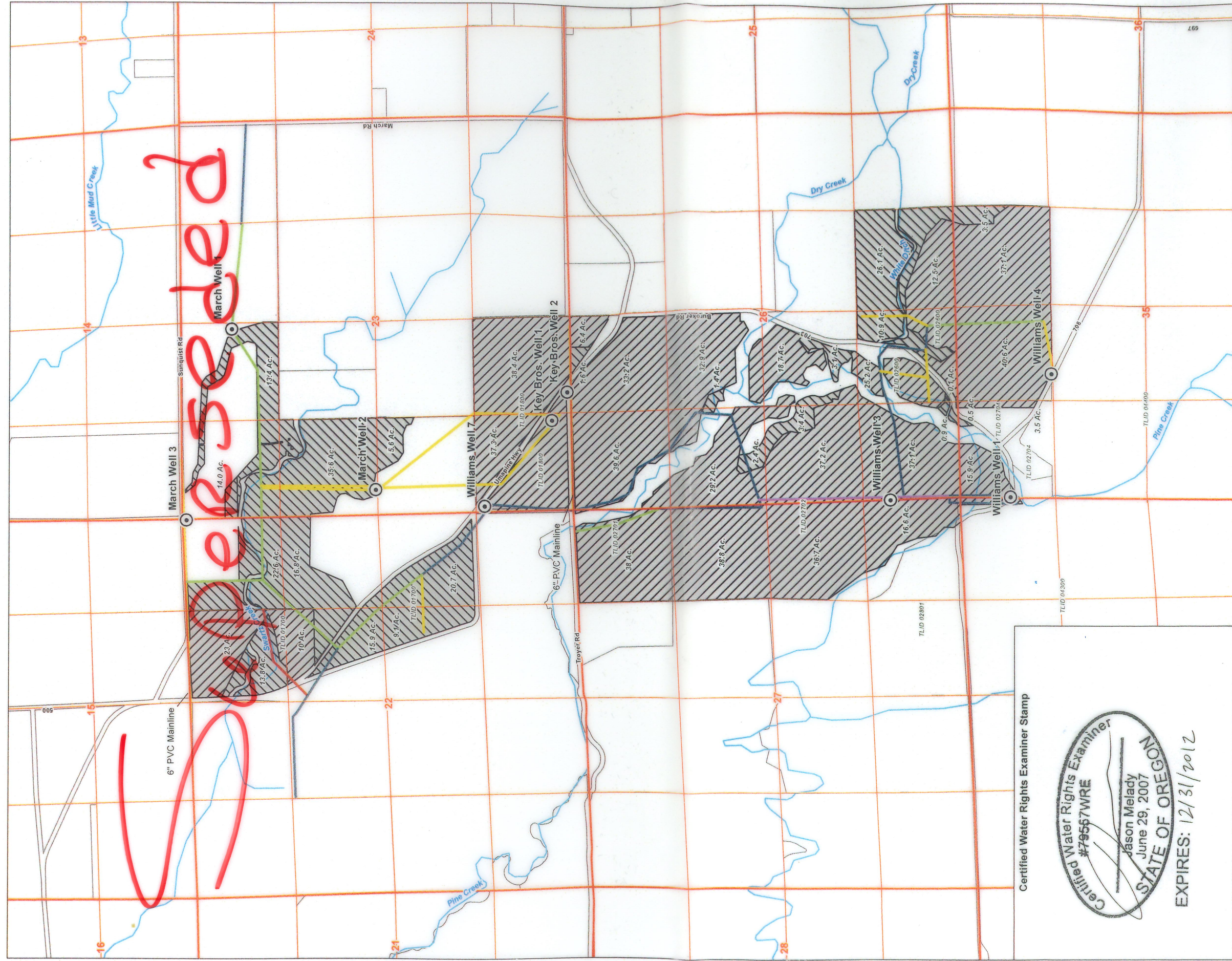
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Claim of Beneficial Use Map
Permit G13697 (Application G14728)
 Township 6N, Range 34E
 Sections 22, 23, 26, 27, 34, 35

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WATER RESOURCES DEPT

Certified Water Rights Examiner Stamp

Certified Water Rights Examiner
 Jason Melady
 June 29, 2007
 STATE OF OREGON

EXPIRES: 12/31/2012

FIGURE 1
Claim of Beneficial Use Map
Permit G13697 (Application G14728)
 Township 6N, Range 34E
 Sections 22, 23, 26, 27, 34, 35

Disclaimer
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0 660 1,320 Feet

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LEGEND

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- ▨ Primary Place of Use (POU)
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- Tax Lot
- Watercourse

Irrigation Distribution System

- 15" Intake Main
- 12" PVC
- 10" PVC
- 8" PVC
- 6" PVC

MAP NOTES:
 Date: May 23, 2012
 Data Sources: ESRI, OWRD

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 JUN 07 2012
 WATER RESOURCES DEPT
 SALEM OREGON



Oregon Water Resources Department
Water Rights Division

Water Rights Application
Number G-14728

Final Order

Application History

On April 20, 1998, RAY WILLIAMS, for T. O. WILLIAMS & ASSOC., submitted an application to the Department for a water use permit. The Department issued a Proposed Final Order on February 2, 1999. The protest period closed March 19, 1999, and no protest was filed.

The proposed use would not impair or be detrimental to the public interest.

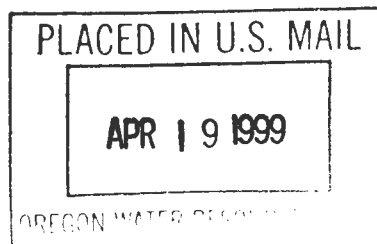
Order

Upon payment of outstanding permit recording fees, Application G-14728 shall be approved as proposed by the Proposed Final Order and as provided on the attached draft permit.

Permit recording fees are required in the amount of \$175.00. Said fees are due and payable no later than 60 days from the date of this Final Order. Failure to pay the required permit recording fees within 60 days from the date of this Final Order will result in the proposed rejection of Application G-14728.

DATED April 16, 1999


Martha O. Pagel, Director



Appeal Rights

No changes have been made to the findings of the Proposed Final Order and no protests were filed during the protest period following the Proposed Final Order, therefore, there is no opportunity for appeal or judicial review of this final order (690-310-160(5)).

This document was prepared by Russell W. Klassen. If you have any questions about any of the statements contained in this document I am the most likely the best person to answer your questions. You can reach me toll free within Oregon at 1-800-624-3199 extension 266. Outside of Oregon you can dial 1-503-378-8455.

If you have questions about how to file a protest or if you have previously filed a protest and want to know the status, please contact Adam Sussman. His extension number is 262.

If you have other questions about the Department or any of its programs please contact our Water Rights Information Group at extension 499.

STATE OF OREGON

COUNTY OF UMATILLA

DRAFT PERMIT TO APPROPRIATE THE PUBLIC WATERS

THIS DRAFT PERMIT IS HEREBY ISSUED TO

T.O. WILLIAMS & ASSOC.

RAY WILLIAMS

49654 UMAPINE ROAD

(541)558-3918

MILTON FREEWATER, OREGON 97862

The specific limits and conditions of the use are listed below.

APPLICATION FILE NUMBER: G-14728

SOURCE OF WATER: TEN WELLS IN SWARTZ SPRING CANYON AND PINE CREEK BASINS

PURPOSE OR USE: IRRIGATION OF 238.4 ACRES, SUPPLEMENTAL IRRIGATION FROM BOTH AQUIFERS OF 33.0 ACRES, SUPPLEMENTAL IRRIGATION FROM THE BASALT AQUIFER OF 91.8 ACRES, SUPPLEMENTAL IRRIGATION FROM THE ALLUVIAL AQUIFER OF 494.4 ACRES, AND SUPPLEMENTAL IRRIGATION TO MAKE UP A DEFICIENCY IN RATE OF 433.0 ACRES FROM THE BASALT AQUIFER, AND SUPPLEMENTAL IRRIGATION TO MAKE UP A DEFICIENCY IN RATE OF 6.4 ACRES FROM THE ALLUVIAL AQUIFER

MAXIMUM RATE: 10.6 CFS, BEING 2.98 CFS FOR IRRIGATION, 0.412 CFS FOR SUPPLEMENTAL IRRIGATION FROM EITHER AQUIFER, AND 1.15 CFS SUPPLEMENTAL IRRIGATION FROM THE BASALT AQUIFER, AND 6.18 CFS FOR SUPPLEMENTAL IRRIGATION FROM THE ALLUVIAL AQUIFER, 0.338 CFS FOR SUPPLEMENTAL IRRIGATION TO MAKE UP A DEFICIENCY IN RATE FROM THE BASALT AQUIFER, AND 0.006 CFS FOR SUPPLEMENTAL IRRIGATION TO MAKE UP A DEFICIENCY IN RATE FROM THE ALLUVIAL AQUIFER. (FOR DEFICIENT RATE FROM THE BASALT AQUIFER DEFICIENCY SEE CERTIFICATES 30636 AND 30638; FOR DEFICIENT RATE FROM THE ALLUVIAL AQUIFER SEE CERTIFICATES 36131 AND 36132 AND PERMIT G-12940) *FURTHER LIMITED TO A MAXIMUM RATE OF 1.0 CFS EACH FROM MARCH WELLS 1, 2, & 3, 2.0 CFS EACH FROM WILLIAMS WELLS 1, 2, 3, & 4, 0.446 CFS EACH FROM KEY BROTHERS WELLS 1 & 2, AND 1.0 CFS FROM WILLIAMS WELL 7*

PERIOD OF USE: MARCH 1 THROUGH OCTOBER 31

DATE OF PRIORITY: APRIL 20, 1998

POINT OF DIVERSION LOCATION: NE 1/4 NE 1/4, SECTION 22, NE 1/4 NW 1/4, SW 1/4 NW 1/4, SW 1/4 SW 1/4, SE 1/4 SW 1/4, SECTION 23, SE 1/4 SW 1/4,

SECTION 26, SE 1/4 SE 1/4, SECTION 27, NE 1/4 NW 1/4, NW 1/4 NW 1/4, SECTION 35; MARCH 3 - 150 FEET SOUTH & 110 FEET WEST FROM NE CORNER, SECTION 22; MARCH 1 - 650 FEET SOUTH & 90 FEET WEST FROM N1/4 CORNER, SECTION 23; MARCH 2 - 10 FEET NORTH & 350 FEET EAST FROM W1/4 CORNER, SECTION 23; WILLIAMS 7 - 1000 FEET NORTH & 100 FEET EAST; KEY BROS 1 - 260 FEET NORTH & 1230 FEET EAST; KEY BROS 2 - 30 FEET NORTH & 1620 FEET EAST ALL FROM SW CORNER, SECTION 23; WILLIAMS 2 - 240 FEET NORTH & 2530 FEET EAST FROM SW CORNER, SECTION 26; WILLIAMS 3 - 400 FEET NORTH & 100 FEET WEST FROM SE CORNER, SECTION 27; WILLIAMS 4 - 1353 FEET SOUTH & 1650 FEET EAST; WILLIAMS 1 - 760 FEET SOUTH & 40 FEET EAST BOTH FROM NW CORNER, SECTION 35

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.

BASALT WELLS = Williams 1,2,3, and 4

ALLUVIAL WELL = Williams 7; March 1,2, and 3; and Key Brothers 1 and 2

THE PLACE OF USE BY ACRES PER 1/4 1/4 IS LOCATED AS FOLLOWS:

	IRRI- GATION ACRES	SUPPLE- MENTAL ACRES	SUPPLE- MENTAL BASALT ACRES	SUPPLE- MENTAL ALLUVIAL ACRES	SUPPLE- MENTAL FOR A DEFIC- IENCY BASALT	SUPPLE- MENTAL FOR A DEFIC- IENCY ALLUVIAL	TOTAL SUPPLE- MENTAL ACRES
NE 1/4 NE 1/4	24.9						
NW 1/4 NE 1/4	15.0	23.0					23.0
SW 1/4 NE 1/4	15.9	10.0					10.0
SE 1/4 NE 1/4	16.8						
NE 1/4 SE 1/4	20.7						
NW 1/4 SE 1/4	9.1						
SECTION 22							
NE 1/4 NW 1/4	13.4						
NW 1/4 NW 1/4	15.5		1.6				1.6
SW 1/4 NW 1/4	36.7						
NW 1/4 SW 1/4	5.6						

IRRI- GATION ACRES	SUPPLE- MENTAL ACRES	SUPPLE- MENTAL BASALT ACRES	SUPPLE- MENTAL ALLUVIAL ACRES	SUPPLE- MENTAL FOR A DEFIC- IENCY BASALT	SUPPLE- MENTAL FOR A DEFIC- IENCY ALLUVIAL	TOTAL SUPPLE- MENTAL ACRES
SW 1/4 SW 1/4		37.3				37.3
SE 1/4 SW 1/4		38.4				38.4
SECTION 23						
NE 1/4 NW 1/4	1.6	8.0	34.8	33.2	6.4	39.6
NW 1/4 NW 1/4			39.6	39.6		39.6
SW 1/4 NW 1/4	4.8		29.2	29.2		29.2
SE 1/4 NW 1/4	2.2		32.9	32.9		32.9
NE 1/4 SW 1/4	7.4	3.5	18.7	15.2		18.7
NW 1/4 SW 1/4	4.5	0.4	37.2	36.8		37.2
SW 1/4 SW 1/4	1.0		37.1	37.1		37.1
SE 1/4 SW 1/4	11.8		25.2	25.2		25.2
SW 1/4 SE 1/4	27.5		12.5	12.5		12.5
SECTION 26						
NE 1/4 NE 1/4		2.2	38.0	35.8		38.0
SE 1/4 NE 1/4		0.4	38.8	38.4		38.8
NE 1/4 SE 1/4			36.7			36.7
SE 1/4 SE 1/4			16.6			16.6
SECTION 27						
NW 1/4 NE 1/4	3.5		37.1	37.1		37.1
NE 1/4 NW 1/4			40.6	40.6		40.6
NW 1/4 NW 1/4	0.5		19.4	19.4		19.4
SECTION 35						
TOWNSHIP 6 NORTH, RANGE 34 EAST, W.M.						

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, shall keep a complete record of the

amount of water used each month and shall submit a report which includes the recorded water use measurements to the Department annually or more frequently as may be required by the Director. Further, the Director may require the permittee to report general water use information, including the place and nature of use of water under the permit.

- 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.

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.

The water user shall develop a plan to monitor and report the impact of water use under this permit on water levels within the aquifer that provides water to the permitted well(s). The plan shall be submitted to the Department within one year of the date the permit is issued and shall be subject to the approval of the Department. At a minimum, the plan shall include a program to periodically measure static water levels within the permitted well(s) or an adequate substitute such as water levels in nearby wells. The plan shall also stipulate a reference water level against which any water-level declines will be compared. If a well listed on this permit (or replacement well) displays a total static water-level decline of 25 or more feet over any period of years, as compared to the reference level, then the water user shall discontinue use of, or reduce the rate or volume of withdrawal from, the well(s). Such action shall be taken until the water level recovers to above the 25-foot decline level or until the Department determines, based on the water user's and/or the Department's data and analysis, that no action is necessary because the aquifer in question can sustain the observed declines without adversely impacting the resource or senior water rights. The water user shall in no instance allow excessive decline, as defined in Commission rules, to occur within the aquifer as a result of use under this permit.

For Williams Wells 2,3, and 4 ground water for use under this permit shall be produced from the basalt aquifers only.

Ground water for use under this permit shall be produced from no shallower than 120 feet below land surface, unless information obtained during well construction indicates that a shallower casing and seal will adequately prevent interference with nearby surface water sources.

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 well shall begin by April 16 , 2000. Complete application of water to the use shall be made on or before October 1, 2003. Within one year after complete application of water to the proposed use, the permittee shall submit a claim of beneficial use, which includes a map and report, prepared by a Certified Water Rights Examiner (CWRE).

Issued _____, 199_

DRAFT - THIS IS NOT A PERMIT

Martha O. Pagel, Director
Water Resources Department

Application G-14728 Water Resources Department
Basin 7 Volume 2 SPRING BR
RWK MGMT.CODES 7AG 7AR 7BG 7BR

PERMIT DRAFT
District 5

Mailing List for FO Copies

Application#G-14728 Mailing List Printed March 30, 1999

Original mailed to (when permit issued, include copy of permit map):

Applicant: T.O. WILLIAMS & ASSOC., RAY WILLIAMS, 49654 UMAPINE ROAD,
MILTON FREEWATER, OREGON 97862

For FO w/Draft Permit - Copies sent to:

1. WRD - File # G-14728

For FO w/ Draft Permit - FO and Map Copies sent to:

2. WRD - Watermaster District #: 5
3. WRD - Regional Manager: NCR

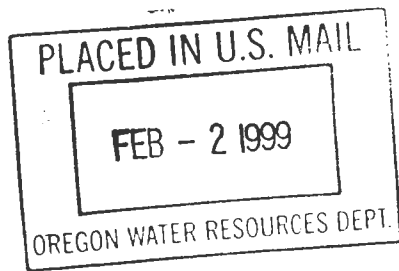
COPIES TO Other Interested Persons

4. Dale G. VanScholack (CWRE)

CASEWORKER: RWK

Copies Mailed	
By:	<u> RW </u>
	(SUPPORT STAFF)
on:	<u> 4/19/99 </u>
	(DATE)

Oregon Water Resources Department
Water Rights Division



Water Rights Application
Number G-14728

Proposed Final Order

Summary of Recommendation: The Department recommends that the attached draft permit be issued with conditions.

Application History

On April 20, 1998, RAY WILLIAMS, for T. O. WILLIAMS & ASSOC., submitted an application to the Department for the following water use permit:

- Amount of Water: 5800.0 GALLONS PER MINUTE, BEING 450.0 GPM(1.0 CFS) EACH FROM MARCH WELLS 1, 2, & 3, 900.0 GPM(2.0 CFS) EACH FROM WILLIAMS WELLS 1, 2, 3, & 4, 200.0 GPM(0.446 CFS) EACH FROM KEY BROS. WELLS 1 & 2, AND 450.0 GPM(1.0 CFS) FROM WILLIAMS WELL 7
- Use of Water: IRRIGATION OF 240.0 ACRES AND SUPPLEMENTAL IRRIGATION OF 607.9 ACRES
- Source of Water: TEN WELLS IN SWARTZ SPRING CANYON AND PINE CREEK BASINS
- Area of Proposed Use: UMATILLA County within SECTION 22, SECTION 23, SECTION 26, SECTION 27, SECTION 35, TOWNSHIP 6 NORTH, RANGE 34 EAST, W.M.

On 7/24/98, the Department mailed the applicant notice of its Initial Review, determining that "The use of 10.51 CUBIC FEET PER SECOND, BEING NO MORE THAN 450.0 GPM EACH FROM MARCH WELLS 1, 2, & 3; NO MORE THAN 900.0 GPM EACH FROM WILLIAMS WELLS 1, 2, 3, & 4; NO MORE THAN 200.0 GPM EACH FROM KEY BROS. WELLS 1 & 2; AND NO MORE THAN 450.0 GPM FROM WILLIAMS WELL 7 from TEN WELLS IN SWARTZ SPRING CANYON AND PINE CREEK BASINS for IRRIGATION OF 240.0 ACRES AND SUPPLEMENTAL IRRIGATION OF 607.9 ACRES is allowable from March 1 through October 31 of each year." The applicant did not notify the Department to stop processing the application within 14 days of that date.

On 8/11/98, the Department gave public notice of the application in its weekly notice. The public notice included a request for comments, and information for interested persons about both obtaining future notices and a copy of the proposed final order.

No written comments were received within 30 days.

In reviewing applications, the Department may consider any relevant sources of information, including the following:

- comments by or consultation with another state agency
- any applicable basin program
- any applicable comprehensive plan or zoning ordinance
- the amount of water available
- the rate and duty for the proposed use
- pending senior applications and existing water rights of record
- designations of any critical groundwater areas
- the Scenic Waterway requirements of ORS 390.835
- applicable statutes, administrative rules, and case law
- any general basin-wide standard for flow rate and duty of water allowed
- the need for a flow rate and duty higher than the general standard
- any comments received

Findings of Fact

The Umatilla Basin Program allows the following uses: IRRIGATION.

Rights of record exist for some of the lands proposed for use under this application. The lands with existing water rights will be limited to supplemental irrigation from the aquifer not allowed under the existing right if the existing right allowed the full rate and duty. If the existing right did not allow the full rate and duty then supplemental to make up a deficiency in rate will be allowed from the source that was allowed under the existing right as well as supplemental irrigation from the aquifer not allowed under the existing right.

TEN WELLS IN SWARTZ SPRING CANYON AND PINE CREEK BASINS are not within or above a State Scenic Waterway.

An assessment of water availability has been completed by the Department's groundwater section. A copy of this assessment is in the file. This assessment determined that water is available for further appropriation during the period requested, March 1 through October 31.

The Department finds that not to exceed a maximum cumulative total of 10.6 CFS, being 1.0 CFS each from March Wells 1, 2, & 3, 2.0 CFS each from Williams Wells 1, 2, 3, & 4, 0.446 CFS each from Key Bros. Wells 1 & 2, and 1.0 CFS from Williams Well 7, would be necessary for the proposed use. The amount of water requested, 12.9 CFS, shall be restricted to 10.6 CFS.

The proposed wells are not within a designated critical ground water area.

The Department determined, based upon OAR 690-09, that the proposed groundwater use will, if properly conditioned, adequately protect the surface water from interference.

The Groundwater Section finds that there **is NOT** a preponderance of evidence that the proposed use of groundwater 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.

Conclusions of Law

Under the provisions of ORS 537.621, the Department must presume that a proposed use will ensure the preservation of the public welfare, safety and health if the proposed use is allowed in the applicable basin program established pursuant to ORS 536.300 and 536.340 or given a preference under ORS 536.310(12), if water is available, if the proposed use will not injure other water rights and if the proposed use complies with rules of the Water Resources Commission.

The proposed use requested in this application is allowed in the Umatilla Basin Plan.

No preference for this use is granted under the provisions of ORS 536.310(12).

Water is available for the proposed use.

The proposed use will not injure other water rights.

The proposed use complies with other rules of the Water Resources Commission not otherwise described above.

The proposed use complies with the State Agency Agreement for land use.

No proposed flow rate and duty of water higher than the general basin-wide standard is needed.

For these reasons, the required presumption has been established.

Under the provisions of ORS 537.621, once the presumption has been established, it may be overcome by a preponderance of evidence that either:

- (a) One or more of the criteria for establishing the presumption are not satisfied; or
- (b) The proposed use would not ensure the preservation of the public welfare, safety and health as demonstrated in comments, in a protest . . . or in a finding of the department that shows:
 - (A) The specific aspect of the public welfare, safety and health under ORS 537.525 that would be impaired or detrimentally affected; and
 - (B) Specifically how the identified aspect of the public welfare, safety and health under ORS 537.525 would be impaired or be adversely affected.

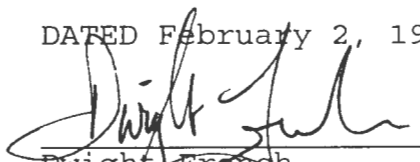
In this application, all criteria for establishing the presumption have been satisfied, as noted above. The presumption has not been overcome by a preponderance of evidence that the proposed use would impair or be detrimental to the public interest.

The Department therefore concludes that water is available in the amount necessary for the proposed use; the proposed use will not result in injury to existing water rights; and the proposed use would ensure the preservation of the public welfare, safety and health as described in ORS 537.525.

Recommendation

The Department recommends that the attached draft permit be issued with conditions.

DATED February 2, 1999


Dwight French
Water Rights Section Manager

*If you have any questions,
please check the information
box on the last page for the
appropriate names and
phone numbers.*

Protest Rights and Standing

Under the provisions of 537.621(7), you have the right to protest this proposed final order. Your protest must be in writing, and must include the following:

- Your name, address, and telephone number;
- A description of your interest in the proposed final order, and, if you claim to represent the public interest, a precise statement of the public interest represented;
- A detailed description of how the action proposed in this proposed final order would impair or be detrimental to your interest;
- A detailed description of how the proposed final order is in error or deficient, and how to correct the alleged error or deficiency;
- Any citation of legal authority to support your protest, if known; and
- If you are not the applicant, the \$200 protest fee required by ORS 536.050 and proof of service of the protest upon the applicant.
- If you are the applicant, a statement of whether or not you are requesting a contested case hearing. If you do not request a hearing, the Department will presume that you do not wish to contest the findings of the proposed final order.
- If you do not protest this Proposed Final Order and if no substantive changes are made in the final order, you will not have an opportunity for judicial review, protest or appeal of the final order when it is issued.

Requests for Standing

Under the provisions of 537.621(6), persons other than the applicant who support a proposed final order may request standing for purposes of participating in any contested case proceeding on the proposed final order or for judicial review of a final order. A request for standing shall be in writing, include a statement that the requester supports the proposed final order, and a statement of how the requester would be harmed if the proposed final order is modified. The fee required at the time of submitting this request is \$50.00. If a hearing is scheduled, an additional fee of \$150.00 must be submitted along with a request for intervention. Forms to request standing are available from the Department.

Your protest or request for standing must be received in the Water Resources Department no later than **March 19, 1999**.

After the protest period has ended, the Director will either issue a final order or schedule a contested case hearing. The contested case hearing will be scheduled only if a protest has been submitted and if

- upon review of the issues, the director finds that there are significant disputes related to the proposed use of water, or
- the applicant requests a contested case hearing within 30 days after the close of the protest period.

This document was prepared by Russell W. Klassen. If you have any questions about any of the statements contained in this document I am most likely the best person to answer your questions. You can reach me toll free within Oregon at 1-800-624-3199 extension 266. Outside of Oregon you can dial 1-503-378-8455.

If you have questions about how to file a protest or if you have previously filed a protest and want to know the status, please contact Adam Sussman. His extension number is 262.

If you have other questions about the Department or any of its programs please contact our Water Rights Information Group at extension 499.

DRAFT

This is not a permit!!!
STATE OF OREGON

DRAFT

COUNTY OF UMATILLA

DRAFT PERMIT TO APPROPRIATE THE PUBLIC WATERS

THIS DRAFT PERMIT IS HEREBY ISSUED TO

RAY WILLIAMS
T.O. WILLIAMS & ASSOC.
49654 UMAPINE ROAD
MILTON FREEWATER, OREGON 97862

(541)558-3918

The specific limits and conditions of the use are listed below.

APPLICATION FILE NUMBER: G-14728

SOURCE OF WATER: TEN WELLS IN SWARTZ SPRING CANYON AND PINE CREEK BASINS

PURPOSE OR USE: IRRIGATION OF 238.4 ACRES, SUPPLEMENTAL IRRIGATION FROM BOTH AQUIFERS OF 33.0 ACRES, SUPPLEMENTAL IRRIGATION FROM THE BASALT AQUIFER OF 91.8 ACRES, SUPPLEMENTAL IRRIGATION FROM THE ALLUVIAL AQUIFER OF 494.4 ACRES, AND SUPPLEMENTAL IRRIGATION TO MAKE UP A DEFICIENCY IN RATE OF 433.0 ACRES FROM THE BASALT AQUIFER, AND SUPPLEMENTAL IRRIGATION TO MAKE UP A DEFICIENCY IN RATE OF 6.4 ACRES FROM THE ALLUVIAL AQUIFER

MAXIMUM RATE: 10.6 CFS, BEING 2.98 CFS FOR IRRIGATION, 0.412 CFS FOR SUPPLEMENTAL IRRIGATION FROM EITHER AQUIFER, AND 1.15 CFS SUPPLEMENTAL IRRIGATION FROM THE BASALT AQUIFER, AND 6.18 CFS FOR SUPPLEMENTAL IRRIGATION FROM THE ALLUVIAL AQUIFER, 0.338 CFS FOR SUPPLEMENTAL IRRIGATION TO MAKE UP A DEFICIENCY IN RATE FROM THE BASALT AQUIFER, AND 0.006 CFS FOR SUPPLEMENTAL IRRIGATION TO MAKE UP A DEFICIENCY IN RATE FROM THE ALLUVIAL AQUIFER. (FOR DEFICIENT RATE FROM THE BASALT AQUIFER DEFICIENCY SEE CERTIFICATES 30636 AND 30638; FOR DEFICIENT RATE FROM THE ALLUVIAL AQUIFER SEE CERTIFICATES 36131 AND 36132 AND PERMIT G-12940)

FURTHER LIMITED TO A MAXIMUM RATE OF 1.0 CFS EACH FROM MARCH WELLS 1, 2, & 3, 2.0 CFS EACH FROM WILLIAMS WELLS 1, 2, 3, & 4, 0.446 CFS EACH FROM KEY BROTHERS WELLS 1 & 2, AND 1.0 CFS FROM WILLIAMS WELL 7

PERIOD OF USE: MARCH 1 THROUGH OCTOBER 31

DATE OF PRIORITY: APRIL 20, 1998

POINT OF DIVERSION LOCATION: NE 1/4 NE 1/4, SECTION 22, NE 1/4 NW 1/4, SW 1/4 NW 1/4, SW 1/4 SW 1/4, SE 1/4 SW 1/4, SECTION 23, SE 1/4 SW 1/4, SECTION 26, SE 1/4 SE 1/4, SECTION 27, NE 1/4 NW 1/4, NW 1/4 NW 1/4, SECTION 35; MARCH 3 - 150 FEET SOUTH & 110 FEET WEST FROM NE CORNER, SECTION 22; MARCH 1 - 650 FEET SOUTH & 90 FEET WEST FROM N1/4 CORNER, SECTION 23; MARCH 2 - 10 FEET NORTH & 350 FEET EAST FROM W1/4 CORNER, SECTION 23; WILLIAMS 7 - 1000 FEET NORTH & 100 FEET EAST; KEY BROS 1 - 260 FEET NORTH & 1230 FEET EAST; KEY BROS 2 - 30 FEET NORTH & 1620 FEET EAST ALL FROM SW CORNER, SECTION 23; WILLIAMS 2 - 240 FEET NORTH & 2530

Application G-14728 Water Resources Department

PERMIT DRAFT

FEET EAST FROM SW CORNER, SECTION 26; WILLIAMS 3 - 400 FEET NORTH & 100 FEET WEST FROM SE CORNER, SECTION 27; WILLIAMS 4 - 1353 FEET SOUTH & 1650 FEET EAST; WILLIAMS 1 - 760 FEET SOUTH & 40 FEET EAST BOTH FROM NW CORNER, SECTION 35

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.

BASALT WELLS = Williams 1,2,3, and 4

ALLUVIAL WELL = Williams 7; March 1,2, and 3; and Key Brothers 1 and 2

THE PLACE OF USE BY ACRES PER 1/4 1/4 IS LOCATED AS FOLLOWS:

	IRRI- GATION ACRES	SUPPLE- MENTAL ACRES	SUPPLE- MENTAL BASALT ACRES	SUPPLE- MENTAL ALLUVIAL ACRES	SUPPLE- MENTAL FOR A DEFIC- IENCY BASALT	SUPPLE- MENTAL FOR A DEFIC- IENCY ALLUVIAL	TOTAL SUPPLE- MENTAL ACRES
NE 1/4 NE 1/4	24.9						
NW 1/4 NE 1/4	15.0	23.0					23.0
SW 1/4 NE 1/4	15.9	10.0					10.0
SE 1/4 NE 1/4	16.8						
NE 1/4 SE 1/4	20.7						
NW 1/4 SE 1/4	9.1						
SECTION 22							
NE 1/4 NW 1/4	13.4						
NW 1/4 NW 1/4	15.5		1.6				1.6
SW 1/4 NW 1/4	36.7						
NW 1/4 SW 1/4	5.6						
SW 1/4 SW 1/4			37.3				37.3
SE 1/4 SW 1/4			38.4				38.4
SECTION 23							
NE 1/4 NW 1/4	1.6		8.0	34.8	33.2	6.4	39.6
NW 1/4 NW 1/4				39.6	39.6		39.6
SW 1/4 NW 1/4	4.8			29.2	29.2		29.2
SE 1/4 NW 1/4	2.2			32.9	32.9		32.9
NE 1/4 SW 1/4	7.4		3.5	18.7	15.2		18.7
NW 1/4 SW 1/4	4.5		0.4	37.2	36.8		37.2
SW 1/4 SW 1/4	1.0			37.1	37.1		37.1
SE 1/4 SW 1/4	11.8			25.2	25.2		25.2
SW 1/4 SE 1/4	27.5			12.5	12.5		12.5
SECTION 26							

	IRRI- GATION ACRES	SUPPLE- MENTAL ACRES	SUPPLE- MENTAL BASALT ACRES	SUPPLE- MENTAL ALLUVIAL ACRES	SUPPLE- MENTAL FOR A DEFIC- IENCY BASALT	SUPPLE- MENTAL FOR A DEFIC- IENCY ALLUVIAL	TOTAL SUPPLE- MENTAL ACRES
E 1/4 NE 1/4			2.2	38.0	35.8		38.0
E 1/4 NE 1/4			0.4	38.8	38.4		38.8
E 1/4 SE 1/4				36.7			36.7
E 1/4 SE 1/4				16.6			16.6
SECTION 27							
W 1/4 NE 1/4	3.5			37.1	37.1		37.1
E 1/4 NW 1/4				40.6	40.6		40.6
W 1/4 NW 1/4	0.5			19.4	19.4		19.4
SECTION 35							
TOWNSHIP 6 NORTH, RANGE 34 EAST, W.M.							

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, shall keep a complete record of the amount of water used each month and shall submit a report which includes the recorded water use measurements to the Department annually or more frequently as may be required by the Director. Further, the Director may require the permittee to report general water use information, including the place and nature of use of water under the permit.
- 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.

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.

The water user shall develop a plan to monitor and report the impact of water use under this permit on water levels within the aquifer that provides water to the permitted well(s). The plan shall be submitted to the Department within one year of the date the permit is issued and shall be subject to the approval of the Department. At a minimum, the plan shall include a program to periodically measure static water levels within the permitted well(s) or an adequate substitute such as water levels in nearby wells. The plan shall also stipulate a reference water level against which any water-level declines will be compared. If a well listed on this permit (or replacement well) displays a total static water-level decline of 25 or more feet over any period of years, as compared to the reference level, then the water user shall discontinue use of, or reduce the rate or volume of withdrawal from, the well(s). Such action shall be taken until the water level recovers to above the 25-foot decline level or until the Department determines, based on the water user's and/or the Department's data and analysis, that no action is necessary because the aquifer in question can sustain the observed declines without adversely impacting the resource or senior water rights. The water user shall in no instance allow excessive decline, as defined in Commission rules, to occur within the aquifer as a result of use under this permit.

For Williams Wells 2,3, and 4 ground water for use under this permit shall be produced from the basalt aquifers only.

*FVP
WELL
7 ONLY*

Ground water for use under this permit shall be produced from no shallower than 120 feet below land surface, unless information obtained during well construction indicates that a shallower casing and seal will adequately prevent interference with nearby surface water sources.

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.

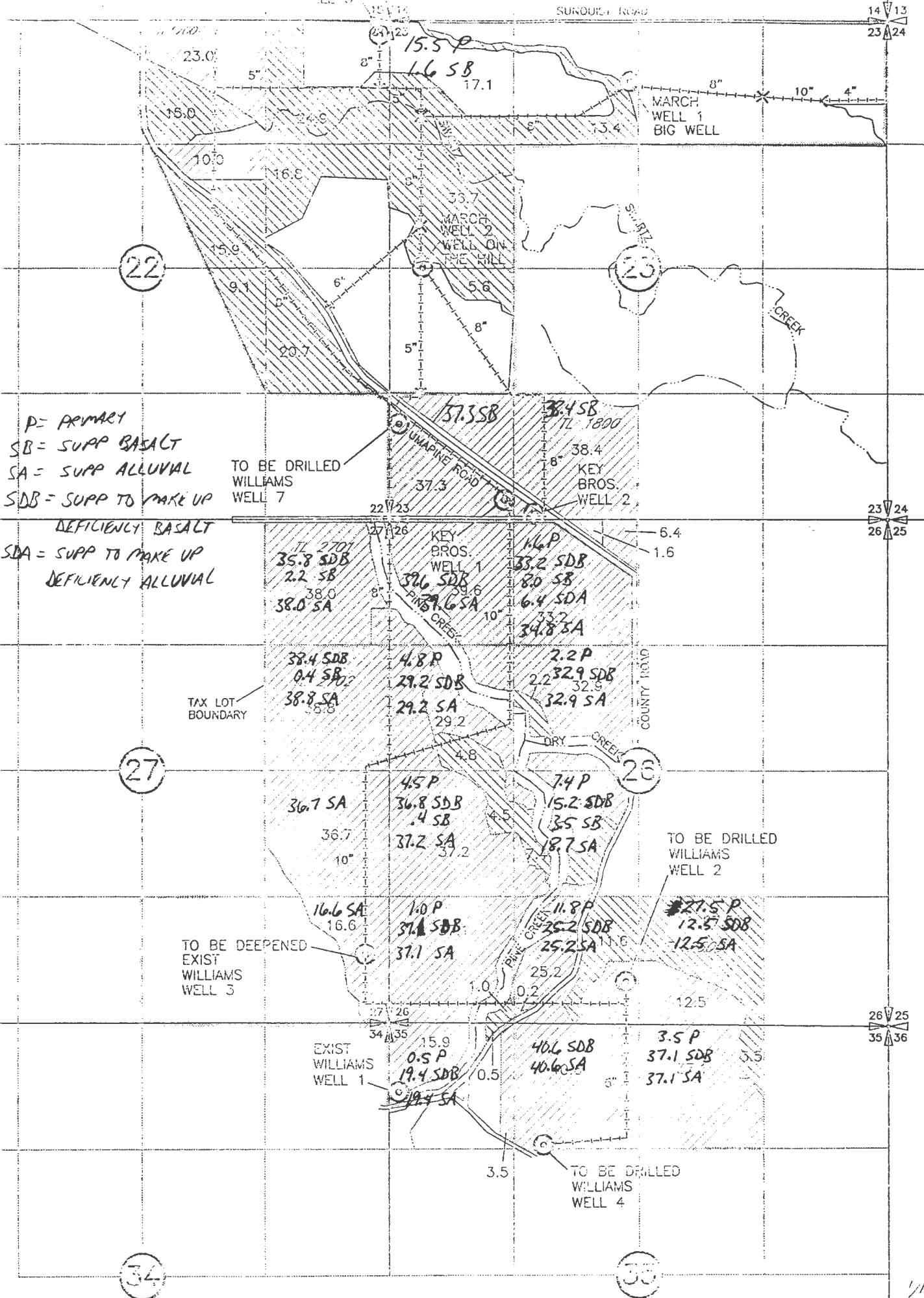
The Director finds that the proposed use(s) of water described by this permit, as conditioned, will not impair or be detrimental to the public interest.

Actual construction of the well shall begin within one year from issuance of the final order approving the use. Complete application of the water to the use shall be made on or before October 1, 2003. Within one year after complete application of water to the proposed use, the permittee shall submit a claim of beneficial use, which includes a map and report, prepared by a Certified Water Rights Examiner (CWRE).

Issued _____, 199_

DRAFT - THIS IS NOT A PERMIT

Martha O. Pagel, Director
Water Resources Department



P = PRIMARY
 SB = SUPP BASALT
 SA = SUPP ALLUVIAL
 SDB = SUPP TO MAKE UP
 DEFICIENCY BASALT
 SDA = SUPP TO MAKE UP
 DEFICIENCY ALLUVIAL

TO BE DRILLED
WILLIAMS
WELL 7

MARCH
WELL 1
BIG WELL

MARCH
WELL 2
ON
THE HILL

UMAPINE ROAD

KEY
BROS.
WELL 2

KEY
BROS.
WELL 1

TAX LOT
BOUNDARY

TO BE DRILLED
WILLIAMS
WELL 2

TO BE DEEPEENED
EXIST
WILLIAMS
WELL 3

EXIST
WILLIAMS
WELL 1

TO BE DRILLED
WILLIAMS
WELL 4

1/14/99
RWB

Map - Williams Wells

Mailing List for PFO Copies

Application #G-14728

PFO Date February 2, 1999

Original mailed to:

Applicant: T O WILLIAMS & ASSOC.; WILLIAMS, RAY, 49654 UMAPINE RD, MILTON FREEWATER, OREGON 97862

Copies sent to:

1. WRD - File # G-14728

Copies Mailed
By: <u>HW</u>
(SUPPORT STAFF)
on: <u>2/2/99</u>
(DATE)

PFO, Map, and Fact Sheet Copies sent to:

2. WRD - Watermaster # District 5
3. WRD - Regional Manager: NCR
4. ODFW District Biologist: John Germond

Copies sent to Other Interested Persons (*CWRE, Agent, Well Driller, Commenter, etc.*)

5. Dale G. VanScholack (CWRE)

CASEWORKER : RWK- WEEK 184

FO CHECKLIST

FILE # E 14728
 PFO WEEK # 184

PFO TO FO CONVERSION

REVIEW DATE: 3/30/99
 INITIALS: RWA

In preparing to create the OF, you should check the following:

1. N Were comments or protests received? If so, **from whom** and **when**?
2. On the PFO CC list, verify names and mailing addresses of **ALL** commentors (regardless of comment date, **affected landowners**, and **those who paid the \$10 feet**).
3. N/NA Have affected land owners been notified?
4. N Is the file lacking a signed oath of accuracy for the application?
5. N/NA Has ODFW asked for self certification of screening condition?
 If so, write "ODFW CERT" in the permit block on the front of the file.
6. N Is water use prohibited for one or more months of the normal use period?
7. N If #6 = "Y", is short season letter on file? Note: If short season letter is lacking, see item #10 below.
8. one 100 Give applicant 60 days to submit required information.
 Verify Payment of recording fees (*circle the appropriate option*)

(1)	Issue FO w/permit if fees are paid — Prepare refund request for excess fees, including standing fees if no protest is filed and no modifications are being made to the PFO.	FO	250	CASE	<div style="border: 1px solid black; padding: 2px; display: inline-block;">ONE 100</div>
			150	CLFS	
			750	10 CL.	
			175	RF	
			1325		
			1225		
			100		
9. N Is further processing possible? If not state reason: _____
10. Notify applicant of additional information or fees required prior to permit issuance. (**SEND CERTIFIED LETTER** & use standard wording from M:\...\FOXTOOLS if possible)
11. Assign permit numbers to files with oaths, fees, and no protests or other issues.
12. N Do the PFO conclusions require modification? Why? _____
 (If YES, circle FOMOD and one other type below)

FO Type: (circle types)	DENIAL	FO w/o PERMIT	FO & PERMIT	FOMOD
				MGMT CODES <u>7A 7B</u>

Once created, modify FO as needed to:

13. Respond to significant comments, issues, or disputes related to the proposed use of water (see notes, if any, listed above)
14. Include or exclude permit conditions and management codes.
15. Correct PFO errors (such as POD or POU location (verify from map), Permit format)

Once FO document is completed:

16. Save WordPerfect document in M:\GROUPS\WR\FOWEEK 184 & delete duplicates.
17. Print final draft of document and submit to team leader for review
18. N Team leader review completed m:\groups\wr\fo\forms\FO Check List.wpd

PFO CHECKLIST

Application #: E 14728

County UMATILLA Basin: UMATILLA 7

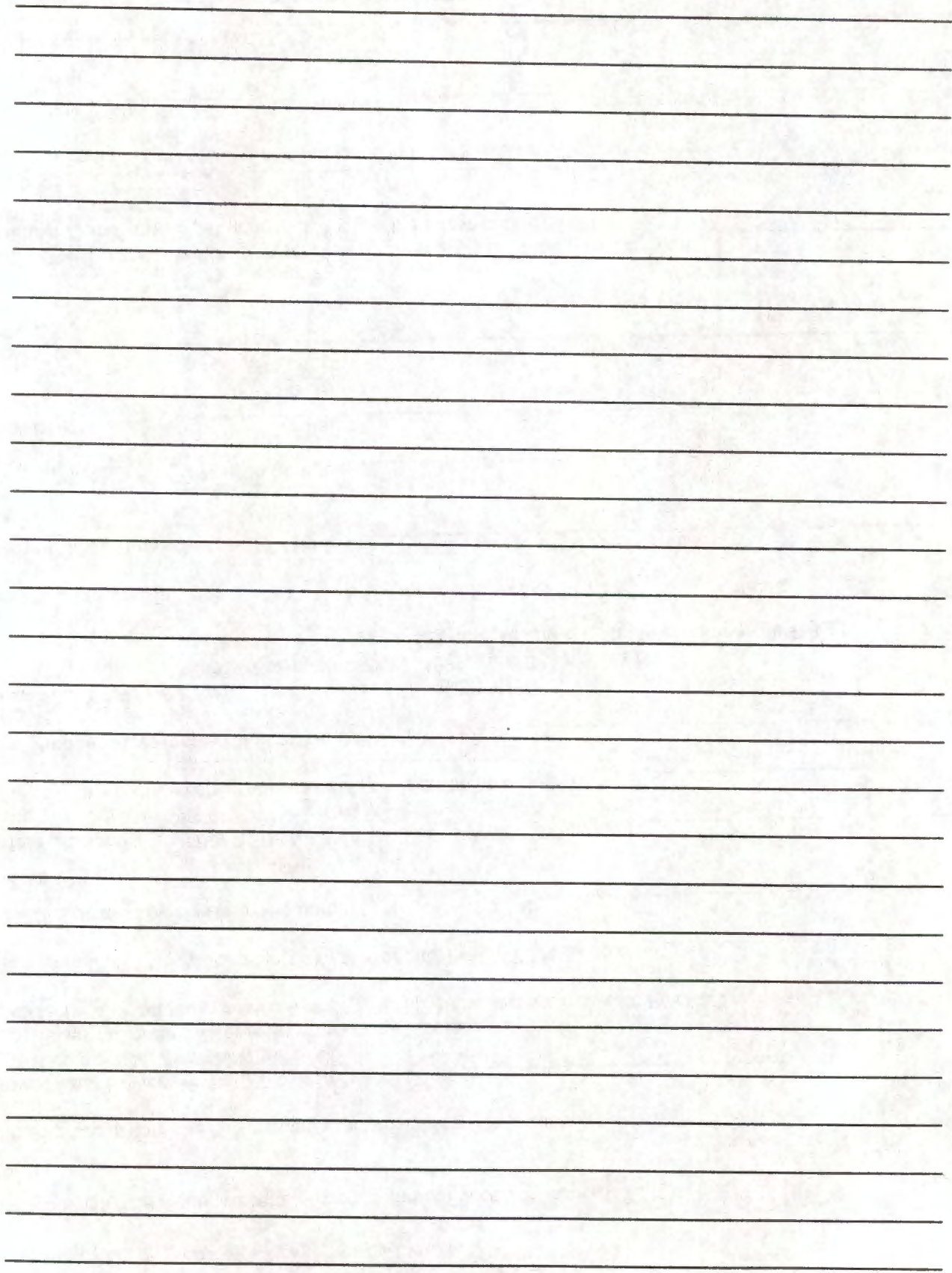
Township 6N Range 34E Section 1/4 1/4

- 1. Complete by Minimum Requirements Checklist? Y / N
- 2. Shortcomings (items needed before a permit and/or FO can be issued) Y / N
- 3. Should process continue (ie - missing vital info, letter to file indicating hold,...)
- 4. Groundwater Review **A B C D** River/Stream Name _____
 a. Groundwater Availability **A B C**
 b. Is second groundwater review necessary? (comments) Y / N NO
 c. Is the well located in a GWLA or CA? (If applicable, include map with POD) Y / N
- 5. Is use from BOR / Doug Co. project? Y / N Contract in file? Y / N Contract # _____
- 6. Is the use allowed by the Basin Program? Y / N Limited? Y / N _____
- 7. Water Availability Data OK / REDONE / NA (80% live flow & 50% storage) _____
- 8. Is the source withdrawn or limited by statute or Department order? Y / N _____
- 9. Is the Proposed Use located in or above a SWW? Y / N _____
- 10. Division 33: Y / N / NA Above Bonn (after July 17, 1992) Y / N
Below Bonn (after April 8, 1994; June 3, 1994) Y / N
Statewide - (in shaded areas on T, E, and S Map - after June 3, 1994) Y / N
- 11. IR identifies as on DEQ 303d List? Y / N / NA Comments received? Y / N
- 12. Have conflicts been addressed? Y / N / NA SEE MAPS OF 1/13/99 & 1/14/99
- 13. Duty 100, 3 Irrigation Season _____
- 14. Period of Allowed Use 3-10/31 FOR PRO, THE SEASON OF THE UNDERLYING PER FOR SUPP
- 15. Allowed Rate 847.9 x .0125 = 10.6

summary:

- 16. **Small** (≤ 0.1 cfs, ≤ 9.2 AF), **Medium** (> 0.1 or < 1.5 cfs, > 9.2 or < 100 AF) or **Large** (> 1.5 cfs, ≥ 100 AF)
condition 7I and municipal use ≤ 0.1 cfs require the **Large** condition
Williams 1274 from basins only
- 17. Conditions 7A, 7B, Williams 7 ALLOW CW PROD NO CHALLENGED THAN 120 FT UNLESS INFO...
New River Basin? Y / N / NA (conditions found in M:\groups\wr\pfo\findings & other lang)
- 18. IR Date 7/24/98 Public Notice Date 8/11/98 Comment Rec'd FROM ODFW REVIEW NO CONNECTION
- 19. Property owners to notify? Y / N DALE G VAN SCHOLACK (OWNER)

initials: PWK Date: 9/17/98



Basin: 7

WAB: _____ POU-WAB _____

County Walla Walla Township 6N Range 34E Section - 1/4 1/4



1. Complete by Minimum Requirements checklist. Y N Items still required: _____

2. Indicators that the process should not continue (ie - items missing, letter to file indicating hold, or other) Y N

3. Groundwater review A B C D River/Stream Name _____ Conditions 7A, 7B
Water Availability A B C

2. Is the well located in a groundwater limited area? Y / N Name _____

4. Within or Above a Scenic Waterway Y / N conditions/restrictions Y N

5. Allowed under Basin Program Y N Limitations? Y / N 690-507-030(3)(a)(A)

6. Withdrawn? Y / N season allowed 3/1 - 10/31

7. Basin Maps have been checked. Y N not in MIF grounds. Walla-Walla

8. Water Availability (50% < July 17, 1992 ** 80% [50% storage] > July 17, 1992) NA

9. Use IR, IS Period of Allowed Use 3/1 - 10/31

10. For Irrigation: Rate 1/4 Duty 3 Season 3/1 - 10/31

11. Allowable Rate of Use: 24.20fs 4,128.16pm 10.51 allowed as requested

12. Priority Date(s) 4-20-98

13. B.O.R. project Y / N contract # _____

14. Subject to Division 33 (Above Bonn after July 17, 1992; Below Bonn after April 8, 1994 or June 3, 1994; or Statewide - in shaded eas on t-T, E, & S Map - After June 3, 1994) Y / N NA

15. Conflicts Y N Cert 5516 is primary + Cert 5528 is primary (15.0 acres)

16. ~~Conditions?~~ (BOR, GW, other) Y N Williams well 7 - allow gw production no shallower than

17. Land use approval OK'd needs approval county notified NA 120ft BLS - - - see Div 9 review for language

18. Watermaster Dist: (1 2 16 18 - NWR) (3 4 5 - NCR) (6 8 9 10 - ER) (11 12 17 - SCR) (14 15 19 - SWR)

19. Letter will be Good Limited Bad Bad w/IRshort because _____

* Refer to Div 9 Review for language for Williams Wells 2, 3, 4.

see reverse * outside 5 mile radius of Milton-Freewater

Signature: Andrew Date: 7/7/98

MARCH 1-3 @ 450 = 1350
 Wms 1-4 @ 900 = 3600
 Key 1-2 @ 200 = 400
 Wms 7 1 @ 450 = 450

5800 Requested = 10.51
 production
 12.9

Asking for 10.51 cfs.

$$\frac{847.9}{40} = 21.2 \text{ cfs} / 9514.1 \text{ gpm}$$

THE PLACE OF USE BY ACRES PER 1/4 1/4 IS LOCATED AS FOLLOWS:

	IRRI- GATION ACRES	SUPPLE- MENTAL ACRES	SUPPLE- MENTAL BASALT ACRES	SUPPLE- MENTAL ALLUVIAL ACRES	SUPPLE- MENTAL FOR A DEFIC- IENCY BASALT	SUPPLE- MENTAL FOR A DEFIC- IENCY ALLUVIAL	TOTAL SUPPLE- MENTAL ACRES
NE 1/4 NE 1/4	24.9						
NW 1/4 NE 1/4	15.0	23.0					23.0
SW 1/4 NE 1/4	15.9	10.0					10.0
SE 1/4 NE 1/4	16.8						
NE 1/4 SE 1/4	20.7						
NW 1/4 SE 1/4	9.1						
SECTION 22							
NE 1/4 NW 1/4	13.4						
NW 1/4 NW 1/4	15.5		1.6				1.6
SW 1/4 NW 1/4	36.7						
NW 1/4 SW 1/4	5.6						
SW 1/4 SW 1/4			37.3				37.3
SE 1/4 SW 1/4			38.4				38.4
SECTION 23							
NE 1/4 NW 1/4	1.6		8.0	34.8	33.2	6.4	39.6
NW 1/4 NW 1/4				39.6	39.6		39.6
SW 1/4 NW 1/4	4.8			29.2	29.2		29.2
SE 1/4 NW 1/4	2.2			32.9	32.9		32.9
NE 1/4 SW 1/4	7.4		3.5	18.7	15.2		18.7
NW 1/4 SW 1/4	4.5		0.4	37.2	36.8		37.2
SW 1/4 SW 1/4	1.0			37.1	37.1		37.1
SE 1/4 SW 1/4	11.8			25.2	25.2		25.2
SW 1/4 SE 1/4	27.5			12.5	12.5		12.5
SECTION 26							
NE 1/4 NE 1/4			2.2	38.0	35.8		38.0
SE 1/4 NE 1/4			0.4	38.8	38.4		38.8
NE 1/4 SE 1/4				36.7			36.7
SE 1/4 SE 1/4				16.6			16.6
SECTION 27							
NW 1/4 NE 1/4	3.5			37.1	37.1		37.1
NE 1/4 NW 1/4				40.6	40.6		40.6
NW 1/4 NW 1/4	0.5			19.4	19.4		19.4
SECTION 35							
TOWNSHIP 6 NORTH, RANGE 34 EAST, W.M.							
	2.98	0.412	1.15	6.18	.338	.006	
	238.4	33.0	91.8	494.4	433	6.4	
Application G-14728		Water Resources	Department			PERMIT DRAFT	

439.4

TO: Water Rights Section

May 8 1998

FROM: Groundwater/Hydrology Section Michael Zwart
Reviewer's Name

SUBJECT: Application G-14728

GROUNDWATER/SURFACE WATER CONSIDERATIONS

1. PER THE _____ Basin rules, one or more of the proposed POA's is/is not within _____ feet/mile of a surface water source (_____) and taps a groundwater source hydraulically connected to the surface water.
2. BASED UPON OAR 690-09 currently in effect, I have determined that the proposed groundwater use
 - a. ___ will, or _____ have the potential for substantial interference with the nearest
 - b. ___ will not _____ surface water source, namely _____; or
 - c. will if properly conditioned, adequately protect the surface water from interference:
 - i. The permit should contain condition #(s) 7B;
 - ii. The permit should contain special condition(s) as indicated in "Remarks" below;
 - iii. The permit should be conditioned as indicated in item 4 below; or
 - d. ___ will, with well reconstruction, adequately protect the surface from substantial interference.

GROUNDWATER AVAILABILITY CONSIDERATIONS

3. BASED UPON available data, I have determined that groundwater for the proposed use
 - a. ___ will, or _____ likely be available in the amounts requested without injury to prior rights
 - b. ___ will not _____ and/or within the capacity of the resource; or
 - c. will if properly conditioned, avoid injury to existing rights or to the groundwater resource:
 - i. ___ The permit should contain condition #(s) 7A;
 - ii. ___ The permit should contain special condition(s) as indicated in "Remarks" below;
 - iii. ___ The permit should be conditioned as indicated in item 4 below; or
4.
 - a. ___ THE PERMIT should allow groundwater production from no deeper than _____ ft. below land surface;
 - b. The permit should allow groundwater production from no shallower than 120 ft. below land surface unless info. obtained during well construction indicates that a*
 - c. ___ The permit should allow groundwater production only from the _____ groundwater reservoir between approximately _____ ft. and _____ ft. below land surface;
 - d. ___ Well reconstruction is necessary to accomplish one or more of the above conditions.
 - e. ___ One or more POA's commingle 2 or more sources of water. The applicant must select one source of water per POA and specify the proportion of water to be produced from each source.

Williams Well 7 }

REMARKS: * shallower casing and seal could adequately prevent interference with nearby surface water sources.

Williams Wells 2, 3, +4: The permit should allow groundwater production only from basalt groundwater reservoirs.

See memo to file of this date for greater detail.

(Well Construction Considerations on Reverse Side)

14728

WELL CONSTRUCTION (If more than one well doesn't meet standards, attach an additional sheet.)

5. THE WELL which is the point of appropriation for this application does not meet current well construction standards based upon:
- a. ___ review of the well log;
 - b. ___ field inspection by _____;
 - c. ___ report of CWRE _____;
 - d. ___ other: (specify) _____
6. THE WELL construction deficiency:
- a. ___ constitutes a health threat under Division 200 rules;
 - b. ___ commingles water from more than one groundwater reservoir;
 - c. ___ permits the loss of artesian head;
 - d. ___ permits the de-watering of one or more groundwater reservoirs;
 - e. ___ other: (specify) _____
7. THE WELL construction deficiency is described as follows: _____
8. THE WELL
- a. ___ was, or constructed according to the standards in effect at the time of
 - b. ___ was not original construction or most recent modification.
 - c. ___ I don't know if it met standards at the time of construction.

RECOMMENDATION:

- A. ___ I recommend including the following condition in the permit:
"No water may be appropriated under terms of this permit until the well(s) has been repaired to conform to current well construction standards and proof of such repair is filed with the Enforcement Section of the Water Resources Department."
- B. ___ I recommend withholding issuance of the permit until evidence of well reconstruction is filed with the Enforcement Section of the Water Resources Department.
- C. ___ REFER this review to Enforcement Section for concurrence.

THIS SECTION TO BE COMPLETED BY ENFORCEMENT PERSONNEL

I concur in G/H's recommendation A or B above relating to conditioning or withholding the permit

_____, 199__.
(Signature)

I do not concur in G/H's recommendation A or B above relating to conditioning or withholding the permit for the following reasons: _____

_____, 199__.
(Signature)

**OREGON WATER RESOURCES DEPARTMENT
INTEROFFICE MEMO**

To: Groundwater files Date: May 8, 1998

From: Michael J. Zwart

Subject: Application Review: G-14728, T. O. Williams and Associates,
Ray Williams

This application proposes to use about 10.6 cfs from ten wells for primary irrigation of 240 acres and supplemental irrigation of 607.9 acres. Three of the wells (Williams numbers 2, 4, and 7) are proposed to be constructed. Williams well number 3 is estimated to be 400 feet deep, has no well log on file, and is proposed to be deepened. The other wells (March numbers 1, 2, and 3 and Key Brothers numbers 1 and 2) are all existing wells with well logs enclosed in the file.

Williams wells 1, 2, and 3 were previously reviewed as part of Application G-13125. The review for that file is incorporated by reference here (copy attached). These wells were found to not have the potential to cause substantial interference with Pine Creek, provided that they are properly constructed to produce water only from basalt aquifers. Williams well 4 also will likely penetrate an aquifer developed in basalts. The finding for wells 1 to 3 also applies to proposed well 4.

March wells 2 and 3 were previously reviewed as part of Application G-14557. The review for that file is incorporated by reference here (copy attached). These wells were found to not have the potential to cause substantial interference with Swartz Creek, primarily because the water levels in the wells do not apparently reflect hydraulic connection with the adjacent reach of the creek, but with the creek and nearby springs about 2000 – 3000 feet downstream to the northwest. The finding of no potential to cause substantial interference with Swartz Creek by these two wells is applicable here.

Williams well 7 was previously reviewed as part of Application G-13124. The review for that file is incorporated by reference here (copy attached). This well was (and still is) not yet constructed. I recommended that the permit be conditioned to allow ground water production from no shallower than 120 feet below land surface, unless information is obtained during well construction that indicates that a shallower casing and seal could adequately prevent interference with nearby surface water sources. As an alternate recommendation, I suggested that the well location could be moved to greater than one-quarter mile from Pine Creek. Those findings and recommendations are applicable here.

March well 1 is constructed to a depth of 380 feet and is sealed to a depth of 85 feet. It penetrates a semiconfined to unconfined aquifer developed in sand and gravel below a depth of 96 feet. It is about 1400 feet from Swartz Creek. There is no potential for substantial interference with the nearby reach of the creek, based on the distance and the relatively deep casing seal.

The Key Brothers wells 1 and 2 are constructed to depths of 110 and 98 feet, respectively. They penetrate a semiconfined to unconfined aquifer developed in sand and gravel. Water levels at time of construction were at or slightly above land surface. The wells are about 1500 and 1600 feet from Pine Creek, respectively. The aquifer is likely in hydraulic connection with the creek. There is no potential for substantial interference, based on the distance to the creek.

I recommend permit conditions 7A and 7B.

**Water Right Conditions
Tracking Slip**

Groundwater/Hydrology Section

FILE #. G-14728

ROUTED TO: Water Rights

TOWNSHIP/

RANGE-SECTION: T6N/R34E - several
SECS.

CONDITIONS ATTACHED? Yes No

REMARKS OR FURTHER INSTRUCTIONS:

Reviewer: Michael Zwart

To: FILE

Date: December 9, 1994

From: MICHAEL ZWART

Subject: APPLICATION G-13125, THOMAS O. WILLIAMS AND ASSOC.

This application proposes to use 1.34 cfs of groundwater for supplemental irrigation of 53.3 acres from three wells. The wells are reported to be 500 to 702 feet deep. Only one well of the three has a well report in the file (Well #1). It produces water from a confined aquifer developed in basalt of the Columbia River Basalt Group. The basalt aquifer penetrated by the well is not hydraulically connected to the nearby surface water source.

Jan Koehler previously began a review of this application, but suspended her review until the applicant supplied the remaining well reports, which were not found in the well log files. (See memo of August 2, 1993.) There is no correspondence in the application file to indicate that the applicant was contacted regarding the missing well reports.

Based on the locations and proposed depths, I am willing to presume that wells #2 and #3 are penetrating the same aquifer as well #1 and, on that basis, complete the review. If information becomes available to indicate that these wells either penetrate an aquifer other than that developed in the basalt, or if the wells are constructed so as to commingle waters from the basalt aquifers and an overlying alluvial aquifer, then a follow-up review of the application should be requested.

Well #1 is about 200 feet from Pine Creek.

Well #2 is about 1450 feet from Pine Creek.

Well #3 is about 1100 feet from Pine Creek.

It is concluded that the wells will not have the potential for substantial interference with Pine Creek, provided they are properly constructed to produce water from basalt aquifers.

STATE OF OREGON
WATER RESOURCES DEPARTMENT

INTEROFFICE MEMO

To: FILE

Date: July 17, 1997

From: MICHAEL ZWART

Subject: APPLICATION G-14557, COUSE CREEK RANCH, INC., HERB MARCH

This application proposes to appropriate about 2.77 cfs from two wells for primary and supplemental irrigation of 221.9 acres. Well #2 is 365 feet deep and Well #3 is 303 feet deep. Based on the enclosed well logs and other nearby logs, the aquifer in this area is unconfined to weakly semiconfined, developed in sand and gravel. No continuous confining bed is noted in these well logs, although some clays are described, primarily above the water level. It also appears that the wells produce most water from the deeper gravels.

The wells are about 1200 feet (#2) and about 600 feet (#3) from Swartz Creek, according to the 1966 Waterman USGS quadrangle map of the area. The aquifer is likely in hydraulic connection with nearby surface water sources, as evidenced by the numerous springs in the area. However, the static water levels in the wells indicate that the aquifer is likely discharging to an area where many springs are mapped, about 2000 to 3000 feet west of the wells, rather than to the nearby stream reaches. It is not likely that the wells have the potential for substantial interference with Swartz Creek.

I recommend permit condition 7B.

To: FILE

Date: December 8, 1994

From: MICHAEL ZWART

Subject: APPLICATION G-13124, THOMAS O. WILLIAMS AND ASSOC.

This application proposes to use 7.80 cfs of groundwater for supplemental irrigation of 976.4 acres from seven wells. The wells are all reported to be 300 feet deep. Only three wells of the seven have well reports in the files. These produce water from an unconfined aquifer developed in gravels which are interbedded with gravelly clay and clayey gravel. Two of the three well reports indicate that static water levels rose very slightly as drilling progressed. This may indicate that deeper water-bearing zones are possibly semi-confined. However, the well casing is perforated opposite all water-bearing zones, as shallow as 20 feet below land surface. The aquifer penetrated by these wells is hydraulically connected to the nearby surface water sources.

Jan Koehler previously began a review of this application, but suspended her review until the applicant supplied the remaining well reports, which were not found in the well log files. (See memo of August 2, 1993.) There is no correspondence in the application file to indicate that the applicant was contacted regarding the missing well reports.

I am willing to presume that the remaining wells are penetrating the same aquifer and are constructed similarly to those with well reports available, and on that basis, complete the review.

Well #1 is about 1550 feet from Swartz Creek.

Well #2 is about 1350 feet from Swartz Creek.

Well #3 is about 300 feet from Swartz Creek.

Well #4 is about 950 feet from Pine Creek.

Well #5 is about 1400 feet from Pine Creek.

Well #6 is about 1000 feet from Swartz Creek.

Well #7 is about 800 feet from Pine Creek.

All distances are estimated from the Waterman Quadrangle map, not the Application map.

The static water levels listed for the wells in the supplemental sheet do not agree with those in the three well reports in the file.

It is concluded that wells #3 and ~~#6~~ will have the potential for substantial interference with Swartz Creek. Wells #4 and #7 will have the potential for substantial interference with Pine Creek. It should be noted, however, that there may be no or very few senior downstream water users within Oregon.

To: DWIGHT FRENCH

Date: October 20, 1995

From: MICHAEL ZWART

Subject: APPLICATION G-13124, THOMAS O. WILLIAMS AND ASSOC.

I have reviewed the three well logs in this file to try to recommend well construction which would allow a positive Division 9 review. Umatilla County well logs are presently off-site, so I had Brian Mayer in Pendleton pull logs for the appropriate sections and brief me on the lithologies penetrated at several nearby wells.

For wells #3, #4 and #7, which are located (or proposed to be located) within one-quarter mile of either Swartz or Pine creeks, I recommend that the permit be conditioned to allow groundwater production from no shallower than 120 feet below land surface, unless information is obtained during well construction that indicates that a shallower casing and seal could adequately prevent interference with nearby surface water sources.

An alternate recommendation would be to propose relocation of these wells to greater than one-quarter mile from either Swartz or Pine creeks. Shallower casing and seal depths could be contemplated at revised locations.

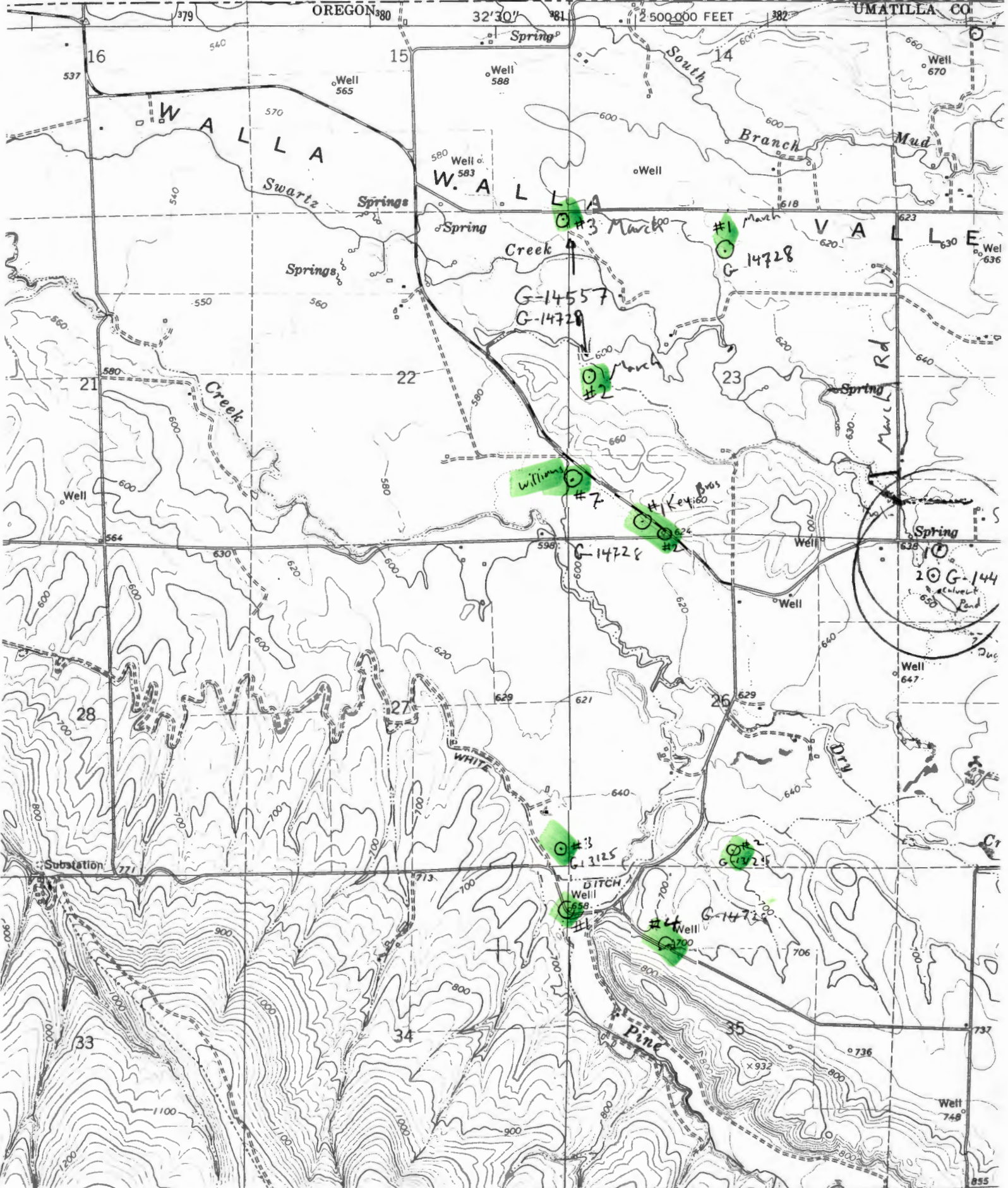
WATERMAN QUA
OREGON
7.5 MINUTE SERIES (1

2276 II SE
(LOWDEN)

WASHINGTON

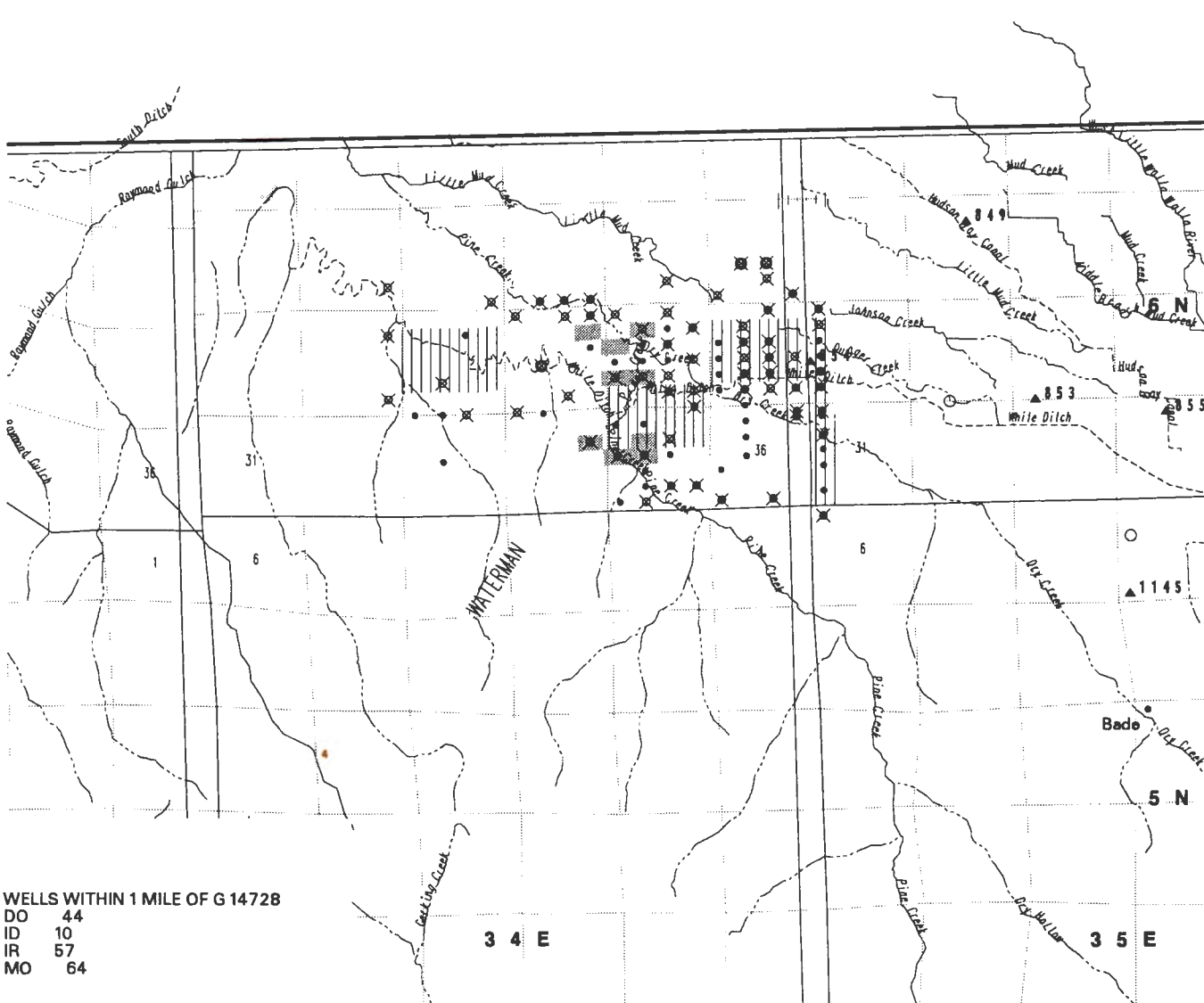
WALLA WALLA CO

UMATILLA CO



Wells in the vicinity of application G 14728

- Application well(s) in this 1/4-1/4 section
- Well(s) identified in this section from OWRD's well log database within 1 mi. radius of application well(s)
- Well(s) identified in this 1/4-1/4 section from OWRD's well log database within 5 mi. radius of application well(s)
- Well(s) identified in this section from OWRD's well log database within 5 mi. radius of application well(s)
- Permitted well(s) in this 1/4-1/4 section within 1 mi. radius of application well(s)
- Permitted well(s) in this 1/4-1/4 section within 5 mi. radius of application well(s)
- Conditioned, permitted well(s) in this 1/4-1/4 section within 5 mi. radius of application well(s)
- OWRD Observation well and well-id within 5 mi. radius of application well(s)
- Critical GW Area
- Regulated GW Area



WELLS WITHIN 1 MILE OF G 14728
 DO 44
 ID 10
 IR 57
 MO 64

3 4 E

3 5 E

PERMITTED WELLS WITHIN 1 MILE OF APPLICATION G 14728

\$RECNO	APPLICATION	PERMIT	LOC-QQ	USE	RATE	DIV-UNITS
1	G	6084	G 5770	6.00N35.00E18SWSW	IS	0.2300 C
2	G	1264	G 1158	6.00N35.00E19NWNW	IR	0.2700 C
2	G	1264	G 1158	6.00N35.00E19NWNW	IR	0.4700 C
2	G	10638	G 9781	6.00N35.00E19NWNW	IS	1.1000 C
3	G	10230	G 9453	6.00N35.00E19SWSW	IR	0.0200 C
3	G	10122	G 9565	6.00N35.00E19SWSW	IR	0.0700 C
3	U	139	U 132	6.00N35.00E19SWSW	IR	0.0460 C
3	U	139	U 132	6.00N35.00E19SWSW	IR	0.0500 C
3	U	197	U 179	6.00N35.00E19SWSW	IR	0.0550 C
3	U	296	U 271	6.00N35.00E19SWSW	IR	0.4950 C
4	G	2485	G 2295	6.00N35.00E30NWNW	IR	0.0750 C
4	G	2485	G 2295	6.00N35.00E30NWNW	IS	0.1175 C
5	G	2600	G 2405	6.00N35.00E30SWNW	IS	0.1000 C
5	G	2600	G 2405	6.00N35.00E30SWNW	IS	0.1200 C
5	G	8443	G 7823	6.00N35.00E30SWNW	IR	0.0200 C
6	U	684	U 628	6.00N35.00E30SWSW	IR	0.3400 C
6	U	684	U 628	6.00N35.00E30SWSW	IS	0.1200 C
7	G	13689	G 12102	6.00N34.00E13NWNW	IS	0.3100 C
8	G	13689	G 12102	6.00N34.00E13NENW	IS	0.3100 C
9	G	6233	G 5880	6.00N34.00E13SWNE	IR	0.1000 C
9	G	6233	G 5880	6.00N34.00E13SWNE	IS	0.4700 C
10	U	225	U 203	6.00N34.00E14SWNE	IR	0.7800 C
11	G	8597	G 8115	6.00N34.00E17SENE	IS	0.1900 C
12	U	227	U 204	6.00N34.00E13NESE	IR	0.9890 C
13	G	5770	G 4964	6.00N34.00E13NWSW	IR	0.6700 C
14	GR	2644	GR 2506	6.00N34.00E15NESE	IR	238.0000 G
15	G	1658	G 1519	6.00N34.00E15NWSE	IS	0.4900 C
16	G	7964	G 8038	6.00N34.00E16NESE	IC	0.6200 C
17	G	1929	G 1775	6.00N34.00E15NESW	IR	0.2600 C
17	G	1929	G 1775	6.00N34.00E15NESW	IS	0.7600 C
18	G	5016	G 4695	6.00N34.00E13SWSE	IR	0.5700 C
19	G	1346	G 1230	6.00N34.00E14SWSE	IR	0.1100 C
20	U	359	U 334	6.00N34.00E14SWSW	IS	0.8000 C
21	G	11349	G 10483	6.00N34.00E15SESE	IR	0.4900 C
22	G	2603	G 2420	6.00N34.00E15SWSE	IR	0.4200 C
23	G	8599	G 7973	6.00N34.00E15SWSW	IR	0.8000 C
24	G	1637	G 1498	6.00N34.00E24NENW	IR	0.2300 C
24	U	677	U 618	6.00N34.00E24NENW	IS	0.3600 C
25	GR	1132	GR 1092	6.00N34.00E23NENE	IR	400.0000 G
26	G	8472	G 7875	6.00N34.00E23NENW	IC	1.6000 C
27	U	375	U 340	6.00N34.00E20NENE	IS	1.1800 C
28	G	921	G 805	6.00N34.00E24SWNE	IR	0.4100 C
29	GR	1139	GR 1099	6.00N34.00E24SENW	IR	300.0000 G
30	G	6607	G 9939	6.00N34.00E23SWNE	IC	1.1000 C
31	U	406	U 376	6.00N34.00E24NESE	IS	0.2320 C
32	G	5658	G 5485	6.00N34.00E24NWSE	IS	0.4500 C
33	G	7274	G 6856	6.00N34.00E24NESW	IS	1.1300 C
33	G	9977	G 9109	6.00N34.00E24NESW	IS	0.6000 C
34	G	5002	G 4720	6.00N34.00E23NESE	IR	0.2900 C
34	G	5002	G 4720	6.00N34.00E23NESE	IR	0.4600 C
34	G	5811	G 5019	6.00N34.00E23NESE	IR	0.3100 C
35	G	13784	G 12069	6.00N34.00E22NESW	IC	0.7900 C
36	G	1401	G 1279	6.00N34.00E24SWSE	IR	0.2400 C
36	U	503	U 458	6.00N34.00E24SWSE	IS	0.2300 C
37	G	918	G 828	6.00N34.00E24SESW	IS	0.1800 C
38	G	5811	G 5019	6.00N34.00E23SWSE	IR	0.2200 C

39	G	2290	G	2583	6.00N34.00E23SESW	IR	0.4500	C
40	G	2983	G	2777	6.00N34.00E23SWSW	IS	0.4400	C
41	U	484	U	452	6.00N34.00E21SESW	IR	0.2300	C
41	U	484	U	452	6.00N34.00E21SESW	IR	1.0000	C
41	U	484	U	452	6.00N34.00E21SESW	IS	1.2700	C
42	G	1074	G	1029	6.00N34.00E25NENE	IR	0.3600	C
42	G	10163	G	9658	6.00N34.00E25NENE	IR	27.5000	G
43	G	1382	G	1272	6.00N34.00E25NENE	IR	0.2300	C
43	G	9316	G	8762	6.00N34.00E25NENE	IS	0.2200	C
44	G	2302	G	2122	6.00N34.00E25NENW	IS	0.1500	C
44	G	3356	G	3149	6.00N34.00E25NENW	IS	0.4700	C
45	G	2586	G	2437	6.00N34.00E26NENE	IR	0.0300	C
45	G	2586	G	2437	6.00N34.00E26NENE	IS	0.4600	C
45	G	3059	G	2872	6.00N34.00E26NENE	IR	0.4500	C
45	G	5957	G	5654	6.00N34.00E26NENE	IR	0.0400	C
46	G	2293	G	2115	6.00N34.00E26NENE	IR	0.6700	C
47	G	6507	G	6120	6.00N34.00E27NENE	IR	0.7500	C
48	G	7223	G	6642	6.00N34.00E29NENE	AG	0.0400	C
49	U	55	U	48	6.00N34.00E25SENE	IR	0.2500	C
50	G	788	G	705	6.00N34.00E26SENE	IS	0.5000	C
51	GR	2091	GR	3916	6.00N34.00E25NESE	IR	200.0000	G
52	G	11329	G	10560	6.00N34.00E27SWNW	IC	1.8300	C
52	G	13637	G	12481	6.00N34.00E27SWNW	IS	5.3700	C
53	G	7223	G	6642	6.00N34.00E28SWNE	IC	6.2000	C
54	G	13125	G	12728	6.00N34.00E26SWSE	IS	0.6700	C
55	G	13125	G	12728	6.00N34.00E27SESE	IS	0.6700	C
56	G	520	G	464	6.00N34.00E35NENW	IR	1.3300	C
57	G	12622	G	12210	6.00N34.00E35NWNW	IC	0.1000	C
57	G	13125	G	12728	6.00N34.00E35NWNW	IS	0.6700	C
57	U	294	U	269	6.00N34.00E35NWNW	IR	3.7900	C
58	G	178	G	322	6.00N34.00E35NESE	IR	1.5300	C
59	T	6241	CG	9865	6.00N34.00E35NWSE	IS	0.4000	C
59	T	6241	CU	711	6.00N34.00E35NWSE	IR	2.6900	C
59	G	9496	G	9865	6.00N34.00E35NWSE	IS	0.4000	C
59	U	793	U	711	6.00N34.00E35NWSE	IR	2.6900	C
60	U	636	U	673	6.00N34.00E36SWSE	IR	1.9700	C
61	U	636	U	673	6.00N34.00E36SWSW	IR	2.4500	C
62	T	6241	CG	9865	6.00N34.00E35SESW	IS	0.4000	C
62	T	6241	CU	711	6.00N34.00E35SESW	IR	2.6900	C
63	G	55	G	154	5.00N35.00E 6NWNW	IR	1.1800	C

CONDITIONED WELLS WITHIN 5 MILES OF APPLICATION G 14728

\$RECNO	APPLICATION	PERMIT	LOC-QQ	CONDITION-CODE
1	G	12053	G 11440	6.00N35.00E29SESW 3CW
1	G	12053	G 11440	6.00N35.00E29SESW 3CW
1	GR	3576	GR 3285	6.00N35.00E29SESW
1	U	790	U 701	6.00N35.00E29SESW
1	U	790	U 701	6.00N35.00E29SESW
2	G	13689	G 12102	6.00N34.00E13NENE 4IG
2	G	13689	G 12102	6.00N34.00E13NENE 4IR
3	G	13689	G 12102	6.00N34.00E13NENW 4IG
3	G	13689	G 12102	6.00N34.00E13NENW 4IR
4	G	13784	G 12069	6.00N34.00E22NESW 7BG
4	G	13784	G 12069	6.00N34.00E22NESW 7BR
5	G	11954	G 10990	5.00N35.00E 3SWNW 4E

APPLICATION G 14728 FALLS WITHIN THESE QUAD(S)

WATERMAN

RECEIVED

AUG 13 1998

WATER RESOURCES DEPT.
SALEM, OREGON

WATER
RESOURCES
DEPARTMENT

August 7, 1998

Watermaster

Water Right Information Group
Oregon Water Resources Department
Commerce Building
158 12th Street NE
Salem, OR 97310-0210

RE: File 14728
ODFW letter dated Aug., 3 1998

The Oregon Department of Fish and Wildlife has expressed concerns over Groundwater application File G-14728. The primary issue is hydraulic connection of William's Well #1 located approximately 760 feet south and 40 feet east from the NW corner Section 35, T6N, R34E, W.M. This well is in close proximity of Pine Creek and upon initial review would indicate possible hydraulic connection. However after notification from ODFW I did look up the well data and the groundwater application.

My research indicates that William's well #1 may not be hydraulically connected to Pine Creek. OWRD groundwater staff would make final determination. The well log shows the well at 702 feet, and cased to 60 feet (see attachment). According to the William's the well indicated is not part of the application but used as a point of reference only. William's well #1 is certificated (#30630), permit # U-269. Any further comments may be directed to this office (541) 938-6886.

Sincerely,



Tom Johnson
Assistant Watermaster Dist 5

cc: Jon Germond
Tony Justus
Bruce Eddy - LaGrande
Ricky Kruger

attch.



~~(503) 938-5597~~
418 N. Main
Milton-Freewater, OR
97862

RECEIVED

AUG 13 1998

Abstract of Permit No. 8-289

WATER RESOURCES DEPT. SALEM, OREGON

Application No. 8-289

Certificate No. 24535

Name Dorothy Kelly Cockburn
Address Route 2, Box 109
Milton-Freswater, Oregon

Source of water supply a well, a trib. of Pine Creek (Walla Walla river)

Use Irrigation and supplemental irrigation

Point of diversion Well: 11 hrs. S. and E. from the NW corner section 35, being within the NW corner section 35, T. 34 N., R. 34 E., S. 34, in the county of Umatilla.

Number of acres New 65.8 Suppl. 254.1

DESCRIPTION OF LAND TO BE IRRIGATED OR PLACE OF USE

Table with columns for Township, Range, Section, and quarter sections (NE 1/4, NW 1/4, SW 1/4, SE 1/4). It contains numerical data for irrigated areas and asterisks for supplemental irrigation.

Priority date March 7, 1979
Amount of water 3.77 c.f.s., measured at the point of diversion.
Time limit to begin construction April 25, 1980
Time limit to complete construction 10/1/52 extended to extended to
Time limit to completely apply water 10/1/52 extended to extended to

Remarks: This appropriation shall be limited to 1/30th of one cubic foot per second per acre, or its equivalent for each acre irrigated and shall be further limited to a diversion of not to exceed 3 acre feet per acre for each acre irrigated during the irrigation season of each year, and shall conform to such reasonable rotation system as may be ordered by the proper state officer.

Basin 7 Vol.

STATE ENGINEER
Salem, Oregon

Well Record

STATE WELL NO. 6-74
COUNTY Clatsop
APPLICATION NO. U-294

OWNER: Dorothy Kelly Cockburn

MAILING ADDRESS:

LOCATION OF WELL: Owner's No.

CITY AND STATE:

NW 1/4 NW 1/4 Sec. T. N. S., R. E. W., W.M.

Bearing and distance from section or subdivision corner 746' S. & 23' E. of NW corner of Sec. 35.

Altitude at well

TYPE OF WELL: Drilled Date Constructed Sept. '47 - Mar '48

Depth drilled 702 Depth cased 60

Section 55

CASING RECORD:

18 and 14 inch - set to 60 feet

FINISH:

AQUIFERS:

WATER LEVEL:

PUMPING EQUIPMENT: Type H.P.
Capacity G.P.M.

WELL TESTS:

Drawdown ft. after hours
Drawdown ft. after hours

USE OF WATER Irrigation Temp. °F.

SOURCE OF INFORMATION U-294, U.S.G.S. Report

DRILLER or DIGGER A. Durand, Son

ADDITIONAL DATA:

Log K Water Level Measurements Chemical Analysis Aquifer Test

REMARKS:

STATE ENGINEER
Salem, Oregon

State Well No. 63/3-37
County Umatilla
Application No. 3-496

Well Log

Owner: Dorothy Kelly Cockburn Owner's No. _____
Driller: A. A. Duran & Son Date Drilled Sept. 14, 1957

CHARACTER OF MATERIAL	Feet below surface of well		Thickness (feet)
	From	To	
Soil and yellow clay	0	11	11
Gravel, cemented	11	20	9
Rock and boulders	20	21	1
Gravel, cemented	21	27	6
Rock, water bearing	27	28	1
Basalt, brown	28	40	12
Gravel	40	49	9
Gravel and clay	49	51	2
Gravel, cemented	51	56	5
Basalt, brown	56	75	19
Basalt, brown, hard	75	90	15
Basalt, crevice	90	102	12
Basalt, honey combed, water bearing	102	105	3
Basalt, brown, hard	105	108	3
Gravel, gray, cemented	108	110	2
Clay, blue and gray	110	115	5
Basalt, brown, water bearing	115	140	25
Basalt, hard, gray	140	150	10
Basalt, gray	150	160	10
Basalt, gray, soft	160	170	10
Basalt, brown, brown	170	180	10
Basalt, blue	180	220	40
Basalt, brown honeycombed	220	255	35
Basalt, blue	255	260	5
Basalt, blue	260	270	10

STATE ENGINEER
Salem, Oregon

State Well No. 61/1-30
County Umatilla
Application No. 1-1

Well Log - Cont.

Owner: Dorothy Kelly Cockburn Owner's No.
Driller: W. A. Durand Date Drilled Sept. 1977

CHARACTER OF MATERIAL	Foot below ground		Depth
	From	To	
Basalt, gray	270	270	1
Rock, honeycombed	280	300	2
Basalt, blue	300	300	3
Basalt, black	350	370	4
Basalt, blue	370	370	5
Basalt, black	370	386	6
Basalt, blue, water bearing	386	394	7
Basalt, black	394	403	8
Basalt, firm, water flowing	403	403	9
Basalt	403	403	10
Basalt, hard	450	450	11
Basalt	450	450	12
Basalt, hard and sharp formation	456	456	13
Basalt, sandy	440	440	14
Basalt	440	450	15
Basalt, hard	450	450	16
Basalt, flowing 155 gpm	450	570	17
Shale, brown	570	570	18
Basalt	580	600	19
Basalt, hard	600	600	20



FAX

Date: August 3, 1998
 Number of pages including cover sheet: 3

To: Water Right Information Group
Or. Water Resources Dept.
Salem

MON 10:49 FAX 541 276 4414

Phone: _____
 Fax phone: _____
 CC: _____

From: Dr. Germond
Pendleton District Office
73471 Mytinger Lane
Pendleton, OR 97801

Phone: (541) 276-2344
 Fax phone: (541) 276-4414

REMARKS: Urgent For your review Reply ASAP Please comment

Comments on WR Application / file G-14728

file G-14728

Oregon

August 3, 1998

Water Right Information Group
Oregon Water Resources Department
Commerce Building
158 12th Street NE
Salem, OR 97310-0210



DEPARTMENT OF
FISH AND
WILDLIFE

Pendleton District Office

RE: File G-14728

Dear Water Right Information Group,

The Oregon Department of Fish and Wildlife (ODFW) has reviewed the Oregon Water Resources Department (OWRD) Initial Review of File G-14728. The file/application proposes to use water from "ten wells in Swartz Spring Canyon and Pine Creek basins for irrigation of 240.0 acres and supplemental irrigation of 607.9 acres" of land. The initial review determined that the this use "is allowable under OAR 690-507-030(3)(a)(A), the Umatilla Basin Program." The determination also states "based upon OAR 609-09, that the proposed groundwater use will, if properly conditioned, adequately protect the surface water from interference." ODFW's comments will focus on only one of the ten wells identified in the application: Williams Well 1, located at 760 feet south & 40 feet east from NW corner, Section 35, T6N, R34E, W.M.

Pine Creek supports a population of inland redband trout, an Oregon State Sensitive Species. Walla Walla River adult summer steelhead, part of the mid-Columbia ESU and currently proposed as "threatened" under the federal Endangered Species Act, are known to utilize the lower reaches of Pine Creek as rearing habitat during their spawning migration upstream to the headwaters of Mill Creek and the upper Walla Walla River.

The Summary of Initial Determination states "The use of 10.51 cubic feet per second, being...no more than 900.0 gpm each from Williams Wells 1, 2, 3, & 4;...from ten wells in Swartz Spring Canyon and Pine Creek basins for irrigation of 240.0 acres and supplemental irrigation of 607.9 acres is allowable from March 1 through October 31 of each year." The map provided with the file/application shows that Williams Well 1 is located adjacent to Pine Creek. ODFW's discussions with Tom Johnson, OWRD Assistant Watermaster in Milton-Freewater, have indicated that Williams Well 1 is likely connected hydraulically to the surface water in Pine Creek.

The ODFW requests that the OWRD investigate the possible hydraulic connection between Williams Well 1 and the surface water in Pine Creek. Should a determination be made that



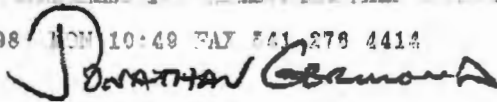
Route 1, Box 18
Mission Road
Pendleton, OR 97801
(503) 276-2344
FAX (503) 276-4414

Water Right Information Group
Oregon Water Resources Department
Page 2

the two are hydraulically connected, the proposed use of Williams Well 1 will negatively impact the amount of available surface water in Pine Creek for fish and other aquatic resources of the State during the proposed time of use. If this is so, the use of Williams Well 1 is not allowable under OAR 690-507-030(3)(a)(A), the Umatilla Basin Program, and File G-14728 should be amended to reflect this change.

Questions regarding these comments can be addressed to me at 541-276-2344.

Sincerely,



Jonathan Germond
Acting District Fish Biologist
Umatilla Fish District

- c: Bruce Eddy - La Grande
- W Rick Kruger - HCD
- Tony Justice - Watermaster, Pendleton
- Pa Tom Johnson - Assistant Watermaster, Milton-Freewater

the two are hydraulically connected, the proposed use of Williams Well 1 will negatively impact the amount of available surface water in Pine Creek for fish and other aquatic resources of the State during the proposed time of use. If this is so, the use of Williams Well 1 is not allowable under OAR 690-507-030(3)(a)(A), the Umatilla Basin Program, and File G-14728 should be amended to reflect this change.

Questions regarding these comments can be addressed to me at 541-276-2344.

Sincerely,



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Umatilla Fish District

- c: Bruce Eddy - La Grande
- W Rick Kruger - HCD
- Tony Justice - Watermaster, Pendleton
- Pa Tom Johnson - Assistant Watermaster, Milton-Freewater

STATE OF OREGON

COUNTY OF UMATILLA

CERTIFICATE OF WATER RIGHT

This is to Certify, That W. H. DENT of Freewater, State of Oregon 97862 has a right to the use of the waters of Schwartz Spring Branch, a tributary of Pine Creek;

for the purpose of Irrigation

and that said right has been confirmed by decree of the Circuit Court of the State of Oregon for Umatilla County, and the said decree entered of record at Salem, in the Order Record of the STATE ENGINEER, in Volume 7, at page 148; that the priority of the right thereby confirmed dates from 1885;

that the amount of water to which such right is entitled, for the purposes aforesaid, is limited to an amount actually beneficially used for said purposes, and shall not exceed One-eightieth of one cubic foot per second per acre;

A description of the lands irrigated under such right, and to which the water is appurtenant (or, if for other purposes, the place where such water is put to beneficial use), is as follows:

Twenty (20) acres in the Northwest Quarter of the Northeast Quarter (NW 1/4) of Section Twenty-two (22), Township Six (6) North, Range Thirty-four (34) East of the Willamette Meridian.

And said right shall be subject to all other conditions and limitations contained in said decree.

The right to the use of the water for irrigation purposes is restricted to the lands or place of use herein described.

WITNESS the signature of the State Engineer, affixed this 7th day of November, 1925.

State Engineer.

Vote

STATE OF OREGON

COUNTY OF UMATILLA

CERTIFICATE OF WATER RIGHT

This is to Certify, That

EDWIN MARCH

of Freewater, State of Oregon 97862 has a right to the use of the waters of Schwartz Spring Branch, a tributary of Pine Creek for the purpose of Irrigation

and that said right has been confirmed by decree of the Circuit Court of the State of Oregon for Umatilla County, and the said decree entered of record at Salem, in the Order Record of the STATE ENGINEER, in Volume 7, at page 148; that the priority of the right thereby confirmed dates from 1885

that the amount of water to which such right is entitled, for the purposes aforesaid, is limited to an amount actually beneficially used for said purposes, and shall not exceed One-eightieth of one cubic foot per second per acre;

A description of the lands irrigated under such right, and to which the water is appurtenant (or, if for other purposes, the place where such water is put to beneficial use), is as follows:

Ten (10) acres in the North-east Quarter of the Northeast Quarter (NE 1/4 NE 1/4) of Section Twenty-two (22), Township Six (6) North, Range Thirty-four (34) East of the Willamette Meridian.

And said right shall be subject to all other conditions and limitations contained in said decree. The right to the use of the water for irrigation purposes is restricted to the lands or place of use herein described.

WITNESS the signature of the State Engineer, affixed this 5th day of November, 1925

RHEA LUPER State Engineer.

Recorded in State Record of Water Right Certificates, Volume 4, page 5528.

VOR

WATER RIGHTS IN TOWNSHIP 6 N 34 E

Section(s) 22 23 27 35





Oregon

John A. Kitzhaber, M.D., Governor

Water Resources Department

Commerce Building
158 12th Street NE
Salem, OR 97310-0210
(503) 378-3739
FAX (503) 378-8130

July 24, 1998

T O WILLIAMS & ASSOC.
RAY WILLIAMS
49654 UMAPINE RD
MILTON FREEWATER, OREGON 97862

Reference: File G-14728

Dear Applicant:

THIS IS NOT A PERMIT AND IS SUBJECT TO CHANGE AT THE NEXT PHASE OF PROCESSING.

This letter is to inform you of the favorable preliminary analysis of your water use permit application and to describe your options. In determining whether a water use permit application may be approved, the Department must consider the factors listed below, all of which must be favorable to the proposed use if it is to be allowed. Based on the information you have supplied, the Water Resources Department has made the following preliminary determinations:

Initial Review Determinations:

1. The proposed use is not prohibited by law or rule.
2. The use of water from TEN WELLS IN SWARTZ SPRING CANYON AND PINE CREEK BASINS for IRRIGATION OF 240.0 ACRES AND SUPPLEMENTAL IRRIGATION OF 607.9 ACRES is **allowable** under OAR 690-507-030(3)(a)(A), the Umatilla Basin Program.
3. The Department has determined, based upon OAR 690-09, that the proposed groundwater use will, if properly conditioned, adequately protect the surface water from interference.
4. The Department has also determined, based upon available data, that the use of groundwater in the amount of 10.51 CUBIC FEET PER SECOND, BEING NO MORE THAN 450.0 GPM EACH FROM MARCH WELLS 1, 2, & ; NO MORE THAN 900.0 GPM EACH FROM WILLIAMS WELLS 1, 2, 3, & 4; NO MORE THAN 200.0 GPM EACH FROM KEY BROS. WELLS 1 & 2; AND NO MORE THAN 450.0 GPM FROM WILLIAMS WELL 7 for IRRIGATION OF 240.0 ACRES AND SUPPLEMENTAL

IRRIGATION OF 607.9 ACRES if properly conditioned, will not injure existing rights or the groundwater resource.

5. The Department finds that Williams Wells 2, 3, and 4 should allow groundwater production only from the basalt groundwater reservoir; and that Williams Well 7 shall allow groundwater production from no shallower than 120 feet below land surface unless information obtained during well construction indicates that a shallower casing and seal could adequately prevent interference with nearby surface water sources.
6. According to Department record there are existing water rights, Certificate 5516 and Certificate 5528 for irrigation on a portion of the lands requested under this application. The findings of this Initial Review are contingent upon transfer and/or cancellation of the existing water rights.

Summary of Initial Determinations

The use of 10.51 CUBIC FEET PER SECOND, BEING NO MORE THAN 450.0 GPM EACH FROM MARCH WELLS 1, 2, & 3; NO MORE THAN 900.0 GPM EACH FROM WILLIAMS WELLS 1, 2, 3, & 4; NO MORE THAN 200.0 GPM EACH FROM KEY BROS. WELLS 1 & 2; AND NO MORE THAN 450.0 GPM FROM WILLIAMS WELL 7 from TEN WELLS IN SWARTZ SPRING CANYON AND PINE CREEK BASINS for IRRIGATION OF 240.0 ACRES AND SUPPLEMENTAL IRRIGATION OF 607.9 ACRES is allowable from March 1 through October 31 of each year.

Because of these favorable determinations, the Department can now move your application to the next phase of the water rights application review process. This phase is where public interest factors will be evaluated.

Please reference the application number when sending any correspondence regarding the conclusions of this initial review. Comments received within the comment period will be evaluated at the next phase of the process.

To Proceed With Your Application:

If you choose to proceed with your application, you do not have to notify the Department. Your application will automatically be placed on the Department's Public Notice to allow others the opportunity to comment. After the comment period the Department will complete a public interest review and issue a proposed final order.

Withdrawal Refunds:

If you choose not to proceed, you may withdraw your application and receive a refund (minus a \$50 processing charge per application.) To accomplish this you must notify the Department in writing by **Friday, August 7, 1998**. For your convenience you may use the enclosed "STOP PROCESSING" form.

Conflict Resolution:

There are existing rights, Certificate 5516, covering approximately 20 acres of land and Certificate 5528 covering approximately 10 acres of land proposed under this application. Prior to proceeding with application G-14728 the Department must receive a completed form authorizing cancellation of the existing right, a completed affidavit of diminution of the existing right, a transfer of the existing certificate, or other means of dealing with the conflict with the existing certificates and the use proposed under this application. If one of the items requested above is not submitted prior to issuance of the Final Order and permit, if one is issued, the land in question will be made supplemental to the existing right, which will limit and/or jeopardize that portion of the right as follows:

- ◆ If the existing certificate is found to have been forfeited the use supplemental to such certificate may also be canceled.
- ◆ You may only use the supplemental right after the primary right becomes unavailable. The primary right must be exhausted first.
- ◆ The season of use for the supplemental irrigation will be limited to that of the primary right.

If A Permit Is Issued It Will Likely Include The Following Conditions:

1. 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, shall keep a complete record of the amount of water used each month and shall submit a report which includes the recorded water use measurements to the Department annually or more frequently as may be required by the Director. Further, the Director may require the permittee to report general water use information, including the place and nature of use of water under the permit.
 - 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.
2. The water user shall develop a plan to monitor and report the impact of water use under this permit on water levels within the aquifer that provides water to the permitted well(s). The plan shall be submitted to the Department within one year of the date the permit is issued and shall be subject to the approval of the Department. At a minimum, the plan shall include a program to periodically measure static water levels within the permitted well(s) or an adequate substitute such as water levels in nearby wells. The plan shall also stipulate a reference water level against which any water-level declines will be compared.

If a well listed on this permit (or replacement well) displays a total static water-level decline of 25 or more feet over any period of years, as compared to the reference level, then the water user shall discontinue use of, or reduce the rate or volume of withdrawal from, the well(s). Such action shall be taken until the water level recovers to above the 25-foot decline level or until the Department determines, based on the water user's and/or the Department's data and analysis, that no action is necessary because the aquifer in question can sustain the observed declines without adversely impacting the resource or senior water rights. The water user shall in no instance allow excessive decline, as defined in Commission rules, to occur within the aquifer as a result of use under this permit.

3. 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.
4. Williams Wells 2, 3, and 4 shall allow groundwater production only from the basalt groundwater reservoir.
5. Williams Well 7 shall allow groundwater production from no shallower than 120 feet below land surface unless information obtained during well construction indicates that a shallower casing and seal could adequately prevent interference with nearby surface water sources.
6. The priority date for this application is April 20, 1998.

If you have any questions:

Questions about the status of your application, processing timelines, or your upcoming Proposed Final Order should be directed to our Water Right Information Group at (800) 624-3199 or (503) 378-8455 extension 499. Feel free to call me at (800) 624-3199 or (503) 378-8455 extension 229 if you have any questions regarding the contents of this letter. Please have your application number available if you call.

Sincerely,



Anita M. McCloud
Water Rights Specialist

cc: Regional Manager, Watermaster District 5, Water Availability Section
enclosures: Flow Chart of Water Right Process
Stop Processing Form

G-14728
wab 07-
pou 07-
gw C

**Water Right Conditions
Tracking Slip**

Groundwater/Hydrology Section

FILE ## G-14728

ROUTED TO: Water Rights

TOWNSHIP/

RANGE-SECTION: T6N/R34E - several
secs.

CONDITIONS ATTACHED? Yes no

REMARKS OR FURTHER INSTRUCTIONS:

Reviewer: Michael Zwart

**OREGON WATER RESOURCES DEPARTMENT
INTEROFFICE MEMO**

To: Groundwater files Date: May 8, 1998

From: Michael J. Zwart

Subject: Application Review: G-14728, T. O. Williams and Associates,
Ray Williams

This application proposes to use about 10.6 cfs from ten wells for primary irrigation of 240 acres and supplemental irrigation of 607.9 acres. Three of the wells (Williams numbers 2, 4, and 7) are proposed to be constructed. Williams well number 3 is estimated to be 400 feet deep, has no well log on file, and is proposed to be deepened. The other wells (March numbers 1, 2, and 3 and Key Brothers numbers 1 and 2) are all existing wells with well logs enclosed in the file.

Williams wells 1, 2, and 3 were previously reviewed as part of Application G-13125. The review for that file is incorporated by reference here (copy attached). These wells were found to not have the potential to cause substantial interference with Pine Creek, provided that they are properly constructed to produce water only from basalt aquifers. Williams well 4 also will likely penetrate an aquifer developed in basalts. The finding for wells 1 to 3 also applies to proposed well 4.

March wells 2 and 3 were previously reviewed as part of Application G-14557. The review for that file is incorporated by reference here (copy attached). These wells were found to not have the potential to cause substantial interference with Swartz Creek, primarily because the water levels in the wells do not apparently reflect hydraulic connection with the adjacent reach of the creek, but with the creek and nearby springs about 2000 – 3000 feet downstream to the northwest. The finding of no potential to cause substantial interference with Swartz Creek by these two wells is applicable here.

Williams well 7 was previously reviewed as part of Application G-13124. The review for that file is incorporated by reference here (copy attached). This well was (and still is) not yet constructed. I recommended that the permit be conditioned to allow ground water production from no shallower than 120 feet below land surface, unless information is obtained during well construction that indicates that a shallower casing and seal could adequately prevent interference with nearby surface water sources. As an alternate recommendation, I suggested that the well location could be moved to greater than one-quarter mile from Pine Creek. Those findings and recommendations are applicable here.

March well 1 is constructed to a depth of 380 feet and is sealed to a depth of 85 feet. It penetrates a semiconfined to unconfined aquifer developed in sand and gravel below a depth of 96 feet. It is about 1400 feet from Swartz Creek. There is no potential for substantial interference with the nearby reach of the creek, based on the distance and the relatively deep casing seal.

The Key Brothers wells 1 and 2 are constructed to depths of 110 and 98 feet, respectively. They penetrate a semiconfined to unconfined aquifer developed in sand and gravel. Water levels at time of construction were at or slightly above land surface. The wells are about 1500 and 1600 feet from Pine Creek, respectively. The aquifer is likely in hydraulic connection with the creek. There is no potential for substantial interference, based on the distance to the creek.

I recommend permit conditions 7A and 7B.

TO: Water Rights Section

May 8, 1998

FROM: Groundwater/Hydrology Section Michael Zwart
Reviewer's Name

SUBJECT: Application G-14728

GROUNDWATER/SURFACE WATER CONSIDERATIONS

1. PER THE _____ Basin rules, one or more of the proposed POA's is/is not within _____ feet/mile of a surface water source (_____) and taps a groundwater source hydraulically connected to the surface water.
2. BASED UPON OAR 690-09 currently in effect, I have determined that the proposed groundwater use
 - a. ___ will, or _____ have the potential for substantial interference with the nearest
 - b. ___ will not _____ surface water source, namely _____; or
 - c. will if properly conditioned, adequately protect the surface water from interference:
 - i. The permit should contain condition #(s) 7 B;
 - ii. The permit should contain special condition(s) as indicated in "Remarks" below;
 - iii. The permit should be conditioned as indicated in item 4 below; or
 - d. ___ will, with well reconstruction, adequately protect the surface from substantial interference.

GROUNDWATER AVAILABILITY CONSIDERATIONS

3. BASED UPON available data, I have determined that groundwater for the proposed use
 - a. ___ will, or _____ likely be available in the amounts requested without injury to prior rights
 - b. ___ will not _____ and/or within the capacity of the resource; or
 - c. will if properly conditioned, avoid injury to existing rights or to the groundwater resource:
 - i. ___ The permit should contain condition #(s) 7 A;
 - ii. ___ The permit should contain special condition(s) as indicated in "Remarks" below;
 - iii. ___ The permit should be conditioned as indicated in item 4 below; or
4. } } }
 - a. ___ THE PERMIT should allow groundwater production from no deeper than _____ ft. below land surface;
 - b. The permit should allow groundwater production from no shallower than 120 ft. below land surface unless info. obtained during well construction indicates that a*
 - c. ___ The permit should allow groundwater production only from the _____ groundwater reservoir between approximately _____ ft. and _____ ft. below land surface;
 - d. ___ Well reconstruction is necessary to accomplish one or more of the above conditions.
 - e. ___ One or more POA's commingle 2 or more sources of water. The applicant must select one source of water per POA and specify the proportion of water to be produced from each source.

REMARKS: * shallower casing and seal could adequately prevent interference with nearby surface water sources.

Williams Wells 2, 3, +4: The permit should allow groundwater production only from basalt groundwater reservoirs.

See memo to file of this date for greater detail.
(Well Construction Considerations on Reverse Side)

(D) Encourage and promote control of nonpoint and point sources of water pollution.

(f) Watershed management: in addressing the issue of watershed management, it shall be the Commission's policy to:

(A) Encourage and promote improvements in water quality, quantity and related resources through agency-public cooperation and education about the benefits of watershed management.

(B) Encourage public and private landowners and managers to employ best management practices to benefit water quality and quantity.

(C) Encourage and support the retirement of highly erodible cropland as a means to enhance water quality and improve runoff patterns.

(D) Encourage and support riparian and stream channel enhancement as a means of improving flow distribution, water quality and related resource values.

Walla Walla River Subbasin

690-507-030

1) Objectives: In developing a program for the management, use and control of the surface and ground water resources of the Walla Walla subbasin, the Commission has the following objectives:

(a) Develop interstate cooperation with Washington in the management of surface and ground water and related resources.

(b) Protect instream values in selected streams by closing them to future appropriations or limiting new appropriations to selected nonirrigation uses.

(c) Preserve the opportunity for future upstream storage for all beneficial uses.

(d) Permit artificial ground water recharge to offset declining ground water levels and supplement existing ground water uses.

(e) Protect municipal ground water supplies.

(f) Prevent new appropriations from causing ground water/surface water interference.

(2) Surface Water: appropriation and use of surface water in the Walla Walla River subbasin shall comply with the following provisions:

(a) The unappropriated waters of the Walla Walla River and tributaries from and including the Little Walla Walla Diversion to the state border are withdrawn from further appropriation. This withdrawal does not apply to domestic, livestock, fish and wildlife uses or water released from storage. Frost protection between March 1 and May 15, up to a cumulative total of 35 cfs of permits and rights with priority dates after December 2, 1985, is also exempt from this withdrawal. This withdrawal was established by the Commission on January 17, 1986.

(b) The waters of Dugger Creek and tributaries, being entirely appropriated, are withdrawn from further appropriation. The purpose of the withdrawal is to avoid conflict between new uses and existing rights and administrative problems in the distribution of water resulting from new appropriations. The withdrawal was ordered by the State Engineer on August 12, 1933.

(c) Classification: permits to use surface water may be issued only for the following classified uses:

(A) The surface waters of the Walla Walla River subbasin generally, are classified for domestic, livestock, irrigation, municipal, industrial, power development (subject to the limitations of OAR Chapter 690, Division 51), mining, fish life, wildlife, recreation, pollution abatement, artificial ground water recharge, and public instream uses only;

(B) The surface waters of the Walla Walla River and tributaries upstream from the Little Walla Walla diversion are classified for domestic, livestock, irrigation of noncommercial lawn and garden not to exceed 1/2 acre, municipal, mining, fish life, wildlife, recreation, pollution abatement, artificial ground water recharge and public instream uses only;

(C) Subject to the rights and priorities existing on June 24, 1988, and established minimum perennial streamflows, 40,000 acre-feet of the annual yield of the Walla Walla River upstream from the Little Walla Walla diversion is further classified for all beneficial uses in conjunction with storage. All natural flow rights issued on the Walla Walla River and its tributaries upstream from the Little Walla Walla diversion after June 24, 1988, shall be subordinate to this classification. Any storage project built under this classification shall include provisions for municipal, fish and wildlife, and recreation uses acceptable to the Commission.

(D) The surface waters of Mill Creek and tributaries are classified for domestic, livestock, irrigation of noncommercial lawn and garden not to exceed 1/2 acre, municipal, fish life, wildlife, recreation, pollution abatement, artificial ground water recharge and public instream uses only; and

(E) The surface waters of Couse and Pine Creeks and tributaries are classified for domestic, livestock, irrigation of noncommercial lawn and garden not to exceed 1/2 acre, fish life, wildlife, pollution abatement, artificial ground water recharge and public instream uses only.

(d) Storage: surface waters legally stored and legally released may be used for any beneficial purpose.

(e) Artificial ground water recharge: use of surface water for ground water recharge shall be subject to the following conditions:

(A) Recharged water used under a secondary permit for irrigation may only provide supplemental water to lands with existing irrigation rights or permits on June 24, 1988;

(B) Diversion of surface water for recharge for irrigation under a secondary permit shall not exceed 3.375 acre feet per acre to be irrigated;

(C) If the recharged water is to be used for municipal or industrial purposes under a secondary permit, the applicant shall demonstrate to the satisfaction of the Commission that it has an active water conservation program; and

(D) Water shall be recharged only between December 1 and May 15.

(f) Minimum perennial streamflows: minimum streamflows may be established to support aquatic life, minimize pollution or maintain recreation values:

(A) To support aquatic life in accordance with Section 3, Chapter 796, Oregon Laws 1983, no appropriation of water shall be made or granted by any state agency or public corporation of the state for waters of the Walla Walla River and tributaries when flows are below the levels specified in Table 1. This limitation shall not apply to domestic and livestock use or to waters legally stored or released from storage; and

(B) To support aquatic life, no appropriations of water except for domestic and livestock uses or waters legally stored or released from storage shall be made or granted by any state agency or public corporation of the state when flows are below the specified levels for the streams listed in Table 1 with priority dates of 3-31-88.

(3) Ground Water: appropriation and use of ground water in the Walla Walla River subbasin shall comply with the following provisions:

(a) Classification: permits to use ground water may be issued only for the following classified uses:

(A) The ground water resources of the Walla Walla River subbasin are classified for statutorily exempt ground water uses (see definition), irrigation, municipal, industrial, power development, low temperature geothermal, mining, fish life, wildlife, recreation, pollution abatement, and artificial ground water recharge; and

(B) Ground water from the basalt reservoir in a five-mile radius around any municipal well of the cities of Athena, Helix, Milton-Freewater, and Weston is classified for municipal, group domestic and statutorily exempt ground water uses (see definition) only. Other uses may be permitted if it is documented that a barrier to ground water movement separates a proposed well from municipal wells and there will be no interference with municipal wells. Applications for other uses of ground water within a five-mile radius of a municipal well shall automatically be referred to the Commission for review and consideration of public interest unless the affected city affirms that it is in favor of the proposed appropriation. This classification applies only when the affected city(ies) have a full-time conservation program in effect.

(b) Permits issued to appropriate ground waters that may be hydraulically connected with surface water shall be specially conditioned. The condition shall specify that when exercise of the permit unduly interferes with surface water, the permit will be regulated in favor of the surface water source.

Wildhorse Creek Subbasin

690-507-040

PLACE OF USE REPORT 6 N 34 E
Section(s) 22 23 27 35

TWP/RNG	POU-ID	POD-ID	APPLICATION	PERMIT	CERT #	USE		
6.00N34.00E	408	114	S	61015	S	46985	61095	IR
6.00N34.00E	409	119	S	59671	S	46984	61094	IS
6.00N34.00E	410	107	U	294	U	269	30636	IR
6.00N34.00E	413	54	S	48058	S	36036	45440	IR
6.00N34.00E	414	54	S	48058	S	36036	45440	IR
6.00N34.00E	10000	10	D	0	D	39	39	IR
6.00N34.00E	10000	12	G	1346	G	1230	31113	IS
6.00N34.00E	10000	12	G	1346	G	1230	31113	IR
6.00N34.00E	10000	10	D	0	D	39	39	IR
6.00N34.00E	10002	31	D	0	D	5516	5516	IR
6.00N34.00E	10003	55	D	0	D	5542	5542	IR

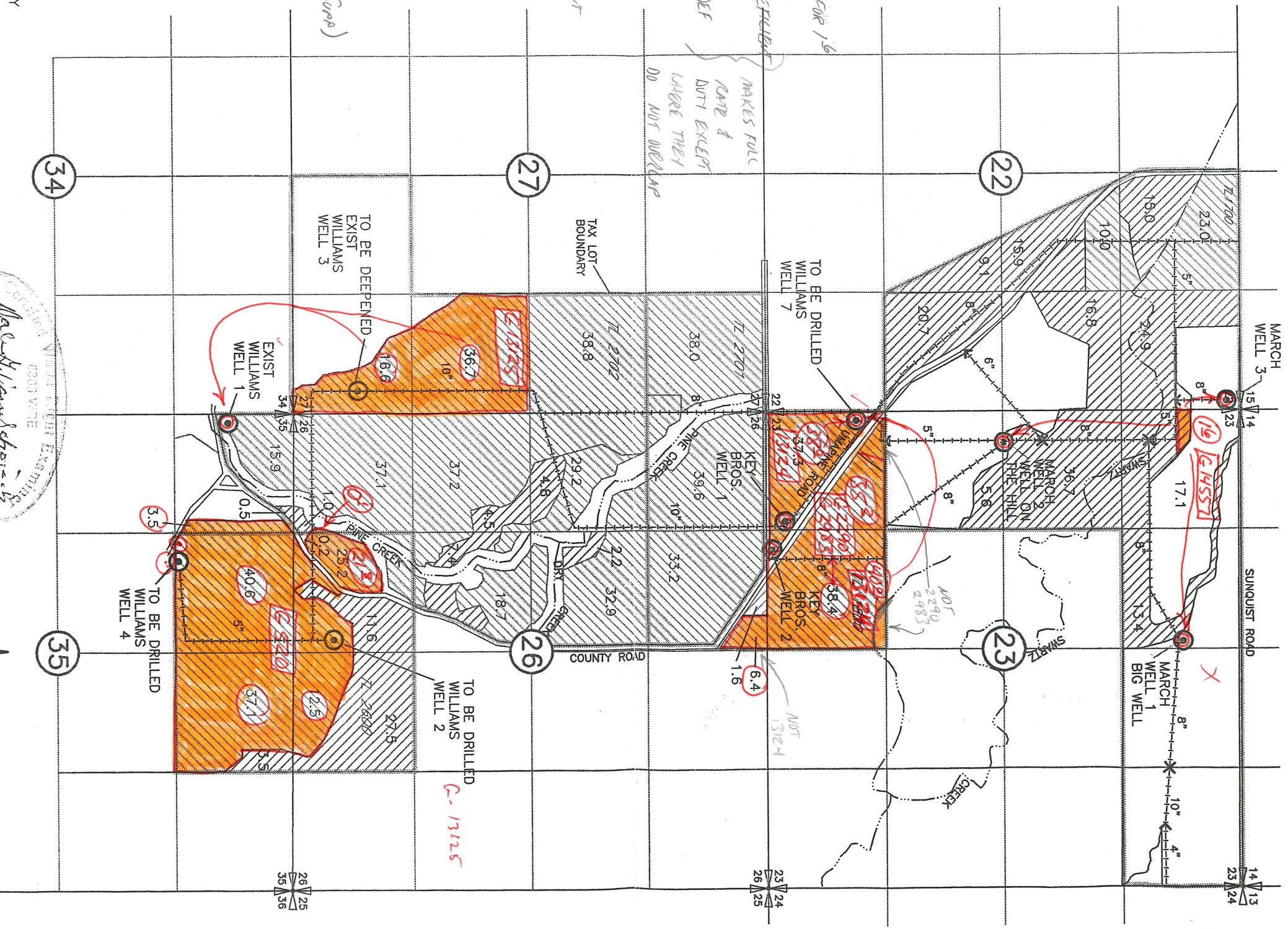
PLACE OF USE REPORT 6 N 34 E
Section(s) 22 23 27 35

TWP/RNG	POU-ID	POD-ID	APPLICATION	PERMIT	CERT #	USE		
6.00N34.00E	193	31	D	0	D	5528	5528	IR
6.00N34.00E	194	27	S	1095	S	519	49819	IR
6.00N34.00E	195	27	S	1095	S	519	49819	IR
6.00N34.00E	195	61	G	8472	G	7875	64240	IS
6.00N34.00E	196	18	S	16416	S	12221	12262	IR
6.00N34.00E	196	74	GR	1132	GR	0	1092	IR
6.00N34.00E	196	19	S	16416	S	12221	12262	IR
6.00N34.00E	196	17	S	16416	S	12221	12262	IR
6.00N34.00E	196	61	G	8472	G	7875	64240	IR
6.00N34.00E	196	0	D	0	D	13083	67205	I*
6.00N34.00E	197	61	G	8472	G	7875	64240	IR
6.00N34.00E	198	61	G	8472	G	7875	64240	IR
6.00N34.00E	199	61	G	8472	G	7875	64240	IR
6.00N34.00E	199	74	GR	1132	GR	0	1092	IR
6.00N34.00E	200	62	G	8472	G	7875	64240	IR
6.00N34.00E	201	0	D	0	D	13083	67205	I*
6.00N34.00E	201	61	G	8472	G	7875	64240	IS
6.00N34.00E	201	74	GR	1132	GR	0	1092	IR
6.00N34.00E	202	53	G	13637	G	12481	0	IS
6.00N34.00E	202	63	G	11329	G	10560	65975	IR
6.00N34.00E	202	0	D	0	D	13083	67205	I*
6.00N34.00E	203	53	G	13637	G	12481	0	IS
6.00N34.00E	203	63	G	11329	G	10560	65975	IR
6.00N34.00E	203	0	D	0	D	13083	67205	I*
6.00N34.00E	204	63	G	11329	G	10560	65975	IR
6.00N34.00E	205	63	G	11329	G	10560	65975	IR
6.00N34.00E	206	63	G	11329	G	10560	65975	IR
6.00N34.00E	206	27	S	1095	S	519	49819	IR
6.00N34.00E	207	55	S	61	S	24	1013	ID
6.00N34.00E	207	63	G	11329	G	10560	65975	IS
6.00N34.00E	207	0	D	0	D	13083	67205	I*
6.00N34.00E	207	55	D	0	D	5533	5533	IR
6.00N34.00E	208	6	S	33492	S	26499	50402	IS
6.00N34.00E	208	7	S	33492	S	26499	50402	IS
6.00N34.00E	208	55	E	131	E	9	2810	IR
6.00N34.00E	209	63	G	11329	G	10560	65975	IS
6.00N34.00E	209	55	S	23526	S	18637	21195	IR
6.00N34.00E	210	31	S	8283	S	5383	6323	IR
6.00N34.00E	211	65	S	10223	S	6760	9185	IR
6.00N34.00E	211	54	S	48058	S	36036	45440	IS
6.00N34.00E	212	60	D	0	D	5532	5532	IR
6.00N34.00E	212	66	G	2290	G	2583	36131	IR
6.00N34.00E	212	67	G	2983	G	2777	36132	IS
6.00N34.00E	212	66	G	2290	G	2583	36131	IS
6.00N34.00E	213	55	D	0	D	5532	5532	IR
6.00N34.00E	214	60	D	0	D	5532	5532	IR
6.00N34.00E	215	60	D	0	D	5532	5532	IR
6.00N34.00E	216	60	D	0	D	5532	5532	IR
6.00N34.00E	217	107	U	294	U	269	30636	IR
6.00N34.00E	217	60	D	0	D	5532	5532	IR

RECEIVED
 APR 20 1998
 WATER RESOURCES DEPT.
 SALEM, OREGON

GROUNDWATER APPLICATION
 MAP FOR
 Ray Williams of T. O. Williams & Associates
 T 6N, R34E WM

Application No. G 14728
 Permit No.



G 14751 FULL RATE FOR 1/6
 G 2290 } .11 CFS DEFICIENT 2983
 G 13124 .351 CFS DEF
 G 13125 FULL RATE
 G 520 .11 DEFICIENT

COVERED BY A
 PREVIOUS GW
 RIGHT (PRI OR SPROP)

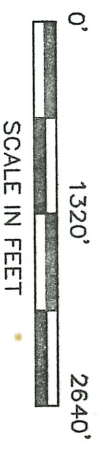
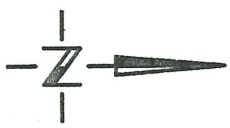
MAKES FULL
 RATE &
 DUTY EXCEPT
 WHERE THEY
 DO NOT OVERLAP

PRIMARY
 SUPPLEMENTAL

POINTS OF APPROPRIATION

MARCH WELL 1	LOCATED	650'	S AND	90'	V OF N	1/4 CORNER	SEC 23
MARCH WELL 2	LOCATED	10'	N AND	350'	E OF W	1/4 CORNER	SEC 23
MARCH WELL 3	LOCATED	150'	S AND	110'	W OF NE CORNER	SEC 22	
KEY BROS. WELL 1	LOCATED	260'	N AND	1230'	E OF SW CORNER	SEC 23	
KEY BROS. WELL 2	LOCATED	30'	N AND	1620'	E OF SW CORNER	SEC 23	
WILLIAMS WELL 1	LOCATED	760'	S AND	40'	E OF SW CORNER	SEC 35	
WILLIAMS WELL 2	LOCATED	240'	N AND	2530'	E OF SW CORNER	SEC 26	
WILLIAMS WELL 3	LOCATED	400'	N AND	100'	W OF SE CORNER	SEC 27	
WILLIAMS WELL 4	LOCATED	1353'	S AND	1650'	E OF NW CORNER	SEC 35	
WILLIAMS WELL 7	LOCATED	1000'	N AND	100'	E OF SW CORNER	SEC 23	

Maple Williams & Associates
 4/1/98



NOTE:
 THE PURPOSE OF THIS MAP IS TO IDENTIFY THE APPROXIMATE LOCATION OF THE WATER RIGHT. IT IS NOT INTENDED TO PROVIDE INFORMATION RELATIVE TO THE LOCATION OF PROPERTY OWNERSHIP BOUNDARY LINES.

RECEIVED

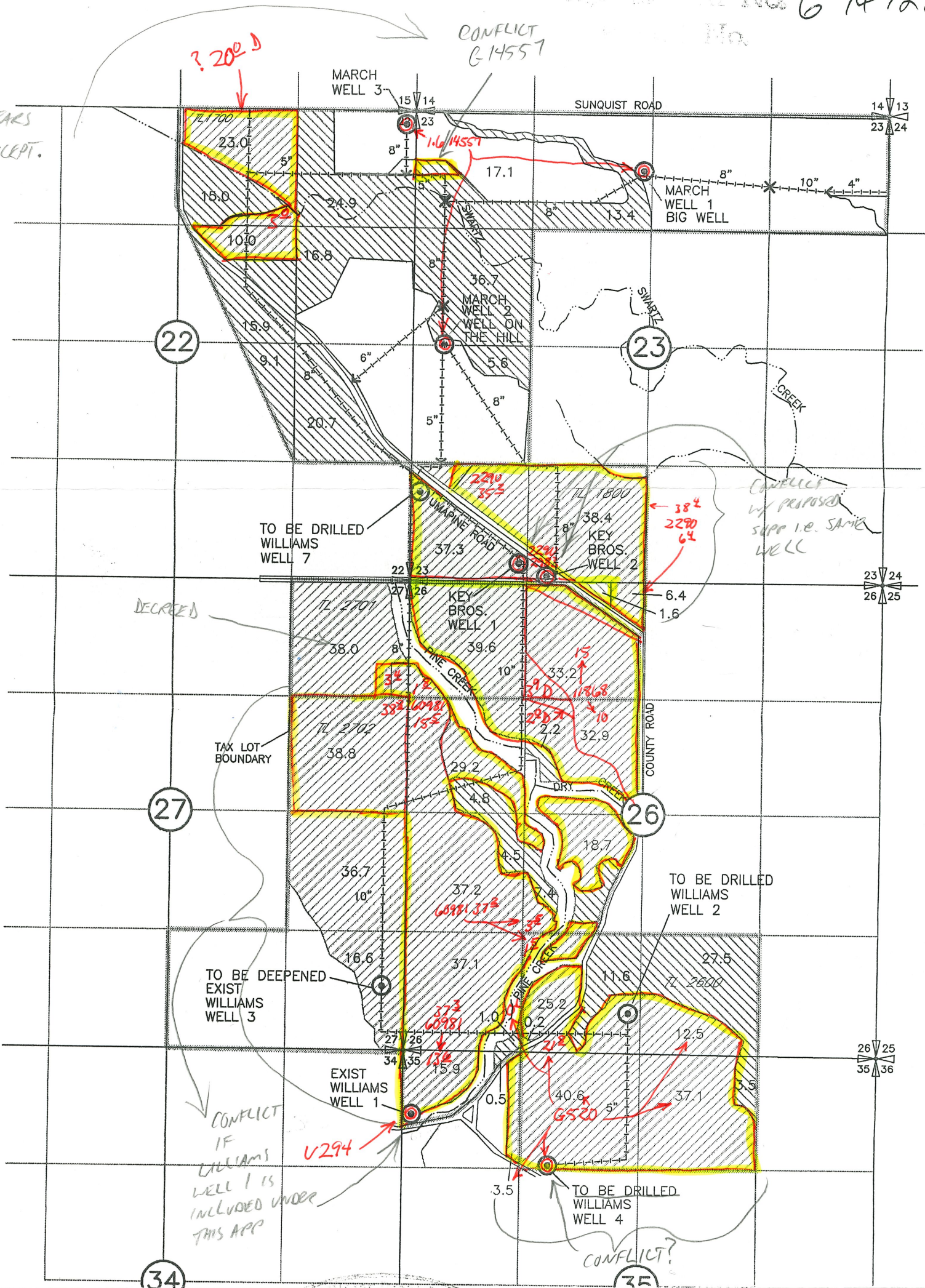
APR 20 1998

WATER RESOURCES DEPT.
SALEM, OREGON

GROUNDWATER APPLICATION MAP FOR Ray Williams of T. O. Williams & Associates T 6N, R34E WM

Application No. G 14728
Salem, OR

PRIMARY APPEARS
TO BE OK EXCEPT.



CONFLICT IF WILLIAMS WELL 1 IS INCLUDED UNDER THIS APP

CONFLICT W/ PROPOSED SUPP I.E. SAME WELL

CONFLICT?

STATE ENGINEER
Salem, Oregon

UMAT
4178

William Well No 11

Well Record

STATE WELL NO
COUNTY
APPLICATION NO. U-294

OWNER: Dorothy Kelly Cockburn

MAILING ADDRESS:

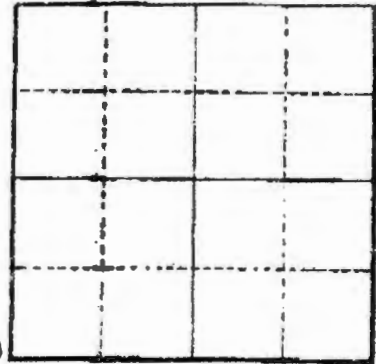
LOCATION OF WELL: Owner's No.

CITY AND STATE:

NW ¼ NW ¼ Sec T. N. S., R. E. W., W.M.

Bearing and distance from section or subdivision

corner 746' S. & 23' E. of NW corner of Sec. 35



Altitude at well

TYPE OF WELL: Drilled Date Constructed Sept. '47 - Mar '48

Depth drilled 702 Depth cased 60

Section 35

CASING RECORD:

18 and 14 inch - set to 60 feet

FINISH:

Application No. 6-14728
Permit No.

AQUIFERS:

WATER LEVEL:

PUMPING EQUIPMENT: Type H.P.
Capacity G.P.M.

WELL TESTS:

Drawdown ft. after hours G.P.M.

Drawdown ft. after hours G.P.M.

USE OF WATER Irrigation Temp. °F., 19...

SOURCE OF INFORMATION U-294, U.S.G.S. Report

DRILLER or DIGGER A. A. Durand & Son

ADDITIONAL DATA:

Log Water Level Measurements Chemical Analysis Aquifer Test

REMARKS:

RECEIVED

APR 20 1998

STATE ENGINEER
Salem, Oregon

WATER RESOURCES DEPT.
SALEM, OREGON

State Well No. 63/34-15
County Umatilla
Application No. 7-204

Well Log

Owner: Dorothy Kelly Cockburn Owner's No.

Driller: A. A. Durand & Son Date Drilled Sept. 14, Mar. 1

CHARACTER OF MATERIAL	(Feet below land surface)		Thickness (feet)
	From	To	
Soil and yellow clay	0	11	11
Gravel, cemented	11	20	9
Rock and boulders	20	21	1
Gravel, cemented	21	37	16
Rock, water bearing	37	38	1
Basalt, brown	38	48	10
Gravel	48	51	3
Gravel and clay	51	58	7
Gravel, cemented	58	75	17
Basalt, brown	75	90	15
Basalt, brown, hard	90	102	12
Basalt, orevice	102	106	4
Basalt, honey combed, water bearing	106	108	2
Basalt, brown, hard	108	120	12
Gravel, gray, cemented	120	125	5
Clay, blue and gravel	125	140	15
Basalt, brown, water bearing	140	160	20
Basalt, hard, gray	160	168	8
Basalt, gray	168	178	10
Basalt, gray, soft	178	200	22
Basalt, broken, brown	200	220	20
Basalt, blue	220	255	35
Basalt, brown honeycombed	255	260	5
Basalt, blue	260	270	10

STATE ENGINEER
Salem, Oregon

RECEIVED

APR 20 1998

State Well No. 6N/24-352
County Unatilla
Application No. U-294

WATER RESOURCES DEPT.
SALEM, OREGON

Well Log - Cont.

Owner: Dorothy Kelly Cockburn Owner's No.

Driller: A. A. Durand Date Drilled Sept. '47 - Mar. '48

CHARACTER OF MATERIAL	(Feet below land surface)		Thickness (feet)
	From	To	
Basalt, gray	270	280	10
Rock, honeycombed	280	304	24
Basalt, blue	304	354	50
Basalt, black	354	371	17
Basalt, blue	371	378	7
Basalt, black	378	388	10
Basalt, blue, water bearing	388	394	6
Basalt, black	394	403	9
Basalt, firm, water flowing	403	408	5
Basalt	408	430	22
Basalt, hard	430	434	4
Basalt	434	436	2
Basalt, hard and sharp formation	436	440	4
Basalt, sandy	440	443	3
Basalt	443	454	11
Basalt, hard	454	458	4
Basalt, flowing 165 gpm	458	575	117
Shale, brown	575	580	5
Basalt	580	600	20
Basalt, hard	600	708	108

APR 20 1998

Key Bros

UMATILLA 4121

WATER RESOURCES DEPT SALEM OREGON 671/34E-2

NOTICE TO WATER WELL CONTRACTOR The original and first copy of this report are to be filed with the STATE ENGINEER, SALEM, OREGON within 30 days from the date of well completion.

RECEIVED WATER WELL REPORT STATE OF OREGON (Please type or print)

State Permit No.

(1) OWNER: Marion Cockburn, Route 2 - Box 109, Milton-Freewater, Oregon

(2) LOCATION OF WELL: Umatilla County, 1/4 Section 23 T. 6 R. 31 E.W.M., Bearing and distance from section or subdivision corner

(3) TYPE OF WORK (check): New Well, Deepening, Reconditioning, Abandon

(4) PROPOSED USE (check): Domestic, Industrial, Municipal, Irrigation, Test Well, Other

(5) TYPE OF WELL: Rotary, Driven, Cable, Jetted, Dug, Bored

(6) CASING INSTALLED: 10" Diam. from 0 ft. to 80 ft. Gage 280

(7) PERFORATIONS: Perforated Yes No, Type of perforator used Mills, Size of perforations 3/8 in. by 2 in.

(8) SCREENS: Wall screen installed? Yes No, Manufacturer's Name, Model No., Slot size, Set from ft. to ft.

(9) CONSTRUCTION: Well seal—Material used in seal Bentonite clay, Depth of seal 20 ft., Diameter of well bore to bottom of seal 14 in.

(10) WATER LEVELS: Static level 0 ft. below land surface Date 2/1/65, Artesian pressure lbs. per square inch Date

(11) WELL TESTS: Drawdown is amount water level is lowered below static level, Was a pump test made? Yes No, Yield: 150 gal./min. with 80 ft. drawdown after 2 hr

(12) WELL LOG: Diameter of well below casing 10", Depth drilled 110 ft. Depth of completed well 110 ft

Table with columns MATERIAL, FROM, TO. Rows: Gray clay & fine sand (0-12), Gray clay (12-24), Red clay & gravel (24-41), Pine gravel & red clay (41-50), Red clay (50-52), Pine gravel & red clay (52-110)

Work started 11/12/64, Completed 2/2/65, Date well drilling machine moved off of well 2/2/65

(13) PUMP: Manufacturer's Name, Type

Water Well Contractor's Certification: This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief. NAME E. M. J. Behrens, Address P.O. Box 201-Milton-Freewater, Ore., Drilling Machine Operator's License No. 124, [Signed] E. M. J. Behrens, Contractor's License No. 229, Date 3/1/65

File Original and First Copy with the STATE ENGINEER, SALEM, OREGON

(1) OWNER: Dorothy Kelly Cockburn
Name ~~Dorothy Kelly Cockburn~~
Address R.T. # 2 Milton Free Water Co.

(2) LOCATION OF WELL:
County Wasco Owner's number, if any—
1/4 1/4 Section T. R. W.M.
Bearing and distance from section or subdivision corner

(3) TYPE OF WORK (check):
New Well Deepening Reconditioning Abandon
Abandonment, describe material and procedure in Item 11.

(4) PROPOSED USE (check):
Domestic Industrial Municipal
Irrigation Test Well Other

(5) TYPE OF WELL:
Rotary Driven
Cable Jetted
Dug Bored

(6) CASING INSTALLED:
10" Diam. from 0 ft. to 59' 10" ft. Gage 5/16
" Diam. from ft. to ft. Gage
" Diam. from ft. to ft. Gage

(7) PERFORATIONS:
Type of perforator used Mills Perforated? Yes No
SIZE of perforations 1/2 in. by 3 in.
perforations from ft. to ft.
20 perforations from 28 ft. to 40 ft.
perforations from ft. to ft.
perforations from ft. to ft.
perforations from ft. to ft.

(8) SCREENS:
Well screen installed Yes No
Manufacturer's Name Model No.
Lenth. Slot size Set from ft. to ft.
Diam. Slot size Set from ft. to ft.

(9) CONSTRUCTION:
Was well gravel packed? Yes No Size of gravel:
Gravel placed from ft. to ft.
Was a surface seal provided? Yes No To what depth? 15 ft.
Material used in seal— clay puddled
Did any strata contain unusable water? Yes No
Type of water: Depth of strata
Method of sealing strata off

(10) WATER LEVELS:
Static level 0 ft. below land surface Date March 16-55
Artesian pressure 168 lbs. per square inch Date Mar 16-55

Log Accepted by: _____
[Signed] _____ Date 4-9, 1962
Dorothy Kelly Cockburn (Owner)

(11) WELL TESTS: Drawdown is amount water level is lowered below static level
Was a pump test made? Yes No If yes, by whom? L.W. Marlett
Yield: 200 gal./min. with 75 ft. drawdown after 6 h.
Bailer test gal./min. with ft. drawdown after h.
Artesian flow 15 g.p.m. Date March 16-55
Temperature of water 52 Was a chemical analysis made? Yes No

(12) WELL LOG: Diameter of well 10 inches
Depth drilled 98 ft. Depth of completed well 98 ft.
Formation: Describe by color, character, size of material and structure, and show thickness of aquifers and the kind and nature of the material in each stratum penetrated, with at least one entry for each change of formation

MATERIAL	FROM	TO
Top Soil - clay	0	27
Cement Gravel (Brown)	27	41
Black Sand (Med.-clean)	41	52
Water Bearing Gravel (Med.)	52	60
Cement Gravel - Brown clay	60	98
Black Sand (Med.-clean)	98	

Work started Mar 1-51 19 Completed Mar 16 1955

(13) PUMP:
Manufacturer's Name
Type R.P.

Well Driller's Statement:
This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.
NAME Lewell W. Marlett
Address R.T. # 2 Box 111 Milton Free Water Co.
Driller's well number
[Signed] Lewell W. Marlett
License No. 265 Date April 6, 1962

STATE OF OREGON
WATER WELL REPORT
 (as required by ORS 537.785)

32

MAY 1 1993

OCT 17 1988

March Well No 3 6N/34E-22

(START CARD) # UMAT 5378

(1) OWNER: Well Number: WATER RESOURCES DEPT
 Name Herb March SALEM, OREGON
 Address Rt 21 Box 27
 City Miller Freewater State Ore Zip 97862

(9) LOCATION OF WELL by legal description:
 County Umatilla Latitude 45-59° Longitude 118-32
 Township 6 Nor S. Range 34 Or W. WM.
 Section 22 1/4 1/4
 Tax Lot _____ Lot _____ Block _____ Subdivision _____
 Street Address of Well (or nearest address) 30'S 34 W of R.E. corner of 22

(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 303 ft.
 Explosives used Type _____ Amount _____

HOLE		SEAL		Amount sacks or pounds
Diameter	From To	Material	From To	
	12 0 35			
	20 0 26	BC-Tenite	0 26	300#

How was seal placed: Method A B C D E
 Other Grout pump p.
 Backfill placed from _____ ft. to _____ ft. Material _____
 Gravel placed from _____ ft. to _____ ft. Size of gravel _____

(6) CASING/LINER:

Casing/Liner	Diameter	From	To	Gauge	Steel		Plastic		Welded		Threaded	
					Steel	Plastic	Welded	Threaded	Welded	Threaded		
Casing	12	0	303	2.50	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input 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"/>	<input type="checkbox"/>	<input type="checkbox"/>

Final location of shoe(s) 303' L

(7) PERFORATIONS/SCREENS:

Perforations Method Acetone
 Screens Type _____ Material _____

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
57	288	48	440		3/8" 8"	<input checked="" type="checkbox"/>	<input type="checkbox"/>

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

Pump Bailer Air Flowing Artesian

Yield gal/min	Drawdown	Drill stem at	Time
300	205		6hr.

Temperature of water 59 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:
 _____ ft. below land surface. Date APR 20 1988
 Artesian pressure _____ lb. per square inch. Date _____

(11) WATER BEARING ZONES

Depth at which water was first found 54

From	To	Estimated Flow Rate	SWL
57	71	10	30
139-145		50	27
223	229	200	25

(12) WELL LOG: Ground elevation _____

Material	From	To	SWL
Top soil - Brown clay	0	26	
Broken Cement Gravel	26	54	
fine Gravel 10 gpm Brown	54	71	30
Brown Cement Gravel	71	84	
Brown clay	84	139	
Med Gravel cleaner			
Possibly water	139	145	27
Cement Gravel - Brown	145	180	
Brown clay	180	184	
Cement Gravel - Brown	184	218	25
Brown clay	218	223	
Med Gravel water clean	223	229	
Brown clay	229	234	
Cement Gravel - Brown	234	281	
Brown clay	281	292	
Blue clay tan clay	292	302	25
Blue clay	302	315	25

Date started Feb 1 - 88 Completed March 17 - 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 Lawrence M. Madett WWC Number 265
 Date OCT 12 - 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. 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 Lawrence M. Madett WWC Number 265
 Date OCT 12 - 88

UMAT 5376
5357
6W/34E-2

of this report are to be filed with the
STATE ENGINEER, SALISBURY, OREGON 97310
within 30 days from the date of well completion.

WATER WELL REPORT
STATE OF OREGON
MAY 1989 (Please type or print)
(Do not write above this line)
WATER RESOURCES DEPARTMENT
SALISBURY, OREGON

State Well No. _____
Permit No. _____
RECEIVED

APR 20 1998

(1) OWNER: HERB MARCH
Name HERB MARCH
Address H.T. 1 Box 27 Minko Precinct Ore 97822

(2) TYPE OF WORK (check):
New Well Deepening Reconditioning Abandon
If abandonment, describe material and procedure in Item 12.

(3) TYPE OF WELL: Rotary Driven
Cable Jetted
Dug Bored
(4) PROPOSED USE (check): Domestic Industrial Municipal
Irrigation Test Well Other

CASING INSTALLED: Threaded Welded
12" Diam. from 0 ft. to 315 ft. Gage 250
10" Diam. from 305 ft. to 380 ft. Gage Pvc

PERFORATIONS: Perforated? Yes No
Type of perforator used Torch
Size of perforations 1/4 x 8 in. by _____ in.
360 perforations from 96 ft. to 295 ft.
_____ perforations from _____ ft. to _____ ft.
_____ perforations from _____ ft. to _____ ft.

(7) SCREENS: Well screen installed? Yes No
Manufacturer's Name _____
Type _____ Model No. _____
Diam. _____ Slot size _____ Set from _____ ft. to _____ ft.
Diam. _____ Slot size _____ Set from _____ ft. to _____ ft.

(8) WELL TESTS: Drawdown is amount water level is lowered below static level
Was a pump test made? Yes No If yes, by whom? Driller
1: 270 gal./min. with 280 ft. drawdown after 2 hrs.
_____ " _____ " _____ " _____ " _____ " _____ "
_____ " _____ " _____ " _____ " _____ " _____ "
Bailer test _____ gal./min. with _____ ft. drawdown after _____ hrs.
_____ " _____ " _____ " _____ " _____ " _____ "
_____ " _____ " _____ " _____ " _____ " _____ "
Temperature of water 60 Depth artesian flow encountered _____ ft.

(9) CONSTRUCTION:
Well seal—Material used Cement 4-85
Well sealed from land surface to 27 ft.
Diameter of well bore to bottom of seal 20 in.
Diameter of well bore below seal 12 in.
Number of sacks of cement used in well seal 2 cubic yds sacks
Number of sacks of bentonite used in well seal None sacks
Brand name of bentonite _____
Number of pounds of bentonite per 100 gallons _____
of water _____ lbs./100 gals.
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: p.c.a. gravel
Gravel placed from 0 ft. to 90 ft.

(10) LOCATION OF WELL:
County UMAT Drillwell Number _____
Section 23 T. 6 S. 34 E. W.M.

Bearing and distance from section or subdivision corner
Well located 320' E of NW corner of Sec 23

(11) WATER LEVEL: Completed well.
Depth at which water was first found 21 ft.
Static level 20 ft. below land surface. Date 2-15-79
Artesian pressure _____ lbs. per square inch. Date _____

(12) WELL LOG: Diameter of well below casing 12"
Depth drilled 380 ft. Depth of completed well 380 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.

MATERIAL	From	To	SWL
Topsoil & Brown clay	0	32	
Bluish Brown clay	32	37	21
sm GRAVEL + coarse Black SAND	37	45	
FINE Brown SAND	45	47	
Brown clay FINE GRAVEL	47	51	
GREENISH Brown clay + gravel	51	60	
GRAYISH clay + med gravel	60	81	
Brown clay + sm gravel	81	96	
Brown clay + sm gravel	96	119	
MED GRAVEL + coarse SAND	119	161	
MED GRAVEL + Black SAND	161	173	
Brown clay	173	175	
MED TO Lg GRAVEL + Black SAND	175	183	20
MED GRAVEL FINE Brown SAND	183	191	
MED GRAVEL - clean	191	232	
sm GRAVEL + FINE SAND (Black)	232	265	
sm GRAVEL + Brown clay	265	272	
med GRAVEL + DARK Brown clay	272	282	
sm to med GRAVEL - Br. clay + SAND	282	331	

Work started OCT 1978 Completed FEB 1979
Date well drilled _____
Name _____ (Person, firm or corporation) (Type or print)

MATERIAL	FROM	TO
sm GRAVEL FINE Black SAND	331	335
light Brown clay (tan)	335	350
light Brown clay - FINE GRAVEL	350	365
FINE GRAVEL + coarse Black SAND	365	370
light Brown clay - very sticky	370	376
Blue clay	376	380

Name _____ (Person, firm or corporation) (Type or print)
Address RT 2 Box 140 - MF. ORE 97862
(Signed) Lowell N. Mott
(Water Well Contractor)
Contractor's License No. 265 Date Oct. 6 1989

WATER WELL CONTRACTOR
 The original and first copy
 of this report are to be
 filed with the
 STATE ENGINEER, SALEM, OREGON 97310
 within 30 days from the date
 of well completion.

RECEIVED
 WATER WELL REPORT
 STATE OF OREGON
 SEP 19 1977
 (Please type or print)
 WATER RESOURCES DEPT.
 SALEM, OREGON

March Well #2
 State Well No. 60144E-23
 State Permit No. 4113
RECEIVED
 APR 20 1998

OWNER:
 Herb March
 RT #1 Box 27 Milton freewater

(10) LOCATION OF WELL: **WATER RESOURCES DEPT.**
 County Clatsop Driller's well number OREGON
NE 1/4 SW 1/4 Section 23 T. 34 R. 16E W.M.

TYPE OF WORK (check):
 Well Deepening Reconditioning Abandon
 Abandonment, describe material and procedure in Item 12.

Bearing and distance from section or subdivision corner
666 ft. N 127 ft. W, from SE corner.

TYPE OF WELL: (4) PROPOSED USE (check):
 Driven Domestic Industrial Municipal
 Jetted Irrigation Test Well Other
 Bored

(11) WATER LEVEL: Completed well.
 Depth at which water was first found 39 ft.
 Static level 5' 49 1/2 ft. below land surface. Date Aug. 4-77
 Artesian pressure _____ lbs. per square inch. Date _____

CASING INSTALLED:
 Threaded Welded
2" Diam. from 0 ft. to 304.5" ft. Gage 1250
PVC Diam. from 300 ft. to 370 ft. Gage 1250

(12) WELL LOG: Diameter of well below casing 12
 Depth drilled 375 ft. Depth of completed well 365 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 indicates principal water-bearing strata.

PERFORATIONS: Perforated? Yes No.
 Type of perforator used Acetylene + mills
 Number of perforations 3/8 in. by 8 in.
180 perforations from 164 ft. to 294 ft.
Mills 1/2 x 3 perforations from _____ ft. to _____ ft.
30 perforations from 28 ft. to 164 ft.

MATERIAL	From	To	SWL
Top soil - Brown clay	0	28	
Gravel Cement - Brown	28	39	
Drilling water			
Cement Gravel (some casing)	39	45	39
Cement Gravel (Brown)	45	139	
Gravel Med (water)	139	135	44
Gravel with clay - Brown	135	179	
Gravel Med - Clean water	179	188	48
Gravel Cement - Brown	188	219	
Gravel - Carinae lime			
Some cleaner	219	226	
Clay - Brown	226	228	
Gravel with Brown clay	228	236	
Clay - Brown	236	239	
Gravel Cement - Brown	239	258	
Clay - Brown	258	264	
Gravel (possibly water)	264	283	59 1/2
Clay - Brown	283	285	

SCREENS: Well screen installed? Yes No
 Manufacturer's Name _____
 Model No. _____
 Slot size _____ Set from _____ ft. to _____ ft.
 Slot size _____ Set from _____ ft. to _____ ft.

Work started July 17 19 77 Completed Aug. 4 19 77
 Date well drilling machine moved off of well Aug. 5 19 77

WELL TESTS: Drawdown is amount water level is lowered below static level
 Was a pump test made? Yes No If yes, by whom? Maulatt
 Rate: 570 gal./min. with 150 ft. drawdown after 10 hrs.
650 " " 200 " 10 "
 Other test _____ gal./min. with _____ ft. drawdown after _____ hrs.
 Artesian flow _____ g.p.m.

Drilling Machine Operator's Certification:
 This well was constructed under my direct supervision. Materials used and information reported above are true to my best knowledge and belief.
 [Signed] Lowell W. Maulatt Date Aug. 6, 1977
 (Drilling Machine Operator)
 Drilling Machine Operator's License No. 11

CONSTRUCTION:
 Well seal—Material used Bentonite
 Well sealed from land surface to 28 ft.
 Diameter of well bore to bottom of seal 16 in.
 Diameter of well bore below seal 12 in.
 Number of sacks of cement used in well seal _____ sacks
 Number of sacks of bentonite used in well seal 2 1/2 sacks
 Brand and name of bentonite National
 Number of pounds of bentonite per 100 gallons water 80 lbs./100 gals.
 Was a drive shoe used? Yes No Plugs _____ Size: location _____ ft.
 Do any strata contain unusable water? Yes No
 Depth 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.

Water Well Contractor's Certification:
 This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.
 Name Lowell W. Maulatt
 (Person, firm or corporation) (Type or print)
 Address RT #2 Box 140 B.M.F. Ore.
 [Signed] Lowell W. Maulatt
 (Water Well Contractor)
 Contractor's License No. 265 Date Aug. 6 19 77

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Land Use Information Form: Permits, Hydroelectric Licenses, Water Uses in Addition to Classified Uses

APR 20 1998

WATER RESOURCES DEPT. SALEM, OREGON

This information is needed to determine compatibility with local comprehensive plans as required by ORS 197.180. The Water Resources Department will use this and other information to evaluate the water use application. DO NOT FILL OUT THIS FORM IF water is to be diverted, conveyed, and/or used only on federal lands.

Applicant's Name: T. O. William and Associates C/O Ray Williams

Address: 49654 Umapine Road

City: Milton-Freewater State: Oregon Zip: 97862 Day Phone: 541/938-9016

Please provide information as requested below for all tax lots on or through which water will be diverted or used. (Attach extra sheets as necessary.) Applicants for municipal use, or irrigation uses within irrigation districts, may substitute existing and proposed service area boundaries for the tax lot information requested below.

(CHECK ALL THAT APPLY)

Table with 5 columns: TAX LOT LOCAL ID #, PLAN DESIGNATION / ZONING (e.g., Rural Residential / RR-5), WATER DIVERTED, WATER CONVEYED, WATER USE. Row 1: 6N 34E T.L. 2702, 1800, 1700, 2701, 2600, [redacted], [blank], [check], [check], [check].

Please list all counties and cities within which water is proposed to be diverted, conveyed, and/or used.

The following section must be completed by a planning official from each county and city listed unless your project will be located entirely within the city limits. In this case, only the city planning agency must complete this form. Please request additional forms as needed.

Application No. 6-14728 Permit No.

For Local Government Use Only

Local planning officials are to complete the remainder of this form. If it cannot be completed while the applicant waits, sign and detach the receipt as instructed below. You will receive notice when the applicant's water right request is filed with the Water Resources Department (WRD). You will have 30 days from the notice date to return this completed land use form to WRD. If no land use information is received from you within that period, WRD may presume the land use associated with the proposed water right is compatible with your comprehensive plan.

- a) Check the appropriate box below and provide requested information. [check] Land uses to be served by proposed water uses (including proposed construction) are allowed outright or are not regulated by your comprehensive plan. Cite applicable ordinance section(s): 152.055. Go to section b) on reverse side. [] Land uses to be served by proposed water uses (including proposed construction) involve discretionary land use approvals as listed in the table on the reverse of this form. Note: Please attach documentation of applicable local land use approvals which have already been obtained. (Record of Action plus accompanying findings is sufficient.)

Receipt for Request for Land Use Information

WRD Applicant Name: _____

This receipt must be signed by a local government representative and returned to the applicant for inclusion in the WRD application IF the local government cannot provide the above requested land use information while the applicant waits.

City or County: _____

Staff Contact: _____ Phone: _____

Signature: _____ Date of Information Request: _____

Type of Land Use Approval Needed (e.g., plan amendments, rezones, conditional use permits, etc.)	Cite Most Significant, Applicable Plan Policies & Ordinance Section References	Already Obtained	Already Denied	Being Pursued Satisfactorily

b) Please provide printed name and written signature.

Name: Beth Thiel Date: 3-24-98

Title: Zoning Aide Phone: (541) 278-6252

Signature: Beth Thiel

Local governments are invited to express special land use concerns or make recommendations to the Department regarding this proposed use of water below, or on a separate sheet.

Additional Comments:

APPLICATION FACT SHEET

*Mail to: Applicant, Watermaster, District Biologist (ODFW)
If necessary, also mail to : Regional Water quality manager (DEQ), and DOA*

Application File Number: G-14728

Applicant: T O WILLIAMS & ASSOC.; WILLIAMS, RAY

County: UMATILLA

Watermaster: District 5

Priority Date: April 20, 1998

Source: TEN WELLS IN SWARTZ SPRING CANYON AND PINE CREEK BASINS

Use: IRRIGATION OF 240.0 ACRES AND SUPPLEMENTAL IRRIGATION OF 607.9
ACRES

Quantity: 5800.0 GALLONS PER MINUTE, BEING 450.0 GPM EACH FROM
MARCH WELLS 1, 2, & 3, 900.0 GPM EACH FROM WILLIAMS WELLS 1, 2, 3, &
4, 200.0 GPM EACH FROM KEY BROS. WELLS 1 & 2, AND 450.0 GPM FROM
WILLIAMS WELL 7

Basin Name & Number: Umatilla, #07

Stream Index Reference: Volume 2 SPRING BR

Point of Diversion Location: NENW, SECTION 23, T 6N, R34E, W.M.; 650 FEET
SOUTH & 90 FEET WEST FROM N1/4 CORNER, SECTION 23 SWNW, SECTION
23, T 6N, R34E, W.M.; 10 FEET NORTH & 350 FEET EAST FROM W1/4 CORNER,
SECTION 23 NENE, SECTION 22, T 6N, R34E, W.M.; 150 FEET SOUTH & 110
FEET WEST FROM NE CORNER, SECTION 22 SWSW, SECTION 23, T 6N, R34E,
W.M.; 260 FEET NORTH & 1230 FEET EAST FROM SW CORNER, SECTION 23

SESW, SECTION 23, T 6N, R34E, W.M.; 30 FEET NORTH & 1620 FEET EAST FROM SW CORNER, SECTION 23 NWNW, SECTION 35, T 6N, R34E, W.M.; 760 FEET SOUTH & 40 FEET EAST FROM NW CORNER, SECTION 35 SESW, SECTION 26, T 6N, R34E, W.M.; 240 FEET NORTH & 2530 FEET EAST FROM SW CORNER, SECTION 26 SESE, SECTION 27, T 6N, R34E, W.M.; 400 FEET NORTH & 100 FEET WEST FROM SE CORNER, SECTION 27 NENW, SECTION 35, T 6N, R34E, W.M.; 1353 FEET SOUTH & 1650 FEET EAST FROM NW CORNER, SECTION 35 SWSW, SECTION 23, T 6N, R34E, W.M.; 1000 FEET NORTH & 100 FEET EAST FROM SW CORNER, SECTION 23

Place of Use: NENE 24.9 ACRES NWNE 15.0 ACRES NWNE 23.0 ACRES SWNE 10.0 ACRES SWNE 15.9 ACRES SENE 16.8 ACRES NESE 20.7 ACRES NWSE 9.1 ACRES, SECTION 22 NENW 13.4 ACRES NWNW 17.1 ACRES SWNW 36.7 ACRES NWSW 5.6 ACRES SWSW 37.3 ACRES SESW 38.4 ACRES, SECTION 23 NENW 39.6 ACRES NENW 1.6 ACRES NWNW 39.6 ACRES SWNW 4.8 ACRES SWNW 29.2 ACRES SENW 2.2 ACRES SENW 32.9 ACRES NESW 7.4 ACRES NESW 18.7 ACRES NWSW 4.5 ACRES NWSW 37.2 ACRES SWSW 37.1 ACRES SWSW 1.0 ACRES SESW 11.8 ACRES SESW 25.2 ACRES SWSE 27.5 ACRES SWSE 12.5 ACRES, SECTION 26 NENE 38.0 ACRES SENE 38.8 ACRES NESE 36.7 ACRES SESE 16.6 ACRES, SECTION 27 NWNE 3.5 ACRES NWNE 37.1 ACRES NENW 40.6 ACRES NWNW 0.5 ACRES NWNW 19.4 ACRES, SECTION 35, TOWNSHIP 6 NORTH, RANGE 34 EAST, W.M.

14 DAY STOP PROCESSING DEADLINE DATE: Friday, August 7, 1998

PUBLIC NOTICE DATE: Tuesday, August 11, 1998

30 DAY COMMENT DEADLINE DATE: Thursday, September 10, 1998

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APR 20 1998

Oregon Water Resources Department

3522.066

WATER RESOURCES DEPT.
SALEM, OREGON

Application for a Permit to Use Ground Water

Please type or print in dark ink. If your application is found to be incomplete or inaccurate, we will return it to you. If any requested information does not apply to your application, insert "n/a." Please read and refer to the instruction booklet when completing your application. Thank you.

1. Applicant Information

A. Individuals

(If more than one person is applying, please attach a sheet providing the information below for each person applying.)

Name: _____
Last First MI

Mailing address: _____

_____ City State Zip

Phone: _____
Home Work Other

*Fax: _____ * E-Mail address: _____

B. Organizations

(Corporations, associations, firms, partnerships, joint stock companies, cooperatives, public and municipal corporations)

Name of organization: T. O. Williams & Associates

Name and title of person applying: Ray Williams

Mailing address of organization: 49654 Umapipe Road

_____ Milton-Freewater OR 97862 _____
City State Zip

Phone: 541/558-3918 541/938-9016
Day Evening

*Fax: 541/558-3806 * E-Mail address: _____

*Optional information

For Department Use		
App. No. <u>G-14728</u>	Permit No. _____	Date <u>4-20-98</u>

2. Location and Source

The Department cannot process your application without accurate information showing the source of water and location of water use. You must attach a map to this application form that clearly indicates the township, range, section, and quarter/water section of the proposed well location and place of use. The map must provide tax lot numbers. See page 3 in the instruction booklet for detailed map specifications. In addition, please provide the following information:

A. County

In what county is the use proposed? Umatilla County

In what county is the appropriation point proposed? Umatilla County

B. River Basin

(See instruction booklet page 3 for list):

7

C. Property Ownership

Do you own all the land where you propose to divert, transport, and use water?

Yes (Skip to section 3 "Groundwater Development.")

No Please check the appropriate box below, and on a separate sheet of paper list the names and addresses of all affected landowners.**

N/A I have a recorded easement or written authorization permitting access.

N/A I do not currently have written authorization or easement permitting access.

**If more than 25 landowners are involved, a list is not required. See page 4 in the instruction booklet for more details.

3. Groundwater Development

A. Number of wells: 10 B. Name of nearest surface water body Pine & Swartz Creek

C. Distance from well(s) to nearest stream or lake: 1) See Attachment Item #3

2) _____ 3) _____ 4) _____

D. If distance from surface water is less than one mile, indicate elevation difference between nearest surface water and well head. 1) _____

2) _____ 3) _____ 4) _____

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APR 20 1998

WATER RESOURCES DEPT
DAVENPORT, OREGON

E. Well Characteristics

Wells must be constructed according to standards set by the Department for the construction and maintenance of water wells. If the well is already constructed, please enclose a copy of the well constructor's log and the well log number, if available, for each well with this application. Identify each well with a number corresponding to the wells designated on the map and proceed to questions F in this section of the form. If the well has not been constructed, or if you do not have a well log, please complete the following:

1. Wells will be constructed by: See Attachment Item 3E

Address: _____

Completion date: _____

2. Please provide a description of your well development. (Attach additional sheets if needed.)

Well No.	Diameter	Type and size of casing	No. of feet of casing	Intervals casing is perforated (in feet)	Seal depth	Estimated depth to water	Est. depth to water-bearing stratum	Type of access port or measuring device	Total well depth
See Attachment Item 3E									

F. Artesian Flows

If your water well is flowing artesian, describe your water control and conservation works:

Do not anticipate artesian wells.

4. Water Use

Please read the instruction booklet for more details on "type of use" definitions, how to express how much water you need and how to identify the water source you propose to use. You must fill out a supplemental form for some uses as they require specific information for that type of use.

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WATER RESOURCES DEPT.
SALEM, OREGON

A. Type(s) of Use(s)

(see list of beneficial uses in the instruction booklet):

Irrigation and supplemental irrigation

- If your proposed use is **domestic**, indicate the number of households to be supplied with water: _____
- If your proposed use is **irrigation**, please attach Form I
- If your proposed use is **mining**, attach Form R
- If your proposed use is **municipal**, attach Form M
- If your proposed use is **commercial/industrial** or **quasi-municipal**, attach Form Q

B. Amount of Water

Provide the production rate in gallons per minute (gpm) and the total annual amount of water you need from each well, from each source or aquifer, and for each use. You do not need to provide source information if you are submitting a well log with your application.

Well No.	Source or Aquifer	Type of Use	Total Annual Amount	Production Rate of the Well in gpm
March 1-3	Aluvial	Primary & Suppl.Irrig.	400 Ac-Ft	450 gpm per well
William 1-4	Basalt	Primary & Suppl.Irrig.	1,500 Ac-Ft	900 gpm per well
Key Bros. 1-2	Aluvial	Primary & Suppl.Irrig.	200 Ac-Ft	200 gpm per well
Williams 7	Aluvial	Primary & Suppl.Irrig.	137 Ac-Ft	450 gpm

C. Season of Use

Indicate the time of year you propose to use the water (for seasonal uses like irrigation give dates when water use would begin and end):

March 1st to October 31st

D. Acreage

If you will be applying water to land, please give the total number of acres where water will be applied or used:

847.9 acres

5. Water Management

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WATER RESOURCES DEPT.
SALEM, OREGON

A. Diversion

What equipment will you use to pump water from your well(s)?

 Pump (give horsepower and pump type) See Attachment Item 5A

 Other means (describe) _____

B. Transport

How will you transport water to your place of use?

 Ditch, canal (give average width and depth):
Width _____ Depth _____
Is the ditch or canal to be lined? Yes No

X Pipe (give diameter and total length)
Diameter(s) 10", 8", 5" Length 5,000', 12,900', 4,100'

 Other (describe) Most already installed

C. Application/Distribution Method

What equipment will you use to apply water to your place of use?

Irrigation or land application method (check all that apply):

- | | | |
|------------------------------------------------------|-------------------------------------|------------------------------------|
| <u> </u> Flood | <u> </u> High-pressure sprinkler | <u> </u> Low-pressure sprinkler |
| <u> </u> Drip | <u> </u> Water cannons | <u>X</u> Center pivot system |
| <u>X</u> Hand lines | <u>X</u> Wheel lines | |
| <u> </u> Siphon tubes or grated pipe with furrows | | |
| <u> </u> Other, describe _____ | | |

Distribution method

- In-line storage (tank or pond) X Direct pipe from source Open Canal

D. Conservation

What methods will you use to conserve water? Why did you choose this distribution or application method? For example, if you are using sprinkler irrigation rather than drip irrigation, explain. If you need additional space, attach a separate sheet.

Irrigate as the crop requires. Will use the system most suitable for each location

based on field configuration, steepness of the ground and soils.

6. Project Schedule

Proposed date construction will begin October 1, 1998

Proposed date construction will be completed October 1, 2000

Proposed date beneficial water use will begin October 1, 2001

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WATER RESOURCES DEPT.
SALEM, OREGON

7. Remarks

If you would like to clarify any information you have provided in the application, please do so here and reference the specific application question you are addressing.

See Attachment 7

Signature

By my signature below I confirm that I understand:

- I am asking to use water specifically as described in this application.
- Evaluation of this application will be based on information provided in the application packet.
- I cannot legally use water until the Water Resources Department issues a permit to me.
- If I get a permit, I must not waste water.
- If development of the water use is not according to the terms of the permit, the permit can be canceled.
- The water use is compatible with local comprehensive land use plans.
- Even if the Department issues a permit to me, I may have to stop using water to allow senior water right holders to get water they are entitled to, and

I swear that all statements made and information provided in this application are true and correct to the best of my knowledge:

T.O. William + Assoc Inc by Ray Kullin (Print) 4/10/98

Signature of Applicant

Date

Signature of Co-applicant

Date

Before submitting this application, have you:

- Answered every question?
- Included a Land Use Information Form or receipt stub signed by a local official?
- Attached a legible map that meets all the necessary criteria?
- Included a check made out to WRD for at least the amount of the application fee?

ATTACHMENT

RECEIVED

APR 20 1998

WATER RESOURCES DEPT.
SALEM, OREGON

Item 3 - Groundwater Development

C.		Distance From		
		<u>Swartz Creek</u>	<u>Pine Creek</u>	
	March Well No. 1	Big Well	1,300 feet	Over 1 Mile
	March Well No. 2	Well on the Hill	1,100 feet	3/4
	March Well No. 3		800 feet	1 Mile
	Williams Well No. 1		Over 1 Mile	200 feet
	Williams Well No. 2		Over 1 Mile	1,200 feet
	Williams Well No. 3		Over 1 Mile	1,300 feet
	Williams Well No. 4		Over 1 Mile	900 feet
	Williams Well No. 7		1,806 feet	850 feet
	Key Bros. Well No. 1		1/2 Mile	1,300 feet
	Key Bros. Well No. 2		1/2 Mile	1,600 feet

D.		Elevation Difference	
		<u>Swartz Creek</u>	<u>Pine Creek</u>
	March Well No. 1	25 feet	N/A
	March Well No. 2	60 feet	N/A
	March Well No. 3	20 feet	N/A
	Williams Well No. 1	N/A	10 feet
	Williams Well No. 2	N/A	20 feet
	Williams Well No. 3	N/A	20 feet
	Williams Well No. 4	N/A	60 feet
	Williams Well No. 7	25 feet	25 feet
	Key Bros. Well No. 1	N/A	25 feet
	Key Bros. Well No. 2	N/A	25 feet

E. Well Characteristics

1. and 2.

March Well No. 1	See Attached Well Log
March Well No. 2	See Attached Well Log
March Well No. 3	See Attached Well Log
Williams Well No. 1	See Attached Well Log
Williams Well No. 2	Yet to be Drilled*
Williams Well No. 3	Estimated 400 feet deep will deepen. No Well Log.*
Williams Well No. 4	Yet to be Drilled*
Williams Well No. 7	Yet to be Drilled*
Key Bros. Well No. 1	See Attached Well Log
Key Bros. Well No. 2	See Attached Well Log

Well No. C-14728
Permit No.

*Well driller and characteristics of well will be determined at time of drilling.

ATTACHMENT (Cont'd)

5. Water Management

- A. Williams Well No. 1 100 hp Electrical Turbine
- Williams Well No. 2 Yet to be Determined
- Williams Well No. 3 Yet to be Determined
- Williams Well No. 4 Yet to be Determined
- Williams Well No. 7 Yet to be Determined
- March Well No. 1 75 hp Electrical Turbine
- March Well No. 2 30 hp Submersible & 10 hp Booster
- March Well No. 3 40 hp Submersible
- Key Bros. Well No. 1 20 hp Submersible
- Key Bros. Well No. 2 30 hp Submersible

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WATER RESOURCES DEPT.
SALEM, OREGON

RECEIVED

APR 20 1998

WATER RESOURCES DEPT.
SALEM, OREGON

ATTACHMENT (Cont'd)

Item 7

Remarks:

The following acres will receive primary and supplemental irrigation water mainly from March Wells 1, 2, and 3; any quantity they are unable to supply will be made up from Key Brothers Wells 1 and 2 and Williams Wells 1, 2, 3, 4, and 7. Each March Well is estimated to produce 450 gpm.

	<u>Primary</u>	<u>Supplemental</u>
NE1/4 NE1/4	24.9 Acres	
NW1/4 NE1/4	15.0 Acres	23.0 Acres
SW1/4 NE1/4	15.9 Acres	10.0 Acres
SE1/4 NE1/4	16.8 Acres	
NE1/4 SE1/4	20.7 Acres	
NW1/4 SE1/4	9.1 Acres	
Section 22		
NE1/4 NW1/4	13.4 Acres	
NW1/4 NW1/4	17.1 Acres	
SW1/4 NW1/4	36.7 Acres	
NW1/4 SW1/4	5.6 Acres	
SW1/4 SW1/4		37.3 Acres
SE1/4 SW1/4		38.4 Acres
Section 23		
NE1/4 NW1/4	1.6 Acres	6.4 Acres
Section 26		
Total	176.8 Acres	115.1 Acres

The following acres will receive primary and supplemental irrigation water mainly from Williams Well 1 and Key Brothers Wells 1 and 2; any quantity they are unable to supply will be made up from March Wells 1, 2, and 3 and Williams Wells 1, 2, 3, and 4. Each Key Brothers Well is estimated to produce 200 gpm and Williams Well 400 gpm.

	<u>Primary</u>	<u>Supplemental</u>
NE1/4 NW1/4		33.2 Acres
NW1/4 NW1/4		39.6 Acres
SW1/4 NW1/4	4.8 Acres	29.2 Acres
SE1/4 NW1/4	2.2 Acres	32.9 Acres
Section 26		
NE1/4 NE1/4		38.0 Acres
SE1/4 NE1/4		38.8 Acres
Section 27		
Total	7.0 Acres	211.7 Acres

RECEIVED

APR 20 1998

ATTACHMENT (Remarks) (Cont'd)

The following acres will receive primary and supplemental irrigation water mainly from Williams Wells 1, 2, 3, and 4; any quantity they are unable to supply will be made up from March Wells 1, 2, and 3 and Key Wells 1 and 2, and Williams Well 7. Each Williams Well is estimated to product 900 gpm.

	<u>Primary</u>	<u>Supplemental</u>
NE1/4 SW1/4	7.4 Acres	18.7 Acres
NW1/4 SW1/4	4.5 Acres	37.2 Acres
SW1/4 SW1/4	1.0 Acres	37.1 Acres
SE1/4 SW1/4	11.8 Acres	25.2 Acres
SW1/4 SE1/4	27.5 Acres	12.5 Acres
Section 26		
NE1/4 SE1/4		36.7 Acres
SE1/4 SE1/4		16.6 Acres
Section 27		
NW1/4 NE1/4	3.5 Acres	37.1 Acres
NE1/4 NW1/4		40.6 Acres
NW1/4 NW1/4	0.5 Acres	19.4 Acres
Section 35		
All in Township 6 North, Range 34 East, W.M.		
Total	56.2 Acres	281.1 Acres

Oregon Water Resources Department

RECEIVED

Application No. G14728 FORM I
Permit No.

APR 20 1998

WATER RESOURCES DEPT.
SALEM, OREGON

FOR IRRIGATION WATER USE

1. Please indicate whether you are requesting a primary or supplemental irrigation water right.

Primary

Supplemental

If supplemental, please indicate the number of acres that will be irrigated for each type of use.

Primary: 240 Acres

Secondary: 607.9 Acres

List the permit or certificate number of the primary water right: No. SEE ATTACHMENT

2. Please list the anticipated crops you will grow and whether you will be irrigating them for a full or partial season:

- 1. Alfalfa Full Season Partial season (from: _____ to _____)
- 2. Pea Full Season Partial season (from: _____ to _____)
- 3. Wheat Full Season Partial season (from: _____ to _____)
- 4. Pasture Full Season Partial season (from: _____ to _____)

3. Indicate the maximum total number of acre-feet you expect to use in an irrigation season:

2,237.75 acre-feet
(1 acre-foot equals 12 inches of water spread over 1 acre, or 43,560 cubic feet, or 325,851 gallons.)

4. How will you schedule your applications of water? Will you be applying water in the evenings, twice a week, daily?

- Daily during daytime hours Daily during nighttime hours
- Two or three times weekly during day time Two or three times weekly during night time
- Weekly, during daytime hours Weekly, during night time hours

Other, explain: as crop requires

Description of Water Use

Note to Applicant: This sheet will provide local planning staff with a basic description of your proposed water use. Please fill out this sheet before bringing the attached land use form to your local planning office. It will help local planning offices complete your land use information form quickly.

Note to Local Planning Officials: Please initial this sheet. Do not separate it from the land use information form. If needed, please make a separate copy for your records.

Applicant Name: T. O. William & Associates, C/O Ray Williams
 Address: 49654 Umapine Road
Milton-Freewater, OR 97862
 Phone: 541/558-3918

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 APR 20 1998
 WATER RESOURCES DEPT.
 SALEM, OREGON

Please indicate what you will use the water for. Check all boxes that apply and fill in the blanks with key characteristics of the project.

- Irrigation (crop type, golf course, nursery or greenhouse): Hay, Alfalfa, Wheat, Pasture
- Livestock (type of livestock, feedlot, slaughterhouse): _____
- Residential (# units, single or multi-family, # lots if partition or subdivision): _____
- Commercial (i.e., retail, office, restaurant, gas station, hotel, service, etc.): _____
- Industrial (i.e., factory, pulp mill, research and development, processing, etc.): _____
- Institutional (i.e., school library, etc.): _____
- Mining (aggregate, metal, open pit, placer, etc.): _____
- Recreation (park, campsite, pond, etc.): _____
- Fish and wildlife (pond, hatchery, etc.): _____
- Hydropower (dam, reservoir, power generating or transmitting facilities): _____
- Other (Name and list key characteristics): _____

Indicate sources for the proposed water use below:	Indicate the estimated quantity of water the use will require.
<input type="checkbox"/> Surface Water Name Sources _____ _____	<input checked="" type="checkbox"/> 1051 Cubic feet per second. <input type="checkbox"/> Gallons per minute. <input type="checkbox"/> Acre-Feet
<input checked="" type="checkbox"/> Reservoir or pond	Application No. <u>G-14728</u>
<input checked="" type="checkbox"/> Ground Water	Permit No. _____

ATTACHMENT

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APR 20 1998

WATER RESOURCES DEPT.
SALEM, OREGON

Permit Decree

Certificate

5383
G-2583
G-2777
G-12728 - 13125
U-269
8252
45339
G-464
G-12940 - 13124

5516
6323
5532
36131
30639
7967
66888
30638

Application No. G14728
Permit No.

APR 20 1998

WATER RESOURCES DEPT.
EM, OREGON

6N34
2502 JV92827
2600 JV92028
13-1 47440

THE DEAN-McLEAN
ABSTRACT CO.
Established 1899

THIS IS A STATUTORY FORM FOR USE IN STATE OF WASHINGTON ONLY

BARGAIN AND SALE

~~DEED~~ DEED

(AFTER ACQUIRED TITLE)

27-57-
276-35- 363599

R 44 PAGE 1044

The Grantors THOMAS O. WILLIAMS and CATHERINE BETTS WILLIAMS, husband and wife

of County of Walla Walla State of Washington

for and in consideration of Paid in surplus grant, bargain, sell and convey to:

in hand paid, ~~XXXXXXXXXXXXXXXXXXXX~~ THOMAS O. WILLIAMS & ASSOCIATES, INC., an Oregon corporation

all interest now owned or hereafter acquired in the following described real estate, situated in the County of ~~Walla Walla~~, State of ~~Washington~~ Oregon:

BOOK 341 PAGE 250

Rem 1: The Southeast Quarter of the Southwest Quarter and the Southwest Quarter of the Southeast Quarter of Section 26; The Northwest Quarter of the Northeast Quarter and the Northeast Quarter of the Northwest Quarter of Section 35; All in Township 6 North, Range 34, East of the Willamette Meridian, in the County of Umatilla and State of Oregon.

Rem 2: Township 6 North, Range 34, E.W.M.

Section 35: East half of Northeast Quarter, Northeast Quarter of Southeast Quarter, all being East of the Willamette Meridian, in the County of Umatilla and State of Oregon.

Excepting therefrom any and all water rights of way and roads.

The true consideration for this conveyance stated in terms of money is None, by virtue of the fact that this conveyance is made as a part of the paid-in surplus of Thomas O. Williams & Associates, Inc., the Grantee.

Dated this 7 day of October, 1974

Thomas Williams (Seal)
Catherine Betts Williams (Seal)

(Seal)

STATE OF WASHINGTON,
County of Walla Walla

I, the undersigned, a Notary Public in and for the above named County and State, do hereby certify that on this 7 day of October, 1974, personally appeared before me

THOMAS O. WILLIAMS and CATHERINE BETTS WILLIAMS, husband and wife

to me known to be the individuals described in and who executed the within instrument, and acknowledged that they signed and sealed the same as their free and voluntary act and deed, for the uses and purposes therein mentioned. Witness my hand and official seal the day and year last above written.

R 444 10 444



Charles Snyder
Notary Public for State of Washington

Residing at Walla Walla

Filed for record OCT 22 1974 at 8:30 A. M.
JESSIE M. BELL County Clerk

1-10-79

Application No. G14728
Permit No.

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APR 20 1998

WATER RESOURCES DEPT.
SALEM, OREGON

LN 34
2702
2048763

REC 305-0165



1997-22776-1

227776

STATUTORY SPECIAL WARRANTY DEED

Wayne Scott Wallace and Wallace Ranch, a partnership consisting of Roy D. Wallace, Opal Marie Wallace, and Wayne Scott Wallace, Grantor, hereby conveys and specially warrants to Thomas O. Williams and Associates, Inc., an Oregon Corporation, Grantee, the real property described in the attached Exhibit A which by this reference is incorporated herein, free and clear of all encumbrances created or suffered by the grantor except as specifically set forth herein.

The true and actual consideration paid for this transfer, stated in terms of dollars, is \$140,000.00, which sum was paid pursuant to the land sale contract concerning the real property described in the real property description which is attached hereto as Exhibit A, between the parties, dated December 14, 1998, wherein Grantor was the vendor and Grantee was the vendee.

In construing this deed and where the context so requires, the singular includes the plural and all grammatical changes shall be implied to make the provisions hereof apply equally to corporations and to individuals.

In Witness Whereof, the grantor has executed this instrument this December 14, 1998.

THIS INSTRUMENT WILL NOT ALLOW USE OF THE PROPERTY DESCRIBED IN THIS INSTRUMENT IN VIOLATION OF APPLICABLE LAND USE LAWS AND REGULATIONS. BEFORE SIGNING OR ACCEPTING THIS INSTRUMENT, THE PERSON ACQUIRING FEE TITLE TO THE PROPERTY SHOULD CHECK WITH THE APPROPRIATE CITY OR COUNTY PLANNING DEPARTMENT TO VERIFY APPROVED USES.

RECEIVED

UMATILLA COUNTY RECORDS

Roy D. Wallace
Roy D. Wallace, individually
and as partner of Wallace
Ranch partnership

Opal Marie Wallace
Opal Marie Wallace, individually
and as partner of Wallace
Ranch partnership

Wayne Scott Wallace
Wayne Scott Wallace, individually
and as partner of Wallace
Ranch partnership

Page 1 STATUTORY SPECIAL WARRANTY DEED

REC 305-0166



1997-22776-2

STATE OF OREGON)
County of Umatilla) ss.

BE IT REMEMBERED, that on this December 20, 1998, before me, the undersigned, a notary public in and for said county and state, personally appeared the within named Roy D. Wallace and Opal Marie Wallace, known to me to be the identical individuals described herein and who executed the within instrument and acknowledged to me that they executed the same freely and voluntarily.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed my official seal the day and year last above written.

Janie S. Marshall
Notary Public for Oregon
My Commission Expires: 5-31-93



STATE OF OREGON)
County of Umatilla) ss.

BE IT REMEMBERED, that on December 14, 1998, before me, the undersigned, a notary public in and for said county and state, personally appeared the within named Wayne Scott Wallace, known to me to be the identical individual described herein and who executed the within instrument and acknowledged to me that he executed the same freely and voluntarily.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed my official seal the day and year last above written.

Janie S. Marshall
Notary Public for Oregon
My Commission Expires: 5-31-93



Page 2 STATUTORY SPECIAL WARRANTY DEED

2-5-97

2-5-97 - 165
POWER OF ATTORNEY
FILED IN CLERK'S OFFICE
P.O. BOX 952
SALEM, OREGON

2-5-97

(7)

RECEIVED

APR 20 1998

WATER RESOURCES DEPT.
SALEM, OREGON

REC-305-0167

EXHIBIT "A"

Page 1.



TRACT II:

TOWNSHIP 6 NORTH, RANGE 14, E. W. M.

Section 26: South Half of Northwest Quarter,
North Half of Southwest Quarter, lying and being
Westerly of County Road;
Southwest Quarter of Southwest Quarter.

Section 27: Southeast Quarter of Northeast Quarter.

Section 35: That portion of Northwest Quarter of Northwest Quarter
lying and being Northerly of County Road.

SUBJECT to any and all water rights of way and roads;

All being East of the Willamette Meridian, Umatilla County, Oregon.

State of Oregon)
)
County of Umatilla)
This instrument was received and recorded on
02-05-97 at 11:05
in the record of document code type 11-01

Location 0305-0165
Document number 1997-227776
Fee 65.00

Office of County Records

Received by [Signature]
Records Office

2-5-97

RECEIVED

APR 20 1998

WATER RESOURCES DEPT.
SALEM OREGON

R 200 PAGE 1699

MEMORANDUM OF REAL ESTATE CONTRACT 159654

KNOW ALL MEN BY THESE PRESENTS, that on December 14, 1990, Roy D. Wallace and Opal Marie Wallace, husband and wife, and Wallace Ranch, a partnership consisting of Roy D. Wallace and Opal Marie Wallace, and Wayne Scott Wallace, as vendor and Thomas O. Williams and Associates, Inc., an Oregon Corporation, as vendee, made and entered into a certain contract wherein said vendor agreed to sell to said vendee and the latter agreed to purchase from said vendor the fee-simple title in and to the real property described in Exhibit A attached hereto and by this reference incorporated herein, all being in Umatilla County, State of Oregon.

The true and actual consideration for the transfer, set forth in said contract, is \$105,000.00, payable \$13,220.00 on December 15, 1990, \$13,220.00 on December 15, 1991, \$13,220.00 on December 15, 1992, \$12,240.00 on December 15, 1993, \$12,240.00 on December 15, 1994, and the entire remaining balance including principal and interest, on August 15, 1995. The interest on the outstanding balance is payable at the rate of 10.75% per annum from August 16, 1990, until paid.

THIS INSTRUMENT WILL NOT ALLOW USE OF THE PROPERTY DESCRIBED IN THIS INSTRUMENT IN VIOLATION OF APPLICABLE LAND USE LAWS AND REGULATIONS. BEFORE SIGNING OR ACCEPTING THIS INSTRUMENT, THE PERSON ACQUIRING FEE TITLE TO THE PROPERTY SHOULD CHECK WITH THE APPROPRIATE CITY OR COUNTY PLANNING DEPARTMENT TO VERIFY APPROVED USES.

IN WITNESS WHEREOF, the said vendor has executed this memorandum on December 14, 1990.

Roy D. Wallace
Roy D. Wallace, individually
and as partner of Wallace
Ranch partnership

Opal Marie Wallace
Opal Marie Wallace, individually
and as partner of Wallace
Ranch partnership

Wayne Scott Wallace
Wayne Scott Wallace, individually
and as partner of Wallace
Ranch partnership

R 200 PAGE 1700

STATE OF OREGON)
County of Umatilla) ss.

BE IT REMEMBERED, that on this December 20, 1990, before me, the undersigned, a notary public in and for said county and state, personally appeared the within named Roy D. Wallace and Opal Marie Wallace known to me to be the identical individuals described herein and who executed the within instrument and acknowledged to me that they executed the same freely and voluntarily.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed my official seal the day and year last above written.

Janis J. Marshall
Notary Public for Oregon
My Commission Expires 5/31/93

STATE OF OREGON)
County of Umatilla)

BE IT REMEMBERED, that on this December 14, 1990, before me, the undersigned, a notary public in and for said county and state, personally appeared the within named Wayne Scott Wallace known to me to be the identical individual described in and who executed the within instrument and acknowledged to me that he executed the same freely and voluntarily.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed my official seal the day and year last above written.

Janis J. Marshall
Notary Public for Oregon
My Commission Expires 5-31-93

Until a change is requested all tax statements shall be sent to the following address:

Thomas O. Williams and Associates, Inc.
1217 Country Club Road
Walla Walla, Washington 99362

TRACT I: R 200 PAGE 1701

EXHIBIT "A"

TOWNSHIP 6 NORTH, RANGE 34, E. W. M.

Page 1

Section 23: South Half of Southwest Quarter.

Section 26: North Half of Northwest Quarter.

Section 27: Northeast Quarter of Northeast Quarter.

SUBJECT to any and all water rights of way and roads;

All being East of the Willamette Meridian, Umatilla County, Oregon.

TRACT III:

PARCEL "A"

Beginning at Northwest corner of Northwest Quarter of Northeast Quarter of Section 36, Township 6 North, Range 34; thence South along West line of said Northwest Quarter of Northeast Quarter a distance of 840 feet; thence East along a line parallel with South line of said Northwest Quarter of Northeast Quarter a distance of 650 feet to the true point of beginning of this description; thence continue East along said line a distance of 400 feet; thence South along a line parallel to West line of said Northwest Quarter of Northeast Quarter a distance of 330 feet; thence West 400 feet along a line parallel with North line of said Northwest Quarter of Northeast Quarter; thence North 330 feet along a line parallel to West line of said Northwest Quarter of Northeast Quarter, 330 feet to the true point of beginning of this description;

PARCEL "B"

A non-exclusive easement for roadway purposes being 20 feet in width over and across Northeast Quarter of said Section 36, said easement to provide ingress and egress from County Road No. 534 at or near Northwest corner of Northeast Quarter of said Section 36 to Northwest corner of lands of grantee herein, described as beginning at Northwest corner of Northwest Quarter of Northeast Quarter of said Section 36; thence South along West line of said Northwest Quarter of Northeast Quarter a distance of 840 feet; thence East along a line parallel with South line of said Northwest Quarter of Northeast Quarter a distance of 650 feet to the true point of beginning of this description; thence continue East along said line a distance of 400 feet; thence South along a line parallel to West line of said Northwest Quarter of Northeast Quarter a distance of 330 feet; thence West 400 feet along a line parallel with North line of said Northwest Quarter of Northeast Quarter; thence North 330 feet along a line parallel to West line of said Northwest Quarter of Northeast Quarter 330 feet to the true point of beginning of this description;

SUBJECT to any and all water rights of way;

All being East of the Willamette Meridian, Umatilla County, Oregon.

RECEIVED

APR 20 1998

WATER RESOURCES DEPT.
SALEM, OREGON

UMATILLA COUNTY CLERK

V S R J

1990 DEC 26 P 2 35

R 200 PAGE 1702

STATE OF OREGON,
COUNTY OF UMATILLA, ss
I, Joyce Gardner, County Clerk, certify that this
instrument was received and recorded

ON DEC 26 1990

at 2:35 o'clock P.M. in the record
office of said County in
of UMATILLA

R 200 Page 1699

UMATILLA COUNTY CLERK

Joyce Gardner

By *Barbara J. B...*
Notary Public for Oregon
No. 159651

10

UN-34
1700

317 0179 WARRANTY DEED—STATUTORY FORM
INDIVIDUAL GRANTEE
1997-3170179 1 of 4
COUSE CREEK RANCHES, INC., AN OREGON CORPORATION
Grantee,
conveys and warrants to CATHERINE B. WILLIAMS and RAYMOND L. WILLIAMS
Grantor, the following described real property free of encumbrances
except as specifically set forth herein situated in UMATILLA County, Oregon, to-wit:

SEE ATTACHED EXHIBIT "A" BY THIS REFERENCE MADE A PART HEREOF.

RECEIVED

SEP 3 0 1997

UMATILLA COUNTY
RECORDS

IF SPACE INSUFFICIENT, CONTINUE DESCRIPTION ON REVERSE SIDE

The property is free from encumbrances except: See attached Exhibit "B" by this reference made a part hereof.

The true consideration for this conveyance is \$650,000.00** (Here comply with the requirements of ORS 93.030)
* Paid to an accommodator pursuant to an IRC 1031 Exchange.
** Paid by an accommodator pursuant to an IRC 1031 Exchange.

Dated this 29th day of September, 1997.

THIS INSTRUMENT WILL NOT ALLOW USE OF THE PROPERTY DESCRIBED IN THIS INSTRUMENT IN VIOLATION OF APPLICABLE LAND USE LAWS AND REGULATIONS BEFORE SIGNING OR ACCEPTING THIS INSTRUMENT THE PERSON ACQUIRING TITLE TO THE PROPERTY SHOULD CHECK WITH THE APPROPRIATE CITY OR COUNTY PLANNING DEPARTMENT TO VERIFY APPROVED USES AND TO DETERMINE ANY LIMITS ON LAWSUITS AGAINST FARMING OR FOREST PRACTICES AS DEFINED IN ORS 30.330

COUSE CREEK RANCHES, INC.
By: *Herbert L. March*
HERBERT L. MARCH, PRESIDENT

STATE OF OREGON, County of UMATILLA
This instrument was acknowledged before me on _____, 19____
by _____

Notary Public for Oregon
My commission expires _____

WARRANTY DEED	
Course Creek Ranches, Inc.	GRANTOR
	GRANTEE
PARCEL ADDRESS (if)	
After recording return to:	
Pioneer Energy Company	
122 SE Court	
Pendleton, OR 97801	
NAME ADDRESS (if)	
Until a change is requested, all tax statements shall be sent to the following address:	
Raymond L. Williams & Catherine B. Williams	
Rt. 2, Box 118-A	
Milton-Freewater, OR 97862	
NAME ADDRESS (if)	

State of Oregon)
County of Umatilla)
This instrument was received and recorded on
09-30-97 at 3:45
in the record of document code type DE-90

Office of County Records
Received *[Signature]*
Records Office

by _____ Deputy

RECEIVED
APR 20 1998
WATER RESOURCES DEPT.
SALEM, OREGON

STATE OF OREGON,

County of Umatilla)
is the President, *Herbert L. March*
before me appeared HERBERT L. MARCH
On this 29th day of September, 1997,
and
KRM to me personally known, who being

duly sworn, did say that he, the said Herbert L. March
is the President, *Herbert L. March*
of COUSE CREEK RANCHES, INC., an Oregon Corporation
the within named Corporation, and that the seal affixed to said instrument is the corporate seal of said Corporation,
and that the said instrument was signed and sealed in behalf of said Corporation by authority of its Board
of Directors, and Herbert L. March
acknowledge said instrument to be the free act and deed of said Corporation.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed
my official seal the day and year last above written



My Commission expires 4-11-01

1997-3170179 2 of 4

126 SE Court, Pend. OR 97801

32

1. 1997-98 Taxes, which are a lien not yet due and payable.
2. As disclosed by the tax rolls the premises herein described have been zoned or classified for special use. At any time that said land is disqualified for such use said property will be subject to additional taxes and interest.
3. The lands described herein are within the boundaries of the Hudson Bay Irrigation Improvement District and this property is subject to all assessments, levies and assessments thereon.
4. Easement, including the terms and provisions thereof, granted to Lower Hudson Bay Irrigation Company, recorded October 10, 1910, in Book 68, Page 527, Deed Records.
5. Agreement, including the terms and provisions thereof, between Gouse Creek Ranches, Inc., and William R. Wood, et ux, for placement and maintenance of a mobile home, recorded February 3, 1976, in Book 354, Page 476, Deed Records.
6. Water Contract Agreement, including the terms and provisions thereof, between Hudson Bay District Improvement Co. and Herb March and Gouse Creek Ranches, recorded August 5, 1980, in Microfilm R-70, Page 782, Deed Records.
7. Easement for diverting irrigation water and other matters related thereto, including the terms and provisions thereof, between Gouse Creek Ranches, Inc., and Calvin Neal Blawieinger and Margaret Min, recorded May 9, 1997 in Microfilm R-309, Page 1489, Deed Records.

RECEIVED

APR 20 1998

WATER RESOURCES DEPT.
SALEM, OREGON

- Section 22: All that portion of the Northeast Quarter and of the North Half of the Southeast Quarter lying North and East of County Road No. 536.
- Section 23: West Half of the Northwest Quarter.
Northwest Quarter of the Southwest Quarter.
Northeast Quarter of the Northwest Quarter.
North Half of the Northeast Quarter.
- All being East of the Willamette Meridian, Umatilla County, Oregon.
- Subject to any and all water rights of way and roads.

OREGON WATER RESOURCES DEPARTMENT
INTEROFFICE MEMO

Amended Dec. 1, 1998

To: Groundwater files,
Russ Klassen

Date: October 28, 1998

From: Michael J. Zwart

Subject: Application Re-Review: G-14728, T. O. Williams and Associates,
Ray Williams

Williams well number 1 has been questioned by ODFW regarding hydraulic connection with Pine Creek. This well was previously reviewed as part of Application G-13125 and was found to not have the potential to cause substantial interference with Pine Creek. The well is constructed to produce water from a confined aquifer in basalt rocks of the Columbia River Basalt Group. The well is 702 feet deep and is cased into the basalt at a depth of 60 feet. The Well Record is silent regarding the type and depth of well seal. The well is old and therefore may or may not be sealed to the casing depth. However, even if it is sealed to a shallow depth, the well construction is obviously targeting the deep basalt groundwater, rather than overlying alluvial deposits. **I continue to find that the well does not have the potential to cause substantial interference with Pine Creek.**

*ALL WELLS
G-14728*

- 3*
- 1*
- 1*
- 2*
- 1*
- 2*

- Williams wells 1, 2, and 3 were previously reviewed as part of Application G-13125. *Basalt aquifer*
- Williams well 4 is proposed. *Basalt*
- Williams well 7 was previously reviewed as part of Application G-13124. *Alluvial*
- March wells 2 and 3 were previously reviewed as part of Application G-14557. *- Alluvial*
- March well 1 was not part of Application G-14557 at the time of my review of it. *Alluvial*
- The Key Brothers wells 1 and 2 have not been previously reviewed by me. Review of *Alluvial* WRIS indicates that these wells are authorized under certs. 36131 & 36132 (G-2290 & G-2983) as indicated on the map included.
- The well authorized under cert. 30638 (G-520) appears to be just south of proposed Williams well number 4. *TD 475 / Basalt*



*ALL WELLS
G-14728*

INTEROFFICE MEMORANDUM

Water Rights Section

Mike
TO: Fred Lissner

FROM: Dwight French, x268 *DWF*

10/21, 1998

RE: GW File number G- 14728

Please have someone on your staff review the INFO REQUEST attached.

Mike Z of your staff appears to be the most recent GW person to look at this file.

Please route to Russ when finished.

Thanks.

MIKE,
I FEAR THAT I WAS UNCLEAR WHEN I REQUESTED FURTHER REVIEW OF THIS APPLICATION. QUESTION 2 USED TERMS THAT WERE AMBIGUOUS IN THE 1ST SENTENCE & LEFT OFF A KEY PHRASE IN THE LAST SENTENCE. I HAVE CORRECTED THE QUESTION TO STATE THE REQUEST MORE CLEARLY. PLEASE TAKE ANOTHER LOOK AT QUESTION 2 AT YOUR CONVENIENCE.
THANK YOU
MY APOLOGIES

INFO REQUEST

- 1) ODFW HAS REQUESTED THAT POTENTIAL FOR SUB INT. FROM WILLIAMS WELL 1 BE REVISITED. SEE ATTACHED LETTER
- 2) IS THE DEPARTMENT'S PRACTICE TO NOT ALLOW IRRIGATION FROM THE SAME ^{AQUIFER} ~~SOURCE~~ FOR THE SAME LAND AS HAS BEEN PREVIOUSLY AUTHORIZED. (THE APPROPRIATE PROCESS TO ADD AN ADDITIONAL POINT OF DIVERSION IS THE TRANSFER PROCESS, NOT A NEW APP). HAVING SAID THAT, MY QUESTION IS WHICH OF THE WELLS AUTHORIZED UNDER EXISTING WR'S (SEE ATTACHED MAP) APPROPRIATE WATER FROM ^{THE SAME} AQUIFER A. WELLS REQUESTED UNDER THIS APP.

August 3, 1998

Water Right Information Group
Oregon Water Resources Department
Commerce Building
158 12th Street NE
Salem, OR 97310-0210



DEPARTMENT OF
FISH AND
WILDLIFE

Pendleton District Office

RE: File G-14728

Dear Water Right Information Group,

The Oregon Department of Fish and Wildlife (ODFW) has reviewed the Oregon Water Resources Department (OWRD) Initial Review of File G-14728. The file/application proposes to use water from "ten wells in Swartz Spring Canyon and Pine Creek basins for irrigation of 240.0 acres and supplemental irrigation of 607.9 acres" of land. The initial review determined that this use "is allowable under OAR 690-507-030(3)(a)(A), the Umatilla Basin Program." The determination also states "based upon OAR 609-09, that the proposed groundwater use will, if properly conditioned, adequately protect the surface water from interference." ODFW's comments will focus on only one of the ten wells identified in the application: Williams Well 1, located at 760 feet south & 40 feet east from NW corner, Section 35, T6N, R34E, W.M.

Pine Creek supports a population of inland redband trout, an Oregon State Sensitive Species. Walla Walla River adult summer steelhead, part of the mid-Columbia ESU and currently proposed as "threatened" under the federal Endangered Species Act, are known to utilize the lower reaches of Pine Creek as rearing habitat during their spawning migration upstream to the headwaters of Mill Creek and the upper Walla Walla River.

The Summary of Initial Determination states "The use of 10.51 cubic feet per second, being...no more than 900.0 gpm each from Williams Wells 1, 2, 3, & 4;...from ten wells in Swartz Spring Canyon and Pine Creek basins for irrigation of 240.0 acres and supplemental irrigation of 607.9 acres is allowable from March 1 through October 31 of each year." The map provided with the file/application shows that Williams Well 1 is located adjacent to Pine Creek. ODFW's discussions with Tom Johnson, OWRD Assistant Watermaster in Milton-Freewater, have indicated that Williams Well 1 is likely connected hydraulically to the surface water in Pine Creek.

The ODFW requests that the OWRD investigate the possible hydraulic connection between Williams Well 1 and the surface water in Pine Creek. Should a determination be made that



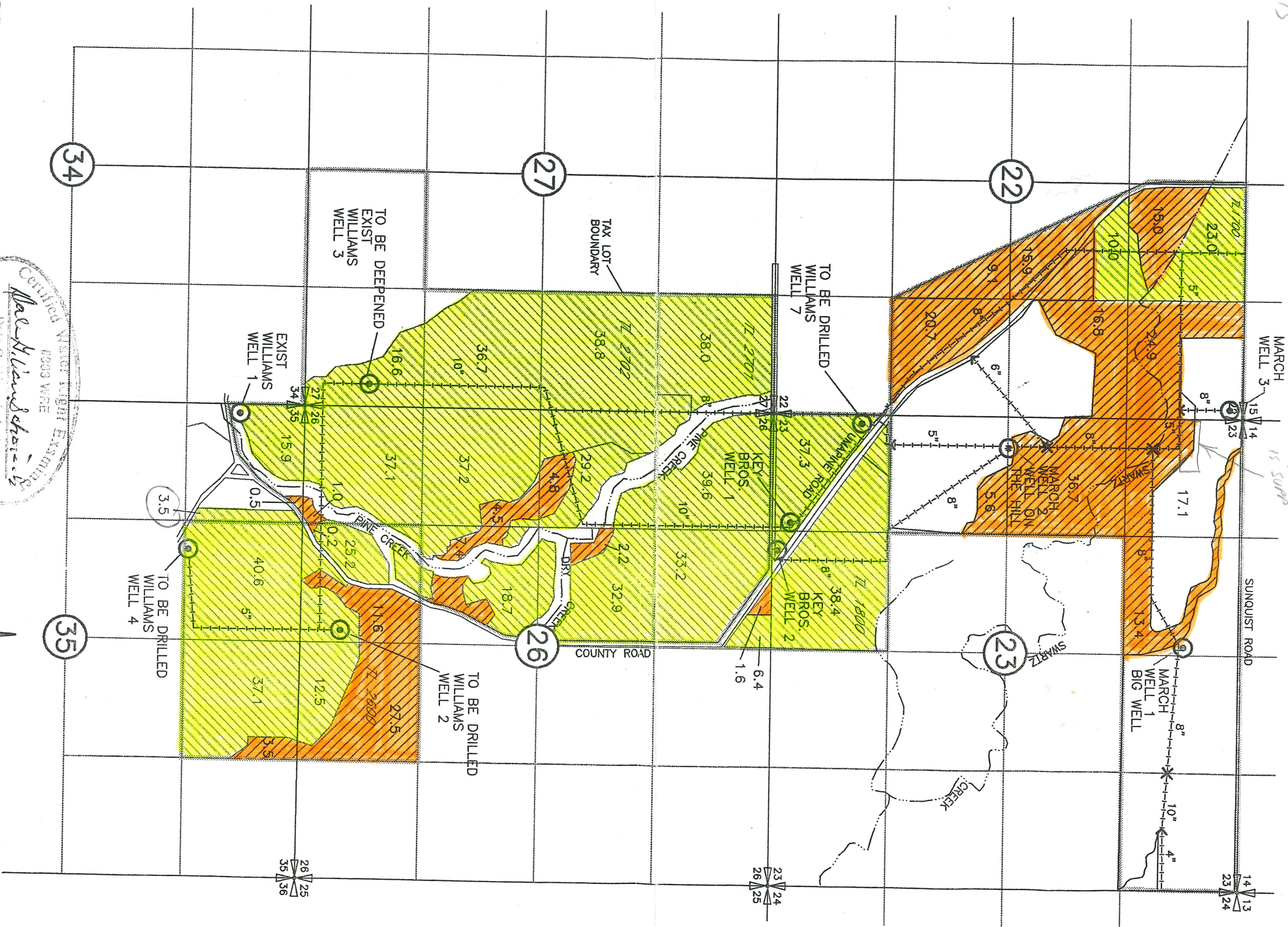
Route 1, Box 18
Mission Road
Pendleton, OR 97801
(503) 276-2344
FAX (503) 276-4414

RECEIVED
 APR 20 1998
 WATER RESOURCES DEPT.
 SALEM, OREGON

AS APPLIED
NO ANALYSIS

GROUNDWATER APPLICATION
 MAP FOR
 Ray Williams of T. O. Williams & Associates
 T 6N, R34E WM

Application No 6 14728
No G-13697

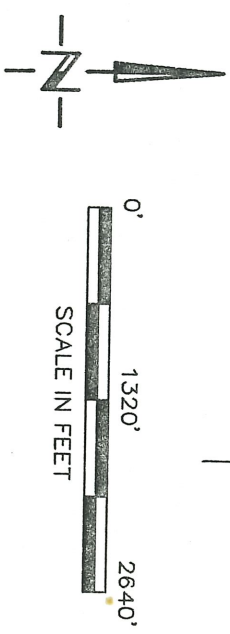


PRIMARY
 SUPPLEMENTAL

POINTS OF APPROPRIATION

MARCH WELL 1	LOCATED	650'	S AND	90'	W OF	N 1/4 CORNER	SEC 23
MARCH WELL 2	LOCATED	10'	N AND	350'	E OF	W 1/4 CORNER	SEC 23
MARCH WELL 3	LOCATED	150'	S AND	110'	V OF	NE CORNER	SEC 22
KEY BROS. WELL 1	LOCATED	260'	N AND	1230'	E OF	SW CORNER	SEC 23
KEY BROS. WELL 2	LOCATED	30'	N AND	1620'	E OF	SV CORNER	SEC 23
WILLIAMS WELL 1	LOCATED	30'	N AND	1620'	E OF	SV CORNER	SEC 23
WILLIAMS WELL 2	LOCATED	760'	S AND	40'	E OF	NW CORNER	SEC 35
WILLIAMS WELL 3	LOCATED	240'	N AND	2530'	E OF	SW CORNER	SEC 26
WILLIAMS WELL 4	LOCATED	400'	N AND	100'	W OF	SE CORNER	SEC 27
WILLIAMS WELL 7	LOCATED	1353'	S AND	1650'	E OF	NW CORNER	SEC 35
WILLIAMS WELL 7	LOCATED	1000'	N AND	100'	E OF	SW CORNER	SEC 23

Certified Metric Light Examining
Paul Williams
 State of Oregon
 No. 13697
 4/1/98



NOTE:
 THE PURPOSE OF THIS MAP IS TO IDENTIFY THE APPROXIMATE LOCATION OF THE WATER RIGHT. IT IS NOT INTENDED TO PROVIDE INFORMATION RELATIVE TO THE LOCATION OF PROPERTY OWNERSHIP BOUNDARY LINES.

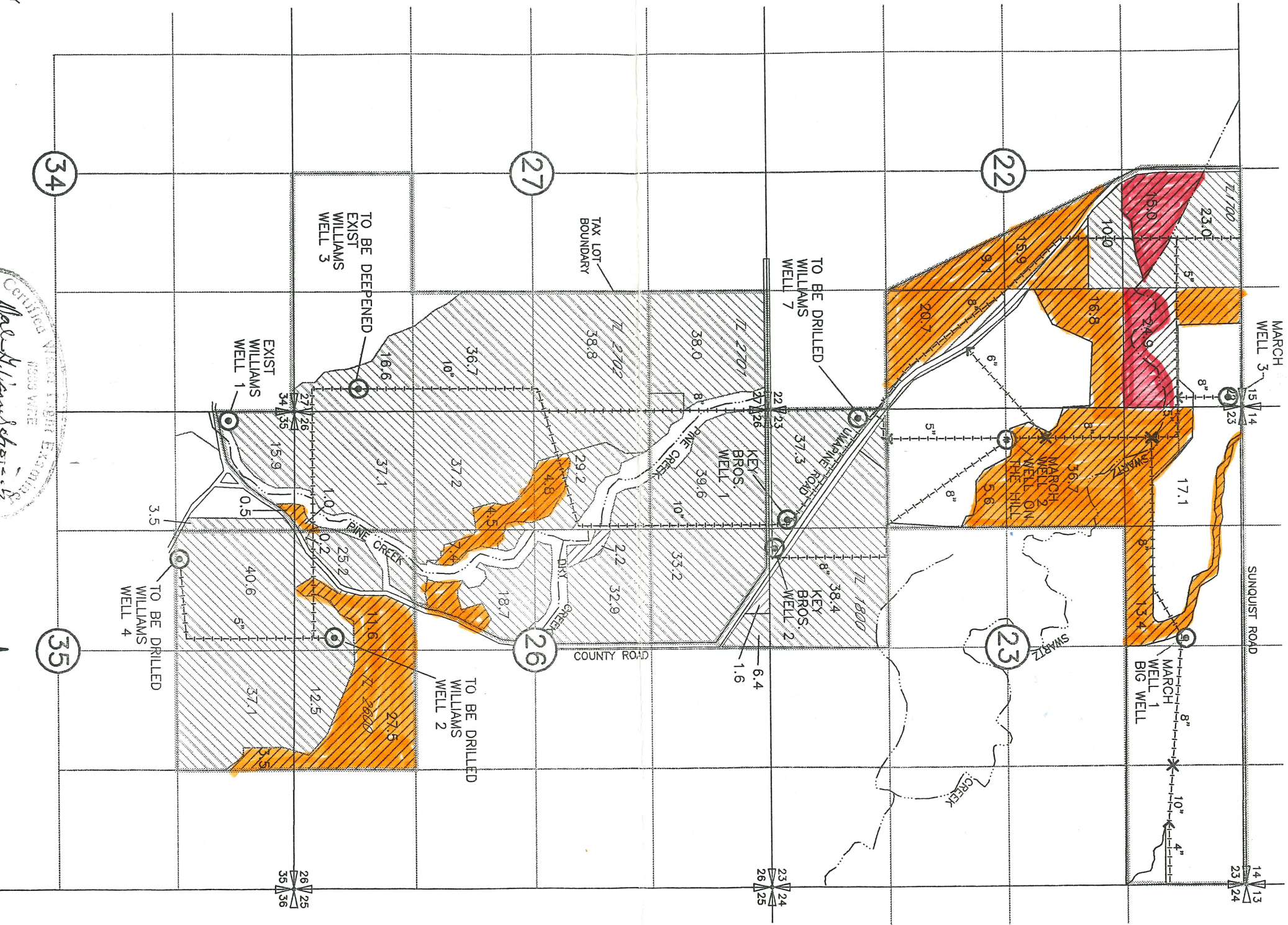
RECEIVED
 APR 20 1998
 WATER RESOURCES DEPT.
 SALEM, OREGON

Ray

R APPLICATION
FOR
Williams & Associates
R34E WM

No G 14728

Confidential

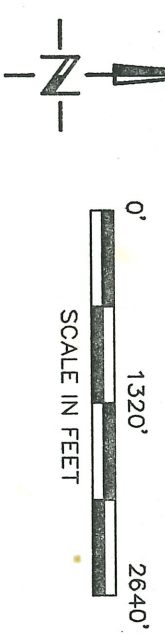


PRIMARY
 SUPPLEMENTAL

POINTS OF APPROPRIATION

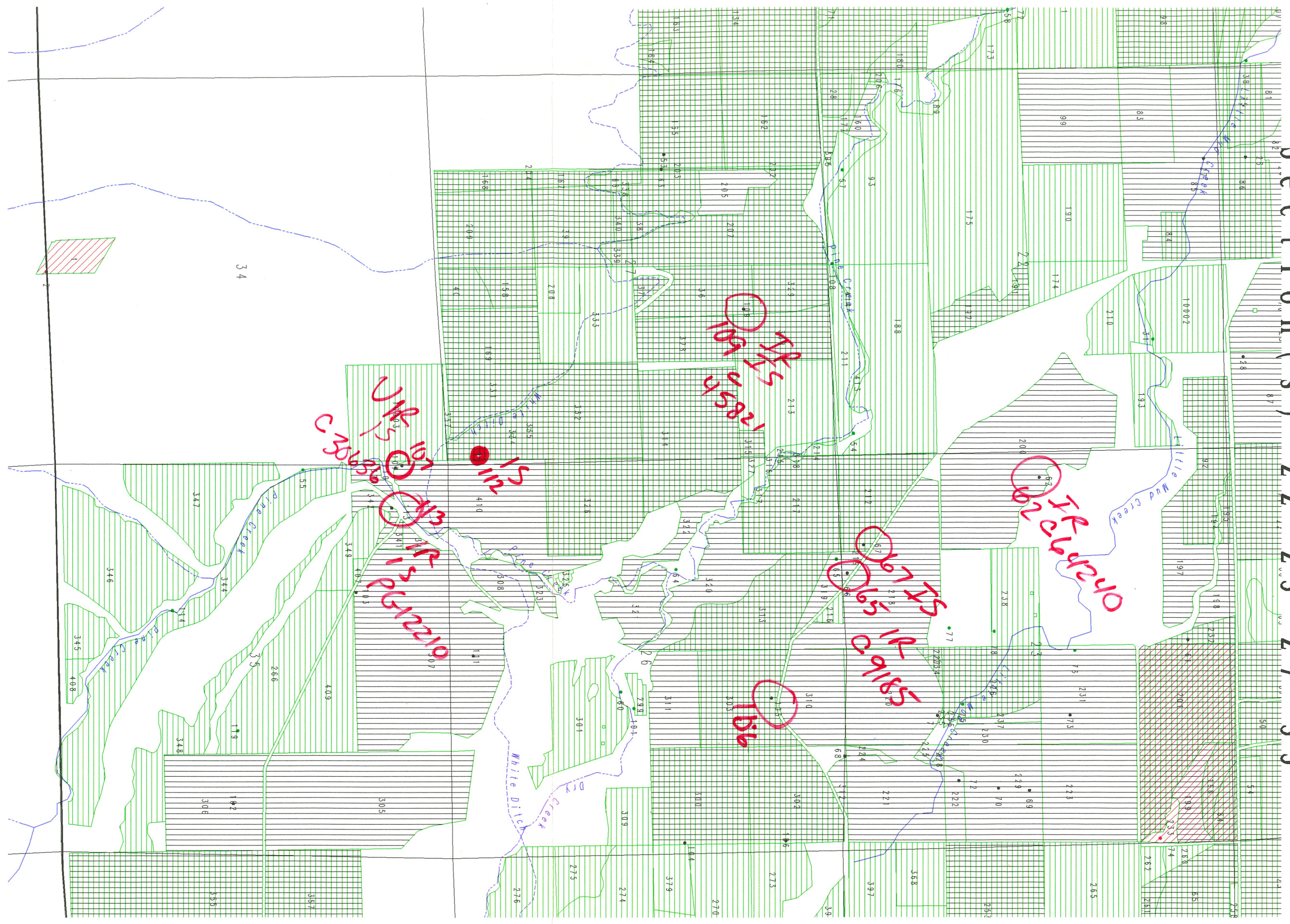
MARCH WELL 1	LOCATED	650'	S	AND	90'	E	DF	N	1/4	CORNER	SEC 23
MARCH WELL 2	LOCATED	10'	N	AND	350'	E	DF	W	1/4	CORNER	SEC 23
MARCH WELL 3	LOCATED	150'	S	AND	110'	W	DF	NE	CORNER	SEC 22	
KEY BROS. WELL 1	LOCATED	260'	N	AND	1230'	E	DF	SW	CORNER	SEC 23	
KEY BROS. WELL 2	LOCATED	30'	N	AND	1620'	E	DF	SW	CORNER	SEC 23	
WILLIAMS WELL 1	LOCATED	760'	S	AND	40'	E	DF	NW	CORNER	SEC 35	
WILLIAMS WELL 2	LOCATED	240'	N	AND	2530'	E	DF	SW	CORNER	SEC 26	
WILLIAMS WELL 3	LOCATED	400'	N	AND	100'	W	DF	SE	CORNER	SEC 27	
WILLIAMS WELL 4	LOCATED	1353'	S	AND	1650'	E	DF	NW	CORNER	SEC 35	
WILLIAMS WELL 7	LOCATED	1000'	N	AND	100'	E	DF	SW	CORNER	SEC 23	

Certified Natural Light Examination
 4800 WIRE
 Date of Examination
 May 16, 1992
 Paul Williams & Associates
 No. 91178



NOTE:
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WATER RIGHTS IN TOWNSHIP 6 N 34 E Section (s) 22 23 27 35



PLACE OF USE BY SOURCE OF RIGHT
Multiple shades indicate multiple sources
Number in parcel is referenced in report.

NUMBER OF DIVERSION BY SOURCE OF RIGHT
Number next to point is referenced in report.

- Served by surface water or decree right
- Reservoir right
- Served by groundwater right
- Water right boundary: no data at this time

- Surface water right point of diversion
- Groundwater right point of diversion
- Point of diversion, no data at this time
- Application number shown on lowest reach.

Rights shown on this map are approximate.
Contact OWS for best locational data.

Map produced July 15, 1998



STATE OF OREGON

COUNTY OF UMATILLA

DRAFT PERMIT TO APPROPRIATE THE PUBLIC WATERS

THIS DRAFT PERMIT IS HEREBY ISSUED TO

T.O. WILLIAMS & ASSOC.

RAY WILLIAMS

49654 UMAPINE ROAD

(541) 558-3918

MILTON FREEWATER, OREGON 97862

The specific limits and conditions of the use are listed below.

APPLICATION FILE NUMBER: G-14728

SOURCE OF WATER: TEN WELLS IN SWARTZ SPRING CANYON AND PINE CREEK BASINS

PURPOSE OR USE: IRRIGATION OF 238.4 ACRES, SUPPLEMENTAL IRRIGATION FROM BOTH AQUIFERS OF 33.0 ACRES, SUPPLEMENTAL IRRIGATION FROM THE BASALT AQUIFER OF 91.8 ACRES, SUPPLEMENTAL IRRIGATION FROM THE ALLUVIAL AQUIFER OF 494.4 ACRES, AND SUPPLEMENTAL IRRIGATION TO MAKE UP A DEFICIENCY IN RATE OF 433.0 ACRES FROM THE BASALT AQUIFER, AND SUPPLEMENTAL IRRIGATION TO MAKE UP A DEFICIENCY IN RATE OF 6.4 ACRES FROM THE ALLUVIAL AQUIFER

MAXIMUM RATE: ^{9.772}~~10.6~~ CFS, BEING 2.98 CFS FOR IRRIGATION, 0.412 CFS FOR SUPPLEMENTAL IRRIGATION FROM EITHER AQUIFER, AND 1.15 CFS SUPPLEMENTAL IRRIGATION FROM THE BASALT AQUIFER, AND ^{4.892}6.18 CFS FOR SUPPLEMENTAL IRRIGATION FROM THE ALLUVIAL AQUIFER, 0.338 CFS FOR SUPPLEMENTAL IRRIGATION TO MAKE UP A DEFICIENCY IN RATE FROM THE BASALT AQUIFER, AND 0.006 CFS FOR SUPPLEMENTAL IRRIGATION TO MAKE UP A DEFICIENCY IN RATE FROM THE ALLUVIAL AQUIFER. (FOR DEFICIENT RATE FROM THE BASALT AQUIFER DEFICIENCY SEE CERTIFICATES 30636 AND 30638; FOR DEFICIENT RATE FROM THE ALLUVIAL AQUIFER SEE CERTIFICATES 36131 AND 36132 AND PERMIT G-12940) FURTHER LIMITED TO A MAXIMUM RATE OF 1.0 CFS EACH FROM MARCH WELLS 1, 2, & 3, 2.0 CFS EACH FROM WILLIAMS WELLS 1, 2, 3, & 4, 0.446 CFS EACH FROM KEY BROTHERS WELLS 1 & 2, AND 1.0 CFS FROM WILLIAMS WELL 7

2 x 4 = 8.0 CFS BASALT

PERIOD OF USE: MARCH 1 THROUGH OCTOBER 31

1 x 3 + (4.46 x 2) + 1 = 4.892 Alluvial

DATE OF PRIORITY: APRIL 20, 1998

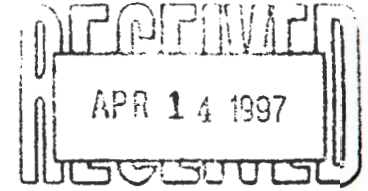
5.792 + 1.488 = 4.88 BASALT
+ 6.186 = 9.578 Alluvial

POINT OF DIVERSION LOCATION: NE 1/4 NE 1/4, SECTION 22, NE 1/4 NW 1/4, SW 1/4 NW 1/4, SW 1/4 SW 1/4, SE 1/4 SW 1/4, SECTION 23, SE 1/4 SW 1/4,

max Allowed

7396

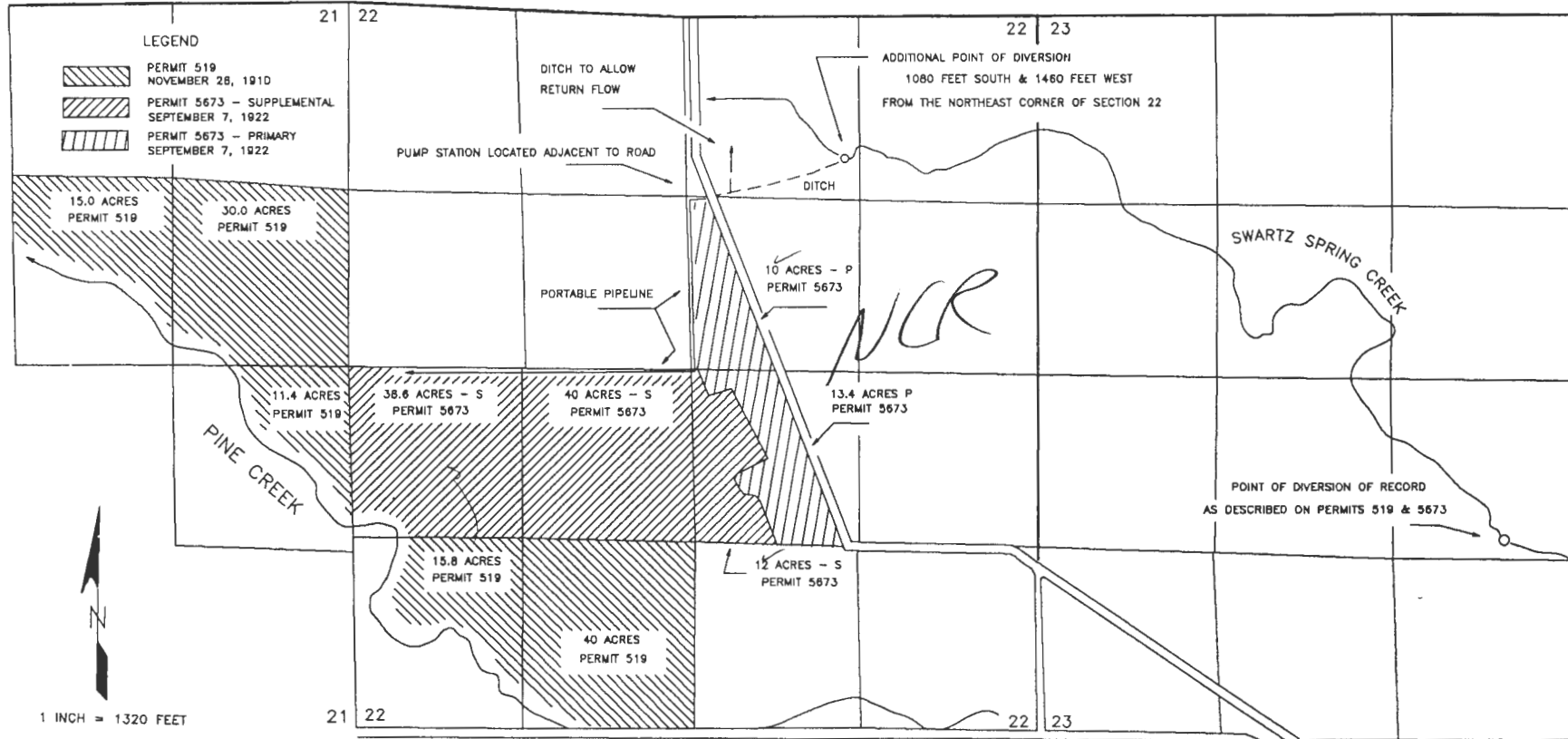
APPLICATION FOR TRANSFER OF WATER RIGHT
IN THE NAME OF CALVIN N. BLESSINGER



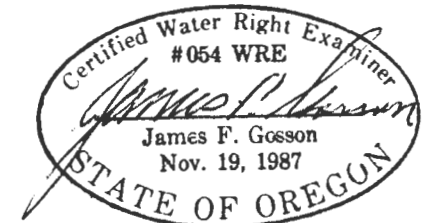
SECTIONS 21 & 22, T 6 N, R 34 E, W.M.

PERMIT No. 519
PERMIT No. 5673

CERTIFICATE No. 49819
CERTIFICATE No. 5150

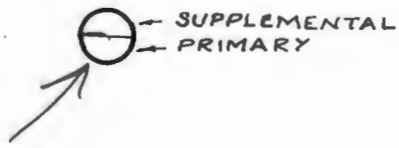
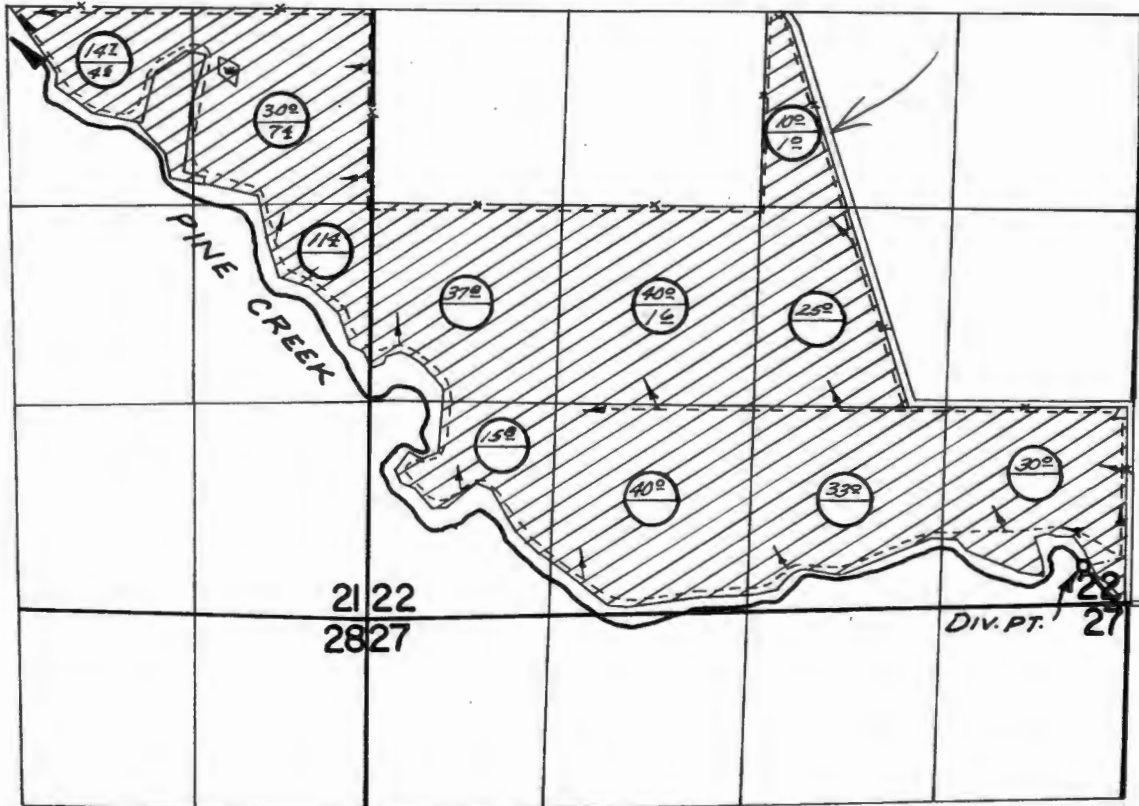


THE PURPOSE OF THIS MAP IS TO IDENTIFY THE LOCATION OF THE WATER RIGHT. IT IS NOT INTENDED TO PROVIDE INFORMATION RELATIVE TO THE LOCATION OF PROPERTY OWNERSHIP BOUNDARY LINES.



T.6N.R.34E.W.M.

NCR



DIV. PT. LOC: 300' W. & 250' N. FROM SE. COR. SEC. 22

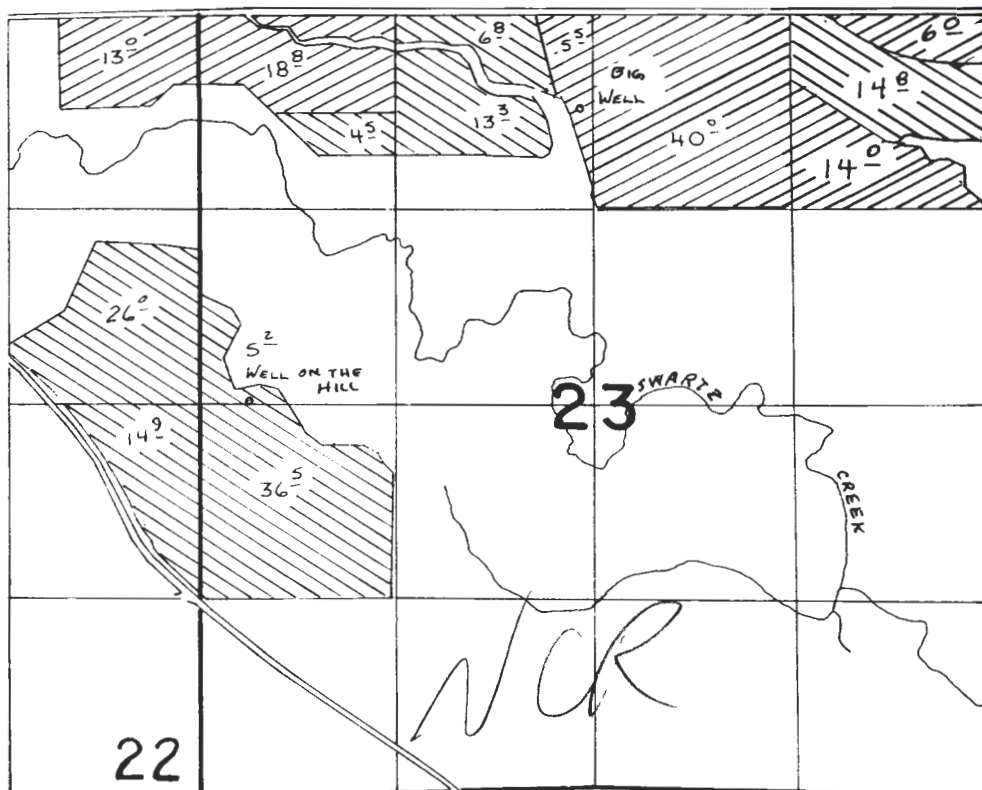
FINAL PROOF SURVEY UNDER

Application No. 39943 Permit No. 29779
IN NAME OF

NEAL BLESSINGER

Surveyed AUG. 24, 1971, by G. BACA

T. 6N., R. 34E., W.M.



WELL 1 LOCATED 10' N. & 350' E. FROM W¹/₄ COR. SEC. 23
 WELL 2 LOCATED 650' S. & 90' W. FROM N¹/₄ COR. SEC. 23



SCALE: 1" = 1320'

FINAL PROOF SURVEY UNDER

Application No. **G:8472** Permit No. **G:7875**...
 IN NAME OF

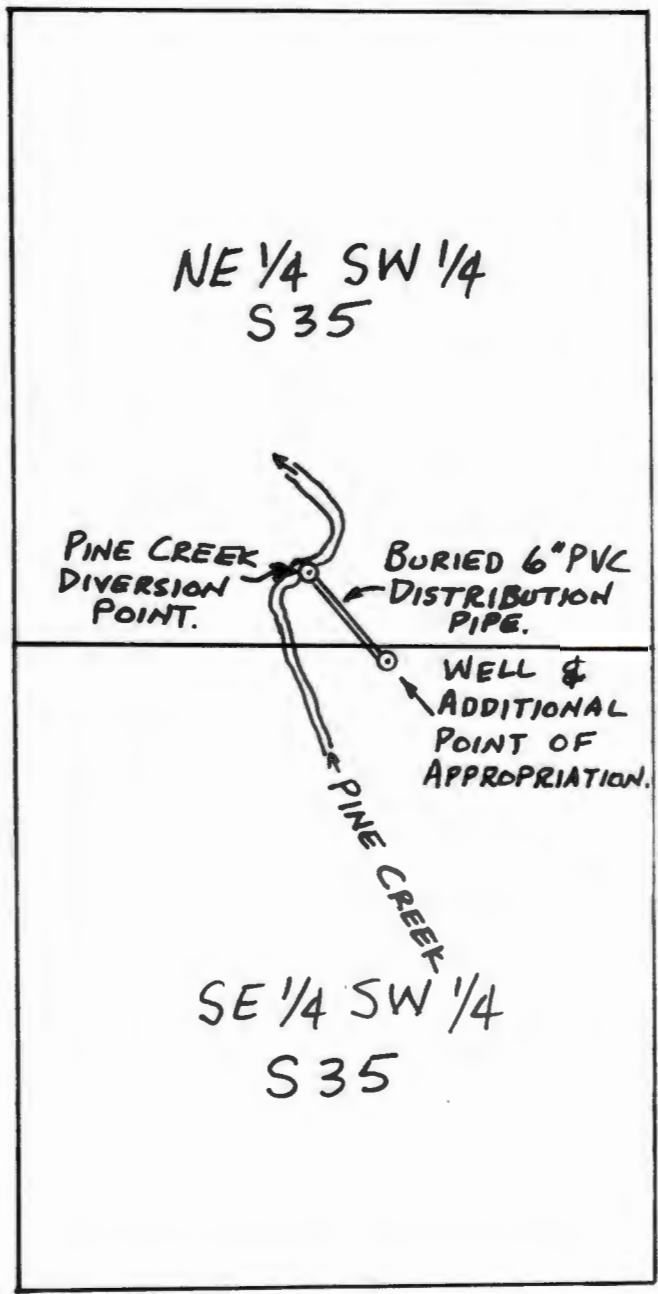
.....**COUSE CREEK RANCH INC.**.....

Surveyed ~~4-10~~..... 1984, by ~~V. L. Church~~.....

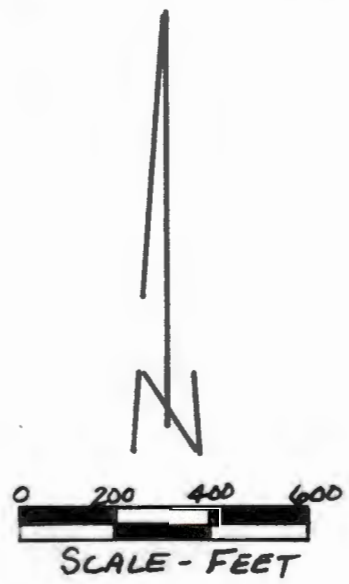
FINAL PROOF SURVEY
AND
CLAIM OF BENEFICIAL USE
SHOWING
ADDITIONAL POINT OF APPROPRIATION
E 1/2 SW 1/4 SECTION 35, T6N, R34E, WM
IN NAME OF ADOLF C. KLEIN

RECEIVED
 JUN 13 1991
 WATER RESOURCES DEPT.
 SALEM, OREGON

TRANSFER 6241
UNDER
PERMITS 42205 & 46984
(SEE SPECIAL ORDER RECORDS AT
VOLUME 44, PAGES 118 & 119)



NCK



WELL IS 1,281 FEET NORTH AND
 551 FEET WEST FROM THE S 1/4
 CORNER OF SECTION 35.

← SOUTH 1/4
 CORNER
 S 35

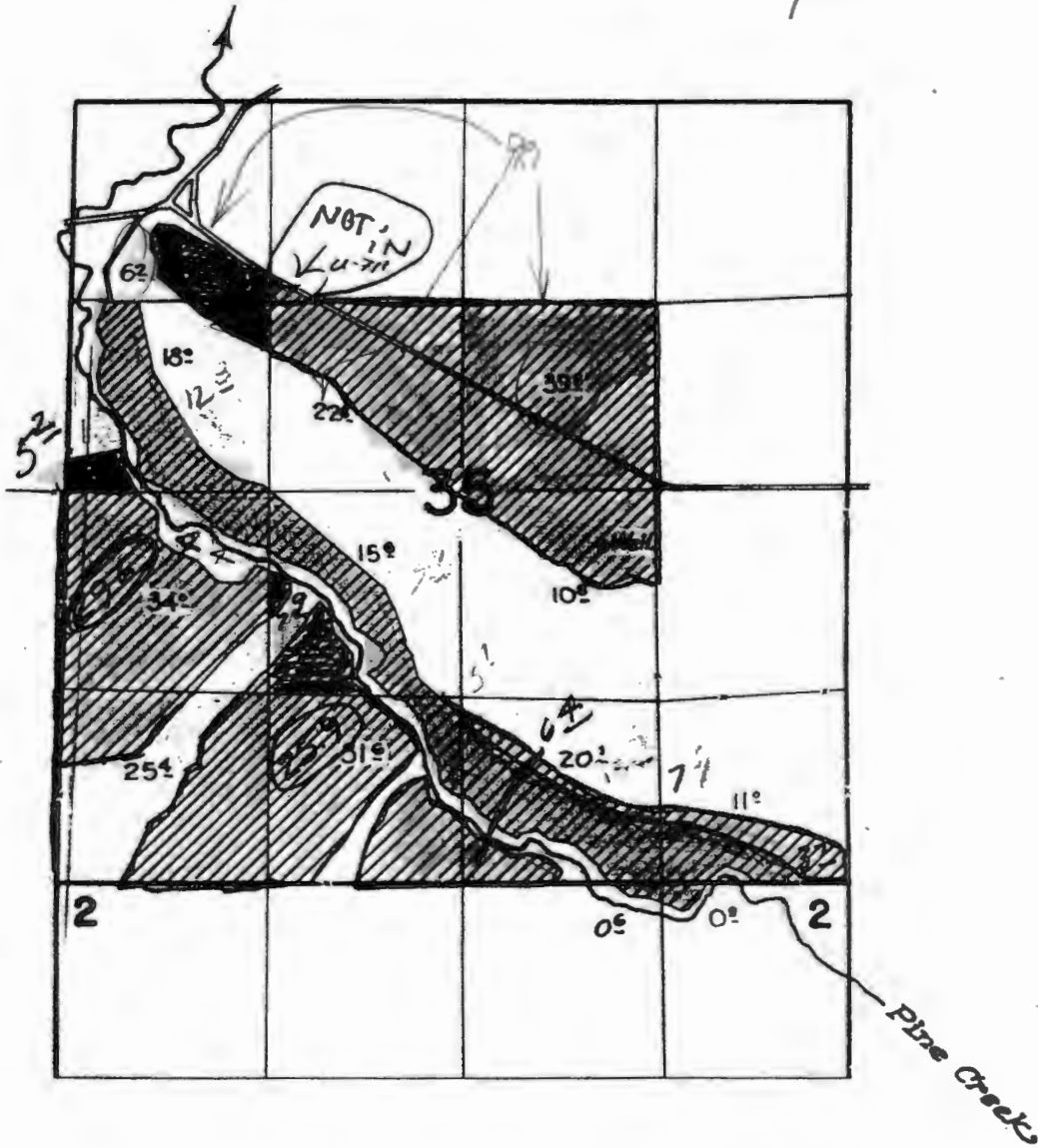
Certified Water Right Examiner
 # 53
Dennis L. Gaylord
 Dennis L. Gaylord
 Nov. 19, 1987
 STATE OF OREGON

THIS MAP IS PREPARED FOR THE EXPRESS
 PURPOSE TO SHOW WATER APPROPRIATION.
 IT IS NOT INTENDED TO SHOW OR
 LOCATE PROPERTY OWNERSHIP LINES.

DENNIS L. GAYLORD, CWRE
4107 S. W. LAKE DRIVE
PENDLETON, OR 97801
503-276-6260

T.5&6N,R.34E.W.M.

NCR



FINAL PROOF SURVEY
UNDER

SUPP = T6241/U711

PRIM = T6241/~~U711~~

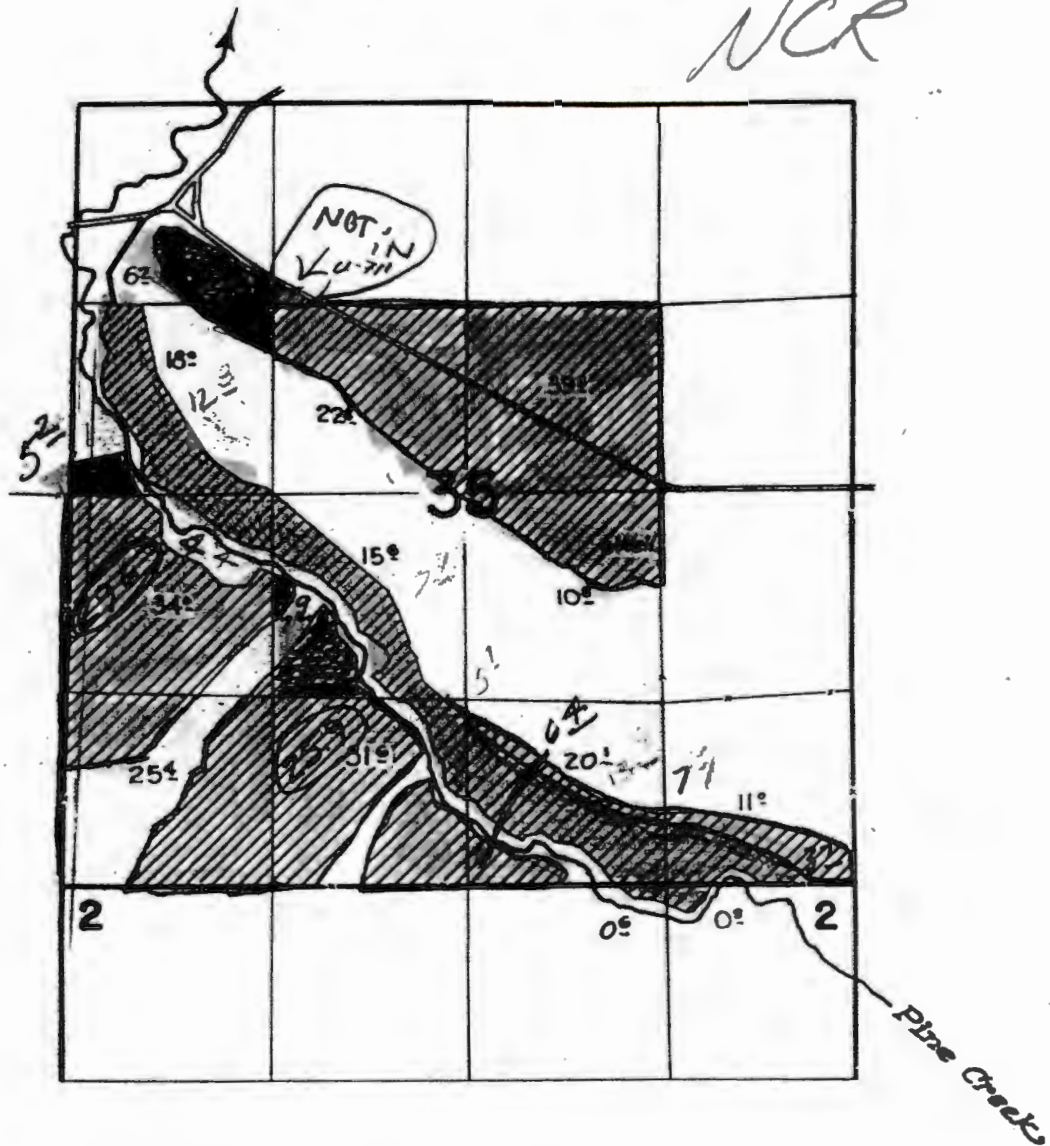
Application No. U-793... Permit No. U-711...
IN NAME OF

E. F. ARNOLD

Surveyed Sept. 15 1961, by C.O. Bartels.

T.58&6N.R.34E.W.M.

NCR



$$\begin{array}{r} 116 \\ 101 \\ \hline 19 \end{array}$$

$$\begin{array}{r} 60.2 \\ 53.1 \\ \hline 1763234.6 \\ \hline 183.2 \end{array}$$

 236.8

FINAL PROOF SURVEY UNDER

SUPP = T6241/U711

PRIM = T6241/~~U711~~

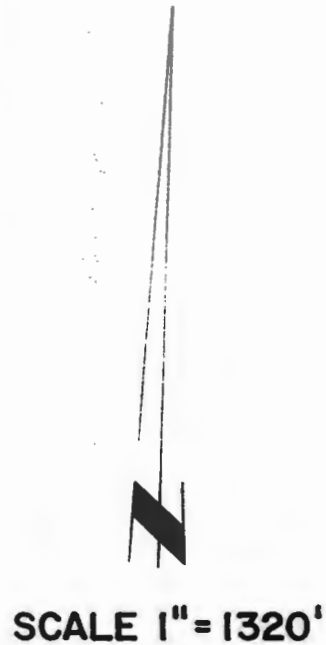
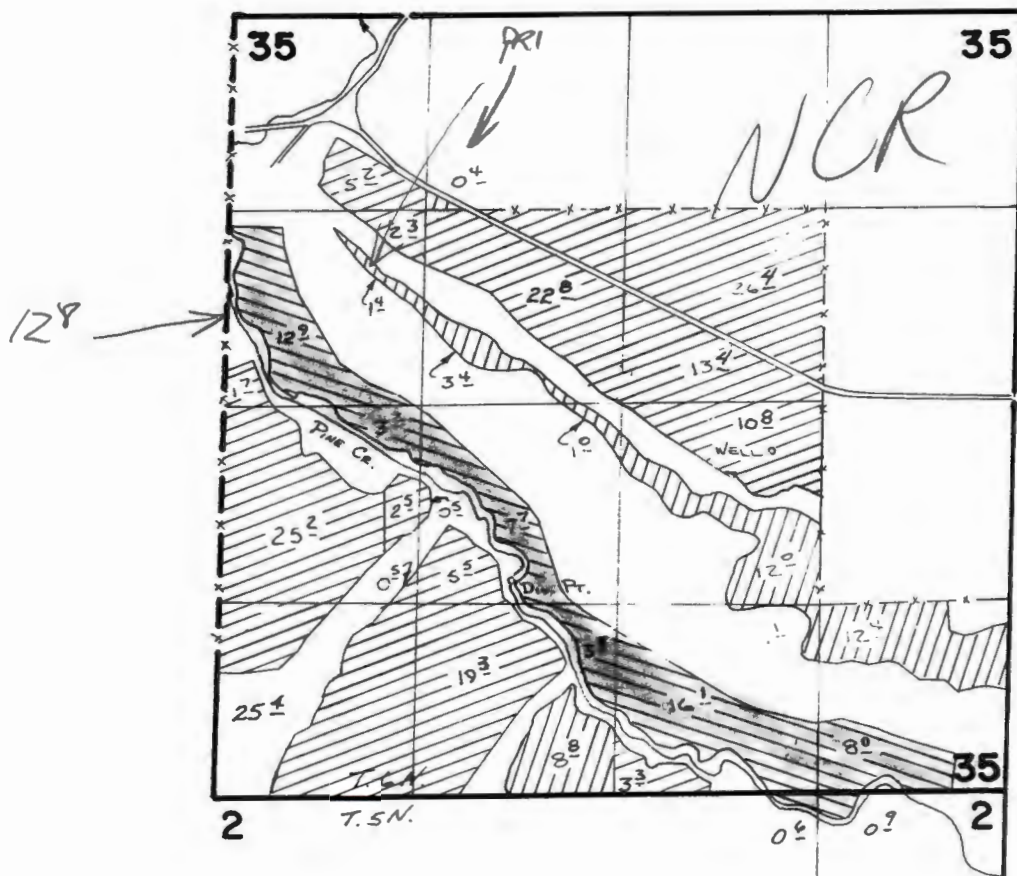
Application No. U-793... Permit No. U-711... IN NAME OF

E. F. ARNOLD

~~SUPP = T6241/G9865~~

Surveyed Sept. 15 1961, by C.O. Bartels.

T. 5 & 6 N., R. 34 E., W. M.



Div. Pr. Loc: 1470'N. & 710'W. From 5/4 Cor. Sec 35

 PER. 42205
  SUPPL. PER. 46984
  PRI. PER. 46984

FINAL PROOF SURVEY
UNDER

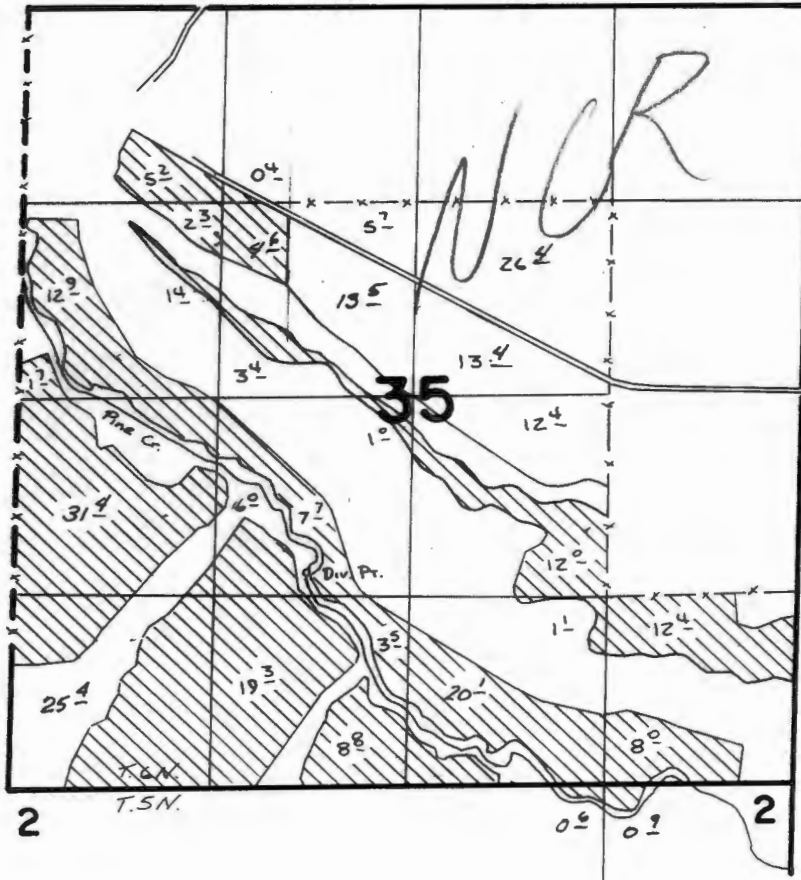
PRI = 55490

55490 42205
 Application No. 59671 Permit No. 46984
 IN NAME OF

ADOLF C. KLEIN

Surveyed 3-2 1987, by V. h. Chasch

T. 586N., R. 34E., W.M.



Div. Pt. Loc: 1470'N. & 710'W. From S¹/₄ COR. SEC. 35

FINAL PROOF SURVEY
UNDER

Application No. **61015** Permit No. **46985**
IN NAME OF

ADOLF C. KLEIN

Surveyed 3-2 1987, by V.L. Church

MAP TO ACCOMPANY APPLICATION TO APPROPRIATE
GROUND WATER

~~1707~~
G-12622

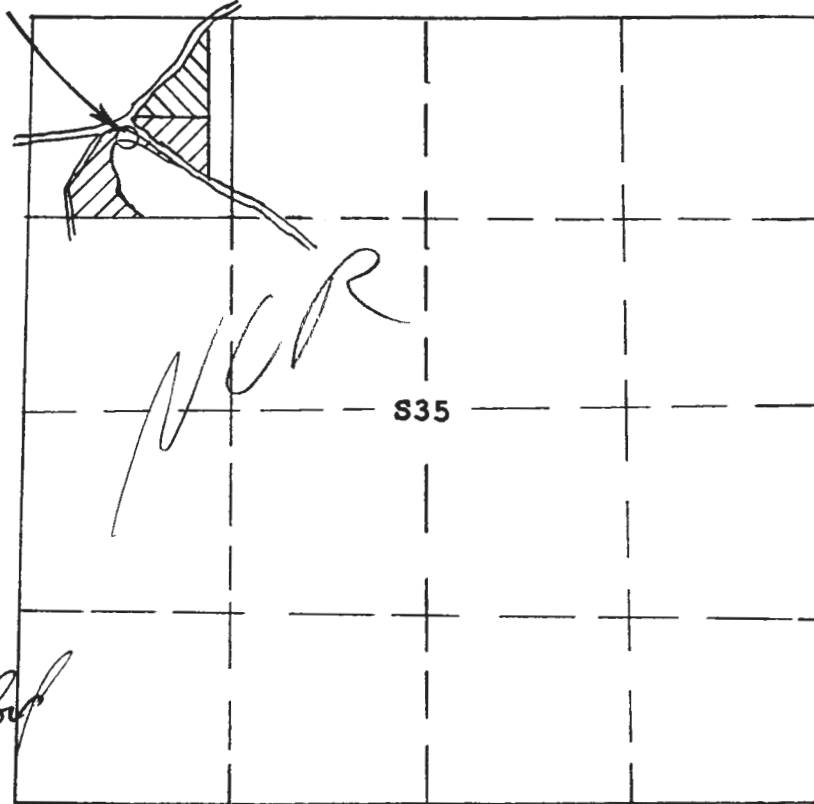
IN NAME OF:
JON E. BROUGH

1993
RECEIVED
JUL - 1 1993

POINT OF APPROPRIATION
A WELL APPROXIMATELY
800' S & 650' E OF THE
NW CORNER OF SECTION 35

T. 6 N., R. 34 E., W. M.
NW 1/4, NW 1/4, SECTION 35
TR # 2704

WATER RESOURCES DEPT.
SALEM, OREGON



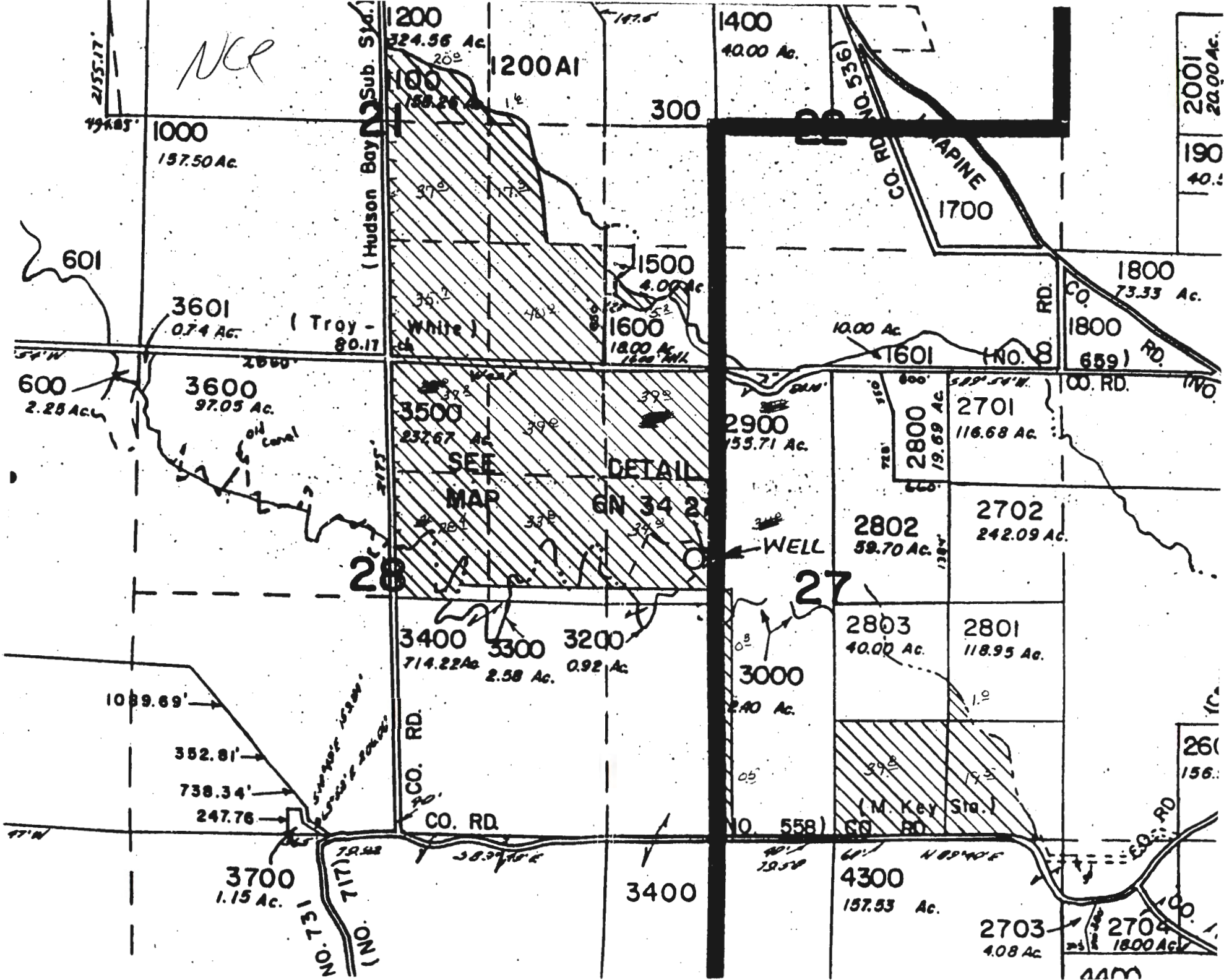
SCALE:
1 INCH = 1,320 FEET

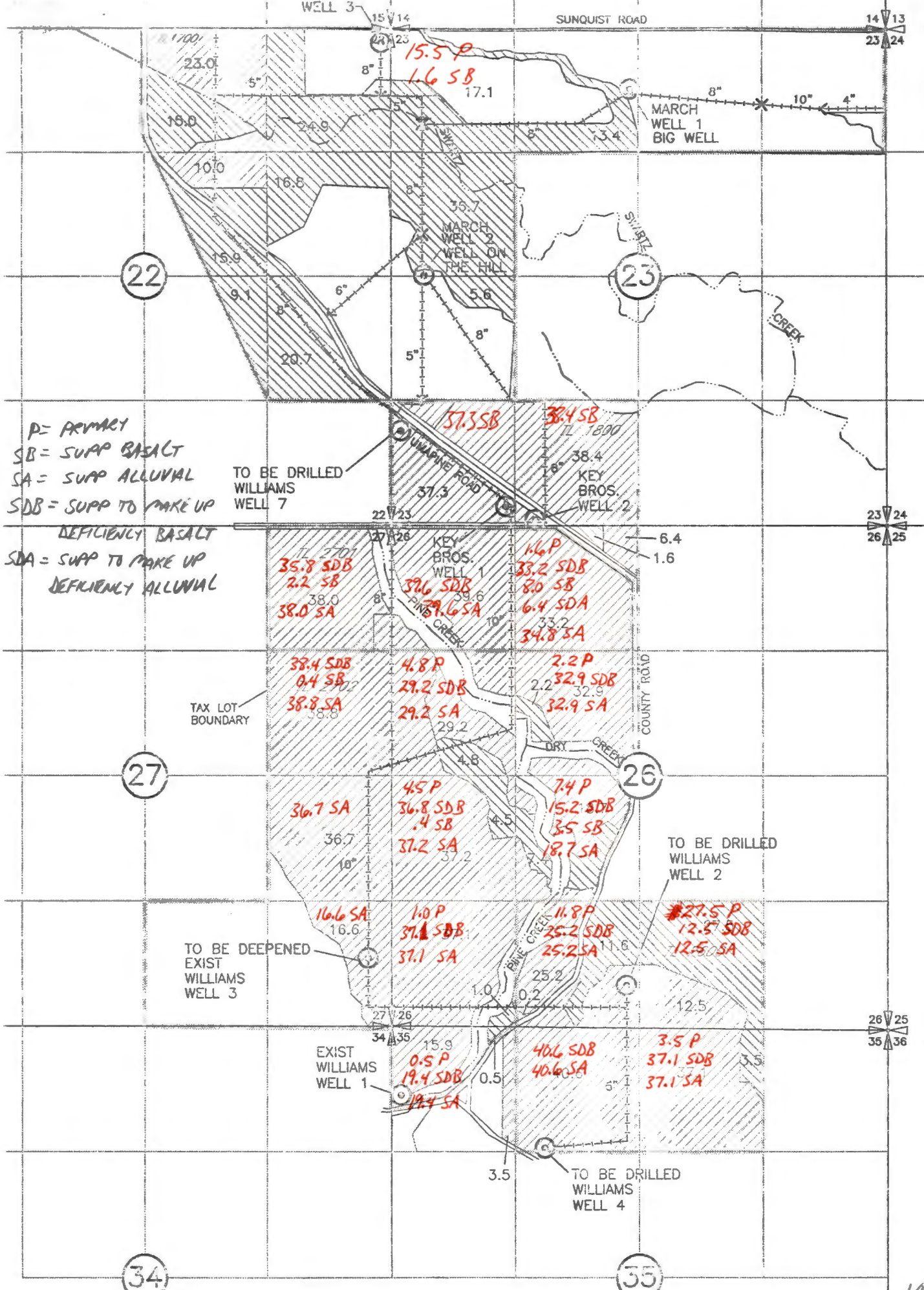
Certified Water Right Examiner
53
Dennis L. Gaylord
Dennis L. Gaylord
Nov. 19, 1987
STATE OF OREGON

 = PLACE OF USE, PRIMARY. 5.1 ACRES

 = PLACE OF USE, SUPPLEMENTAL. 3.2 ACRES

APPLICATION: G-12622
PERMIT: G12210





P= PRIMARY
 SB= SUPP BASALT
 SA= SUPP ALLUVIAL
 SDB= SUPP TO MAKE UP
 DEFICIENCY BASALT
 SDA= SUPP TO MAKE UP
 DEFICIENCY ALLUVIAL

TO BE DRILLED
WILLIAMS
WELL 7

TO BE DRILLED
WILLIAMS
WELL 2

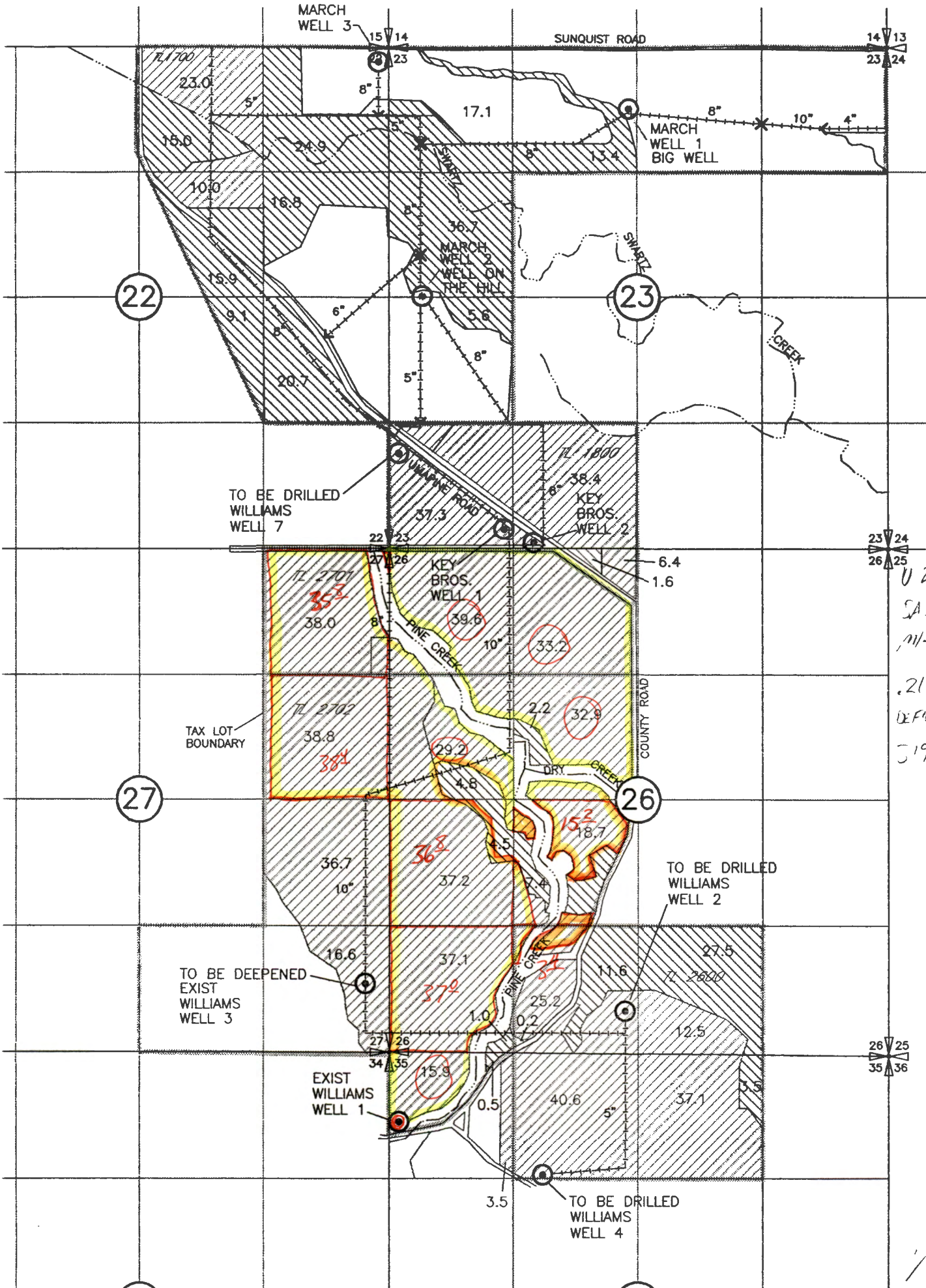
TO BE DEEPEINED
EXIST
WILLIAMS
WELL 3

TO BE DRILLED
WILLIAMS
WELL 4

Mac Williams et al.

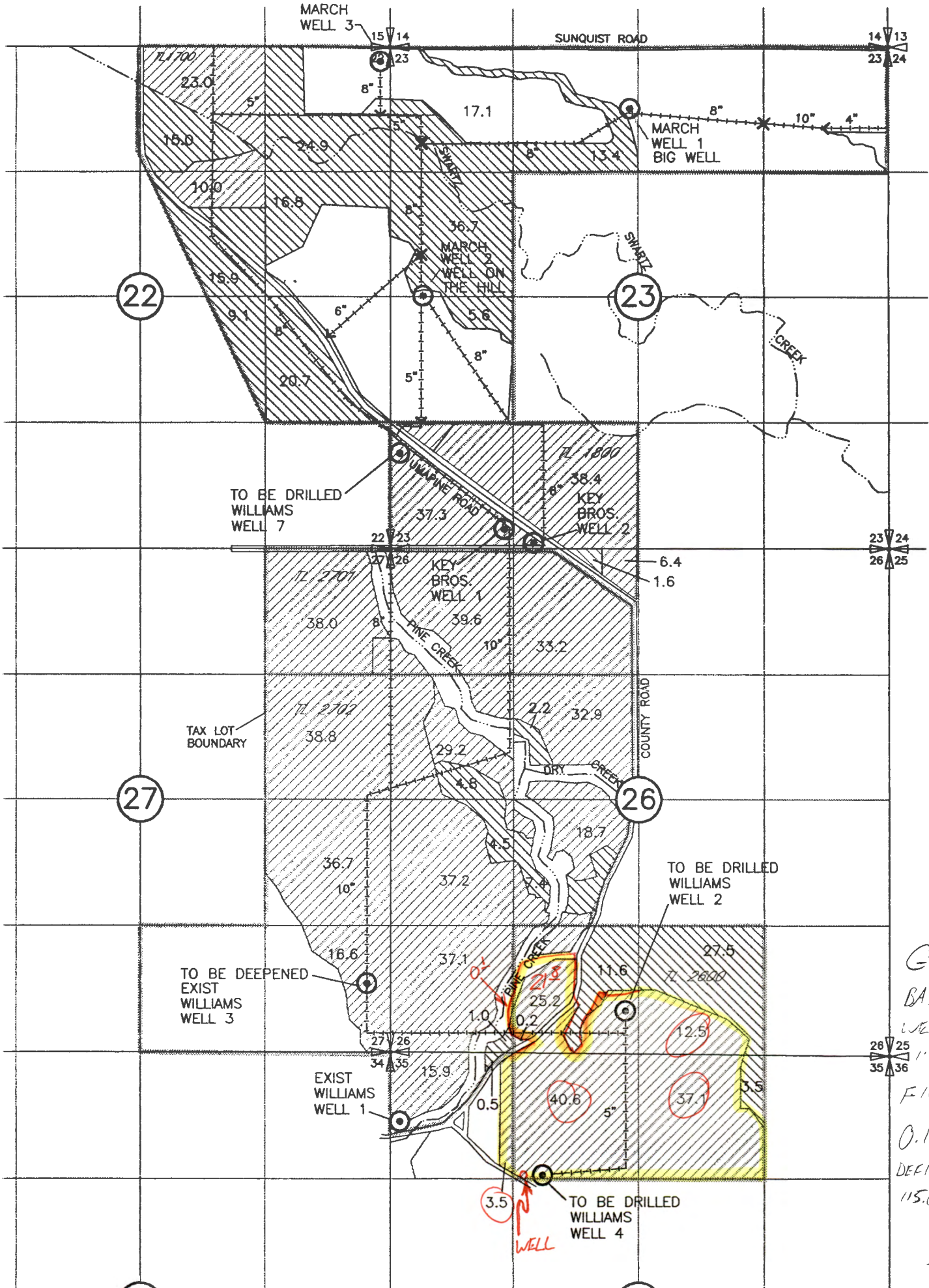
1/14/99
PWR

Section 1/4 1/4	Total Re- quested Acres	Previous Basalt Acres	Previous Alluvial Acres	Allowable Basalt Acres	Allowable Alluvial Acres	Previous Q Deficiency	Previous Well	Basalt Deficiency Q	Alluvial Deficiency Q
23									
NW NW	17.1		1.6	17.1	15.5	0.0	March 2,3		
SW SW	37.3		37.3	37.3		▼combined▼	Williams 7		
			35.2			▲ 0.0▲	Key Bro 1,2		
SE SW	38.4		38.4	38.4		▼combined▼	Williams 7		
			38.4			▲ 0.0▲	Key Bro 1,2		
26									
NE NW	41.2		6.4	see below	6.4d + 34.8	0.001	Key Bro 1,2		0.006
		33.2		33.2d + 8.0	see above	0.0007	Williams 1	0.023	
NW NW	39.6	39.6		39.6d	39.6	0.0007	Williams 1	0.028	
SW NW	34.0	29.2		29.2d + 4.8	34.0	0.0007	Williams 1	0.020	
SE NW	35.1	32.9		32.9d + 2.2	35.1	0.0007	Williams 1	0.023	
NE SW	26.1	15.2		15.2d + 10.9	26.1	0.0007	Williams 1	0.011	
NW SW	41.7	36.8		36.8d + 4.9	41.7	0.0007	Williams 1	0.026	
SW SW	38.1	37.0		37.0d + 1.0	38.1	0.0007	Williams 1	0.026	
		0.1		0.1d		0.001	G-520		
SE SW	37.0	3.4		3.4d + 11.8	37.0	0.0007	Williams 1	0.002	
		21.8		21.8d		0.001	G-520	0.022	

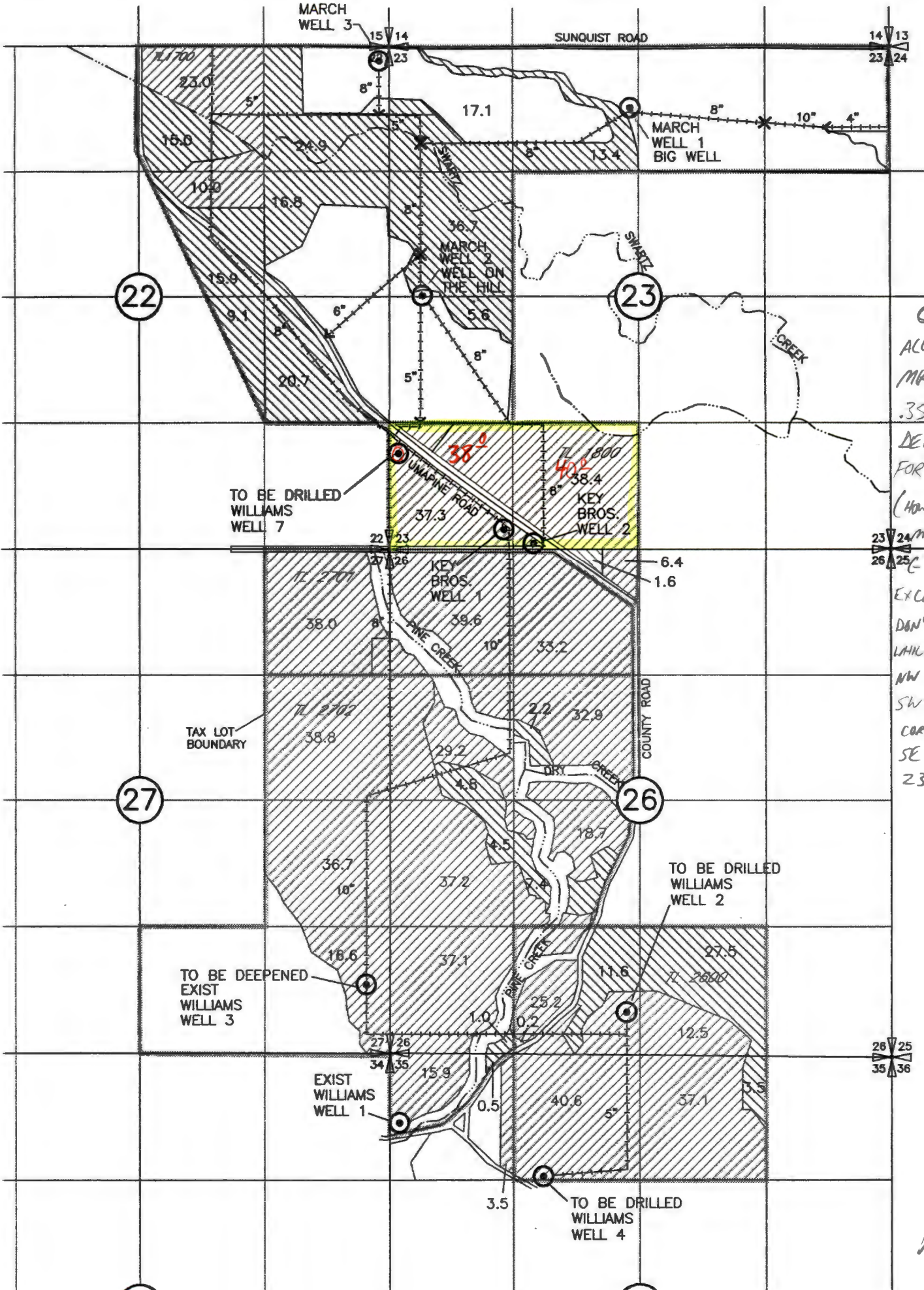


U 294
 SWARTZ PER
 M/L E
 .21 CFS
 DEFICIENT 122
 519.9 AC

1/17/89

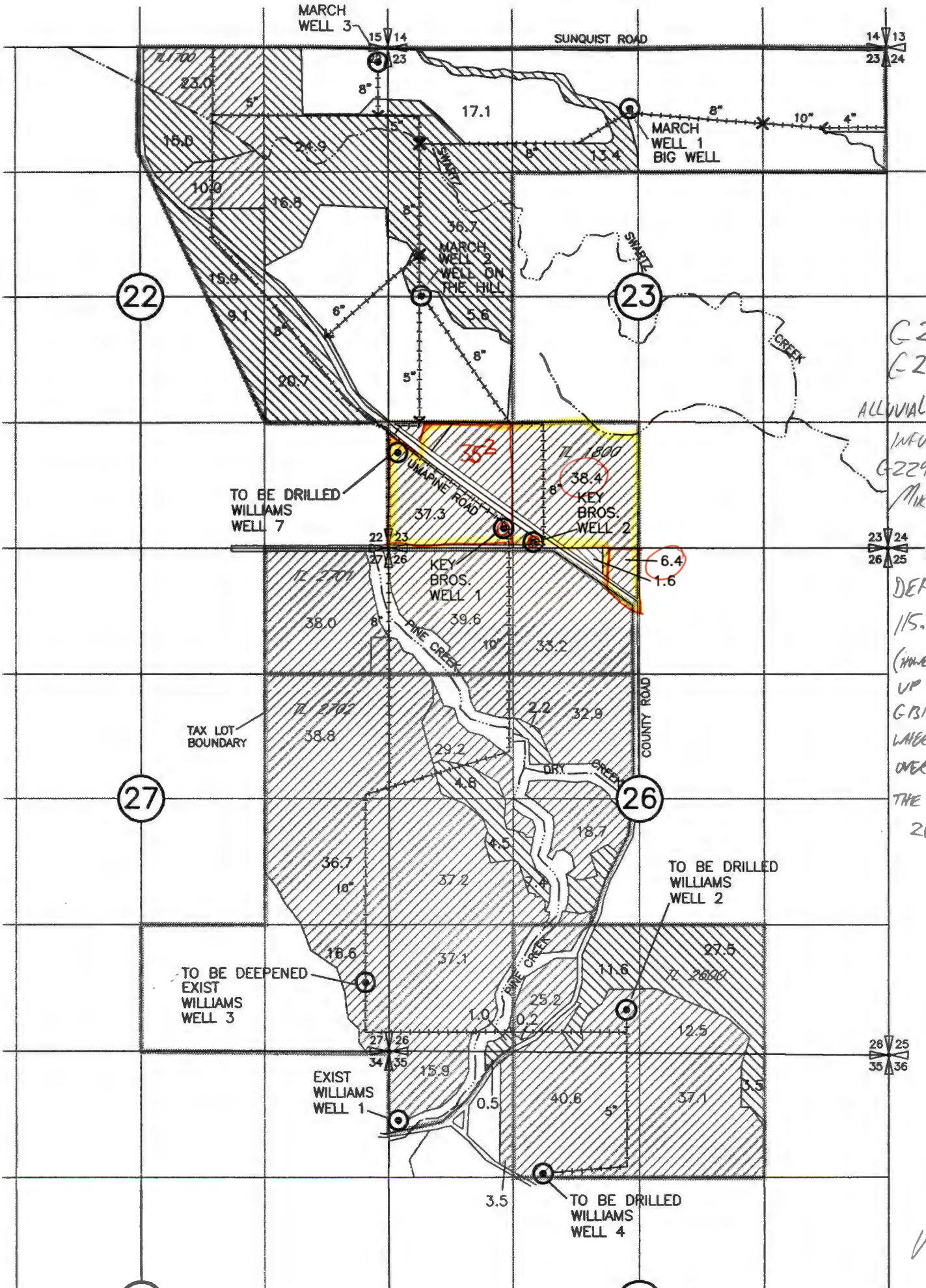


G-520
 BAAG
 WELL PR
 FILE
 0.11 OF
 DEFICIENT FOR
 115.6 AC
 1/13/14



G-13124
 ALLUVAL PER
 MIKE Z
 .352 OFS
 DEFICIENT
 FOR 37⁰ AC
 (HOWEVER DEF
 MADE UP UNDER
 C 2296 & 2983
 EXCEPT WHERE
 DON'T OVERLAP,
 WHICH IS IN
 NW CORNER OF
 SW SW & NE
 CORNER OF
 SE SW SECTION
 23)

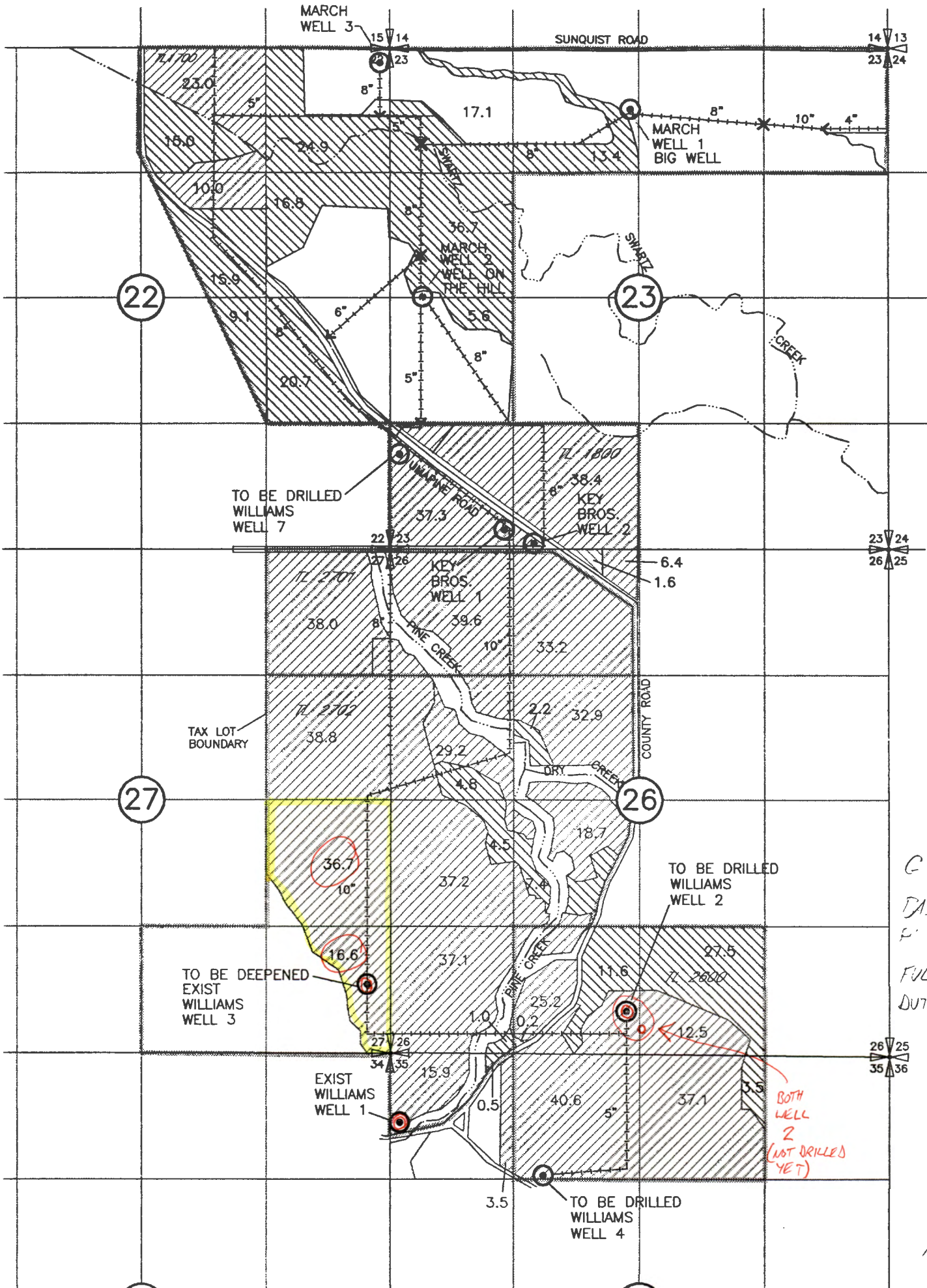
1/13/99
 Rnk



G 2290 &
G 2983
ALLUVIAL WELL PER
INFO IN FILE
G 2290 & PER
MIKE Z

0.11 CFS
DEFICIENT FOR
115.6 AC
(WHENEVER DEF MADE
UP UNDER
G 3124 EXCEPT
WHERE DONT
OVERLAP, WHICH IS
THE 6.4 NE NW
26)

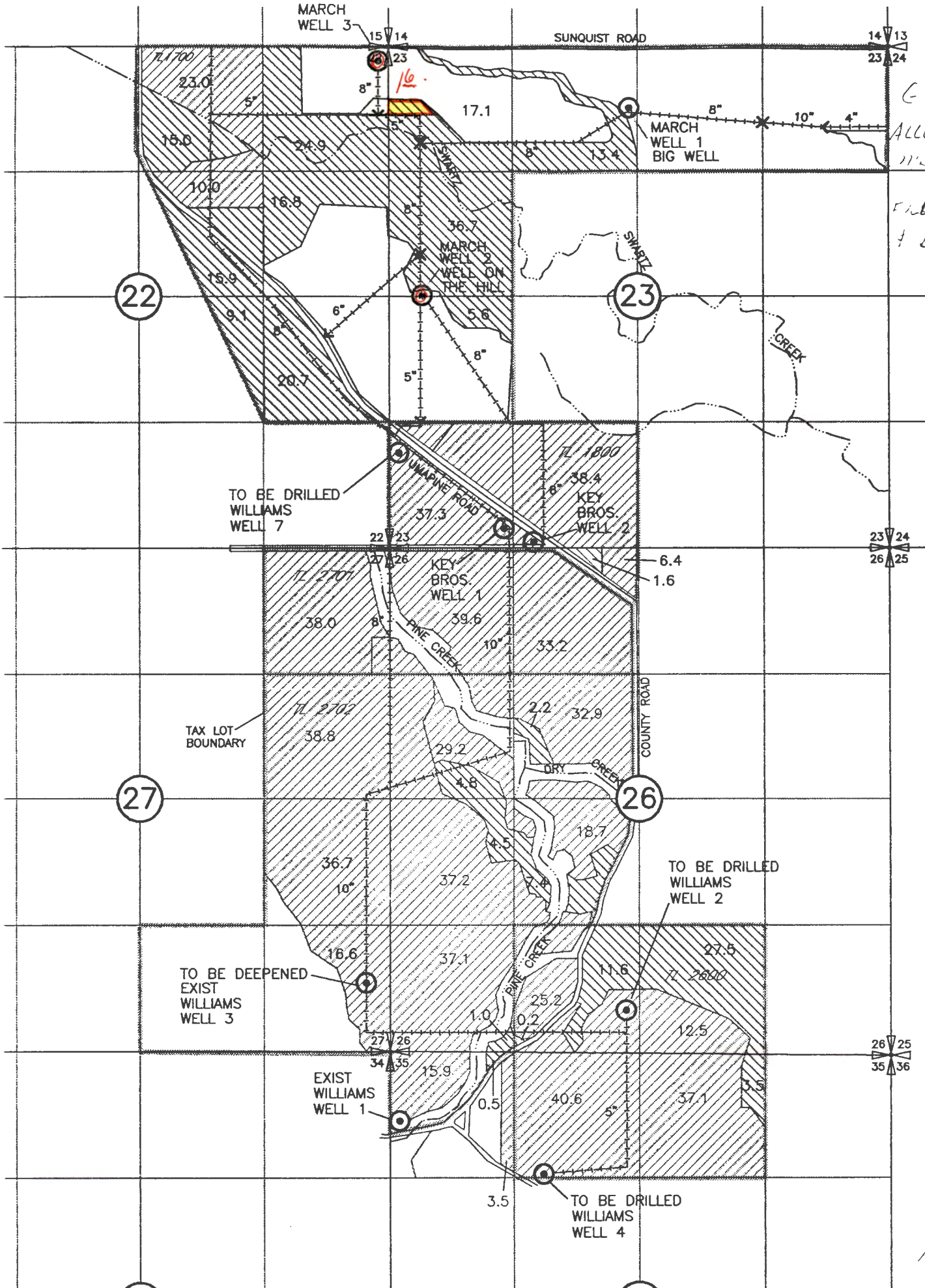
1/13/99
RDK



C15125
 DALL
 H. M. R. Z
 FULL RATE \$
 DUTY

BOTH
 WELL
 2
 (NOT DRILLED
 YET)

1/13



E 14557
 ALLUVIAL PR?
 FILE # 1152
 1871

TO BE DRILLED
 WILLIAMS
 WELL 7

TAX LOT
 BOUNDARY

TO BE DEEPEINED
 EXIST
 WILLIAMS
 WELL 3

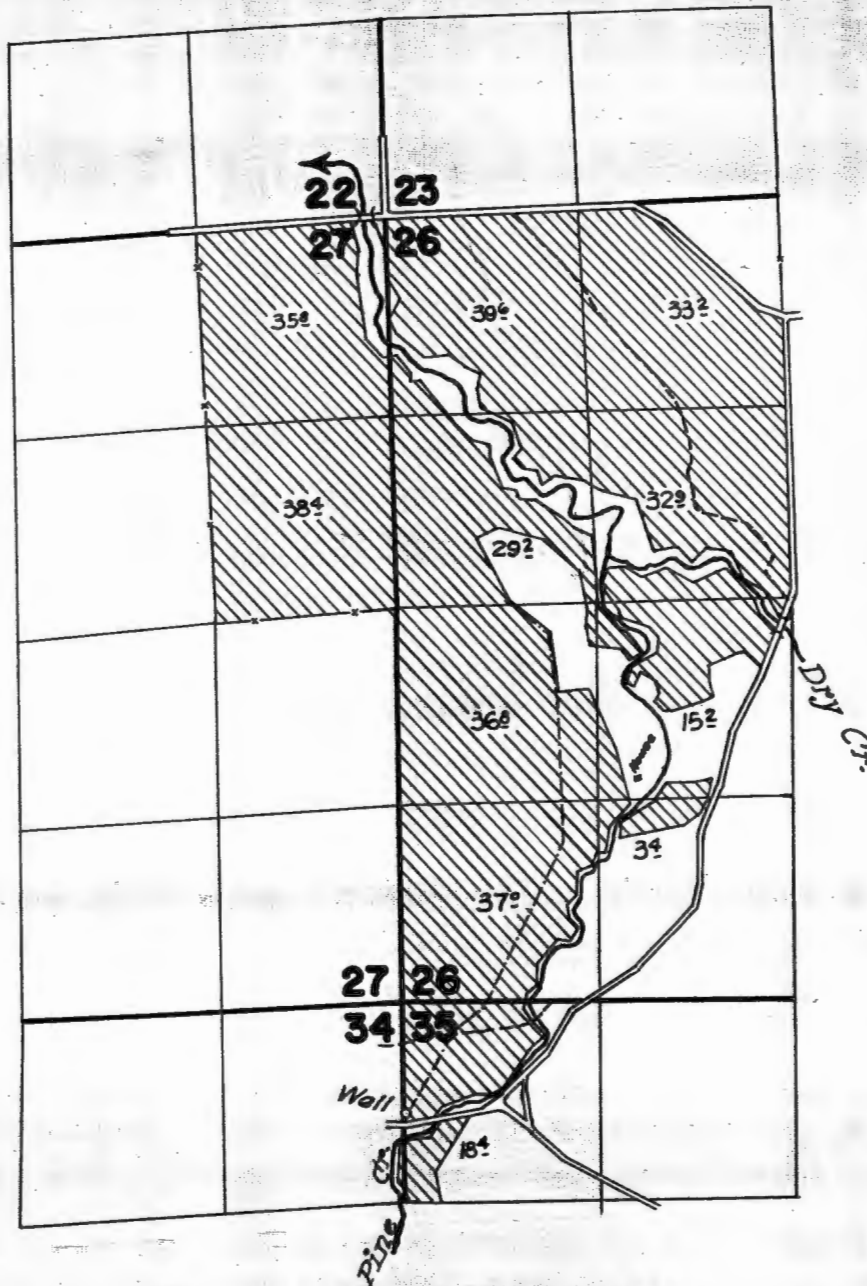
EXIST
 WILLIAMS
 WELL 1

TO BE DRILLED
 WILLIAMS
 WELL 2

TO BE DRILLED
 WILLIAMS
 WELL 4

1173

T.6N.R.34E.W.M.



**FINAL PROOF SURVEY
UNDER**

Application No. U-294 Permit No. U-269
IN NAME OF

DOROTHY KELLY COCKBURN

Surveyed Sept. 13-14 1962, by C. O. Bartels

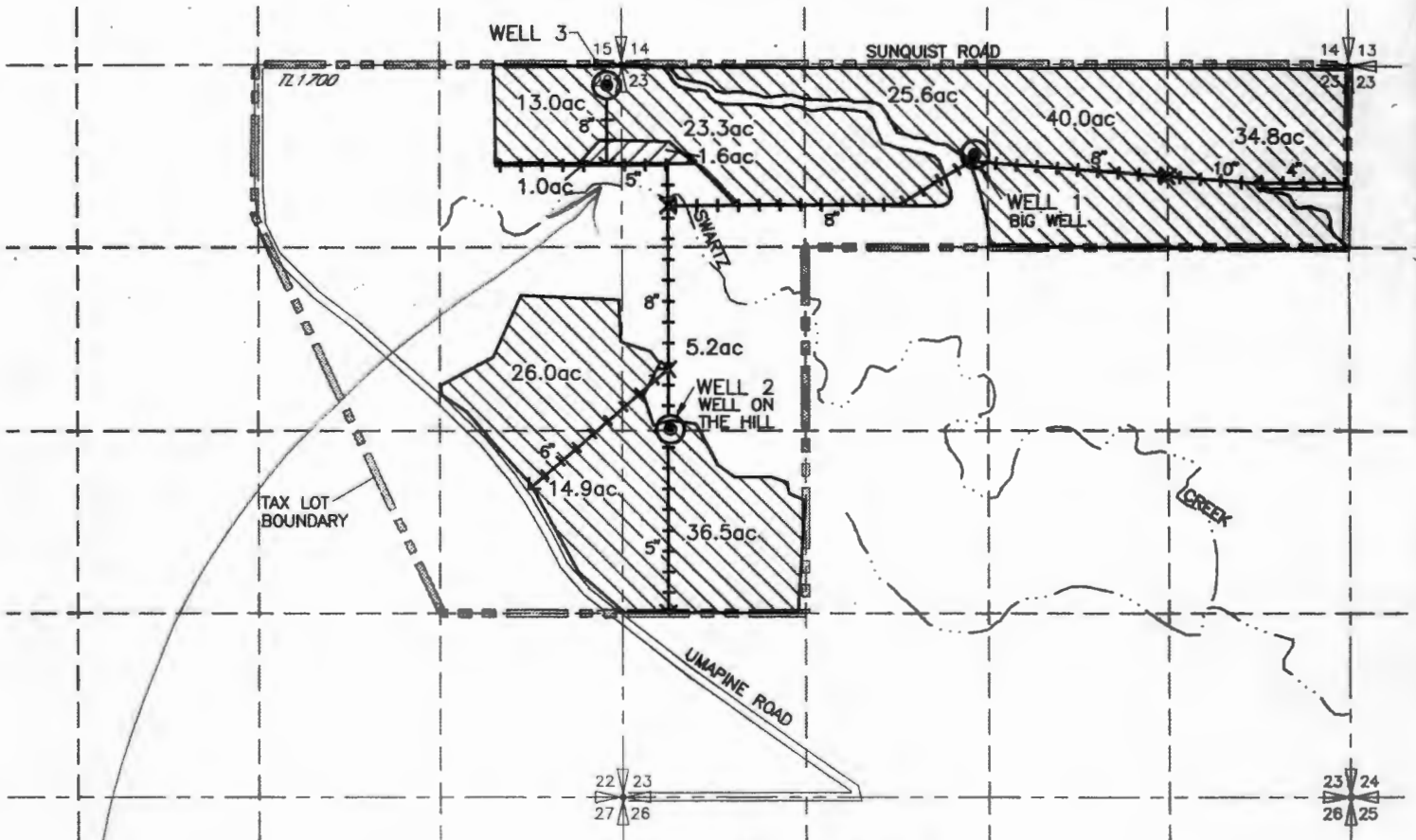
47

**GROUNDWATER APPLICATION
MAP FOR
COUSE CREEK RANCH, INC.
HERB MARCH
T6N, R34E WM**

RECEIVED

JUN 3 0 1997



WATER RESOURCES DEPT.
SALEM, OREGON



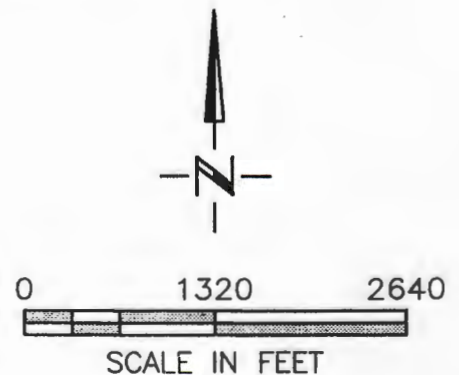
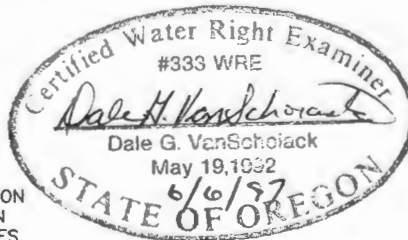
**Application No. G14557
Permit No. G13425**

POINTS OF APPROPRIATION

WELL NO 2 LOCATED 10' NORTH AND 350' EAST FROM THE W 1/4 CORNER SECTION 23
WELL NO 3 LOCATED 150' SOUTH AND 110' WEST FROM THE NE CORNER OF SECTION 22

-  PRIMARY
-  SUPPLEMENTAL

WELL NO 1 USE AUTHORIZED UNDER PERMIT G-7875



NOTE:
THE PURPOSE OF THIS MAP IS TO IDENTIFY THE APPROXIMATE LOCATION OF THE WATER RIGHT. IT IS NOT INTENDED TO PROVIDE INFORMATION RELATIVE TO THE LOCATION OF PROPERTY OWNERSHIP BOUNDARY LINES.

3522.062
3522MAR.DWG
6/4/97

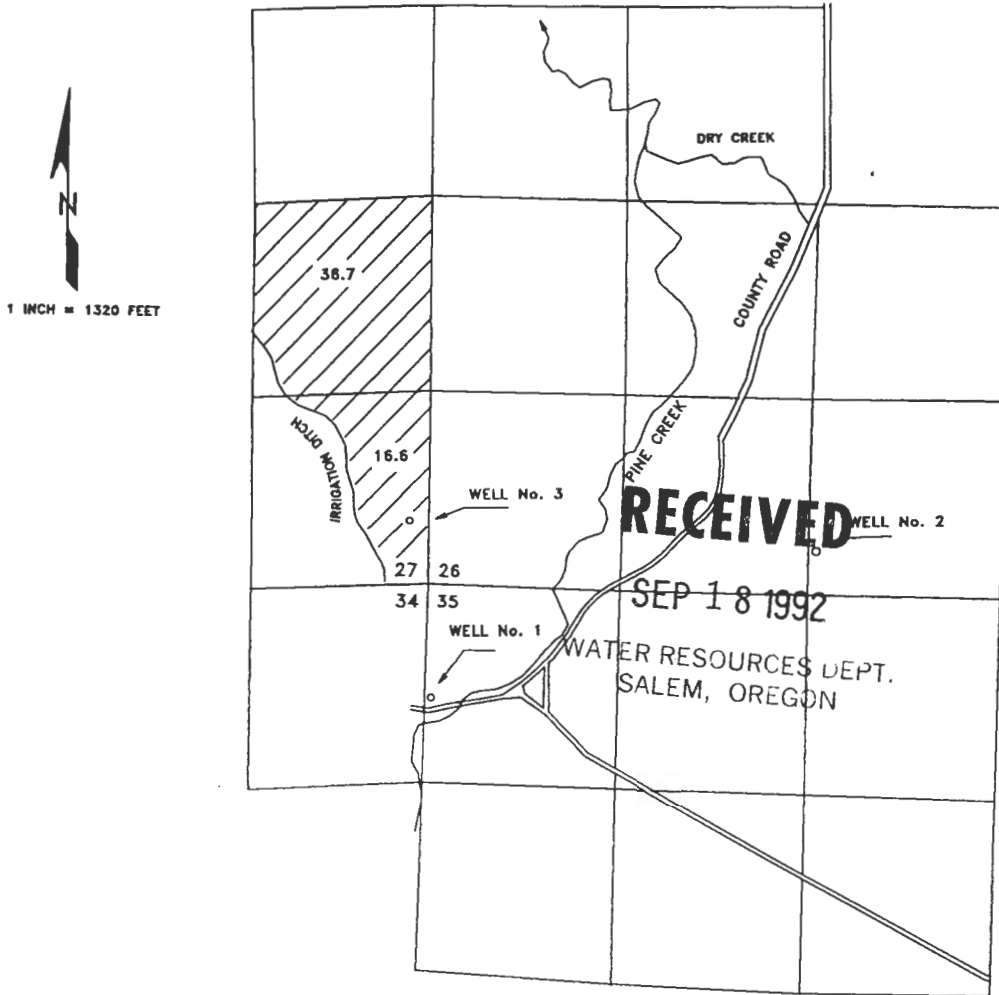
Application No. 6-13125

Permit No.

APPLICATION MAP

IN THE NAME OF WILLIAMS DAIRY HEIFER RAISING

SECTIONS 26, 27 and 35, T 6 N, R 34 E, W.M.

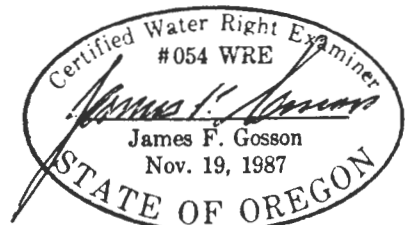


THE POINTS OF DIVERSION ARE TO BE LOCATED AS FOLLOWS:

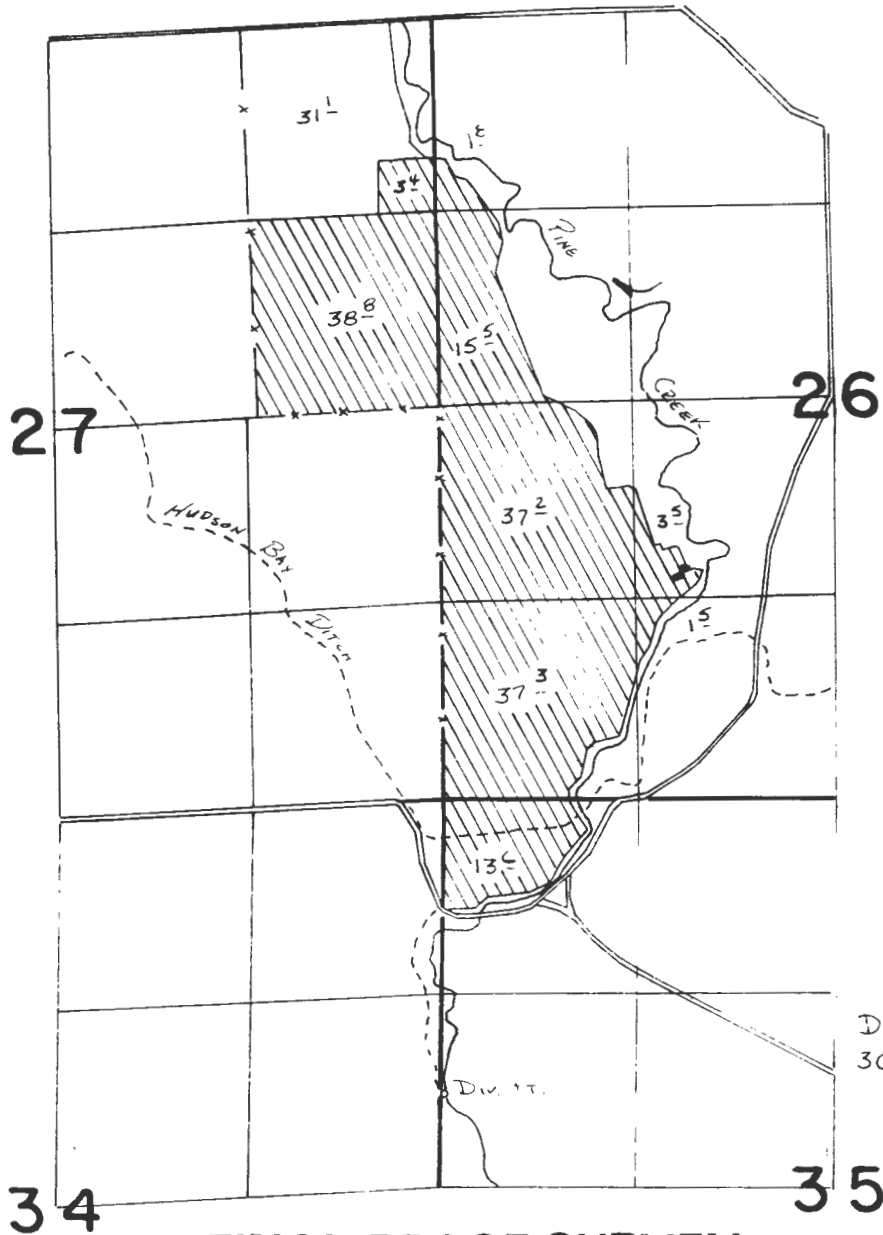
WELL	NORTH/SOUTH	EAST/WEST	¼ ¼	SECTION
No. 1:	760 FEET SOUTH	40 FEET EAST	NW¼NW¼	35
No. 2:	240 FEET NORTH	2710 FEET EAST	SW¼SE¼	26
No. 3:	400 FEET NORTH	100 FEET WEST	SE¼SE¼	27

ALL FROM THE SOUTHWEST CORNER OF SECTION 26, TOWNSHIP 6 NORTH, RANGE 34 EAST, W.M., UMATILLA COUNTY.

THE PURPOSE OF THIS MAP IS TO IDENTIFY THE LOCATION OF THE WATER RIGHT. IT IS NOT INTENDED TO PROVIDE INFORMATION RELATIVE TO THE LOCATION OF PROPERTY OWNERSHIP BOUNDARY LINES.



T. 6N., R. 34E., W. M.



SCALE: 1" = 1320'

Div. Pt. LOCATED 2000'S ±
30' E. FROM NW COR. SEC 35

FINAL PROOF SURVEY
UNDER

Application No. **60981**. Permit No. **45339**....
IN NAME OF

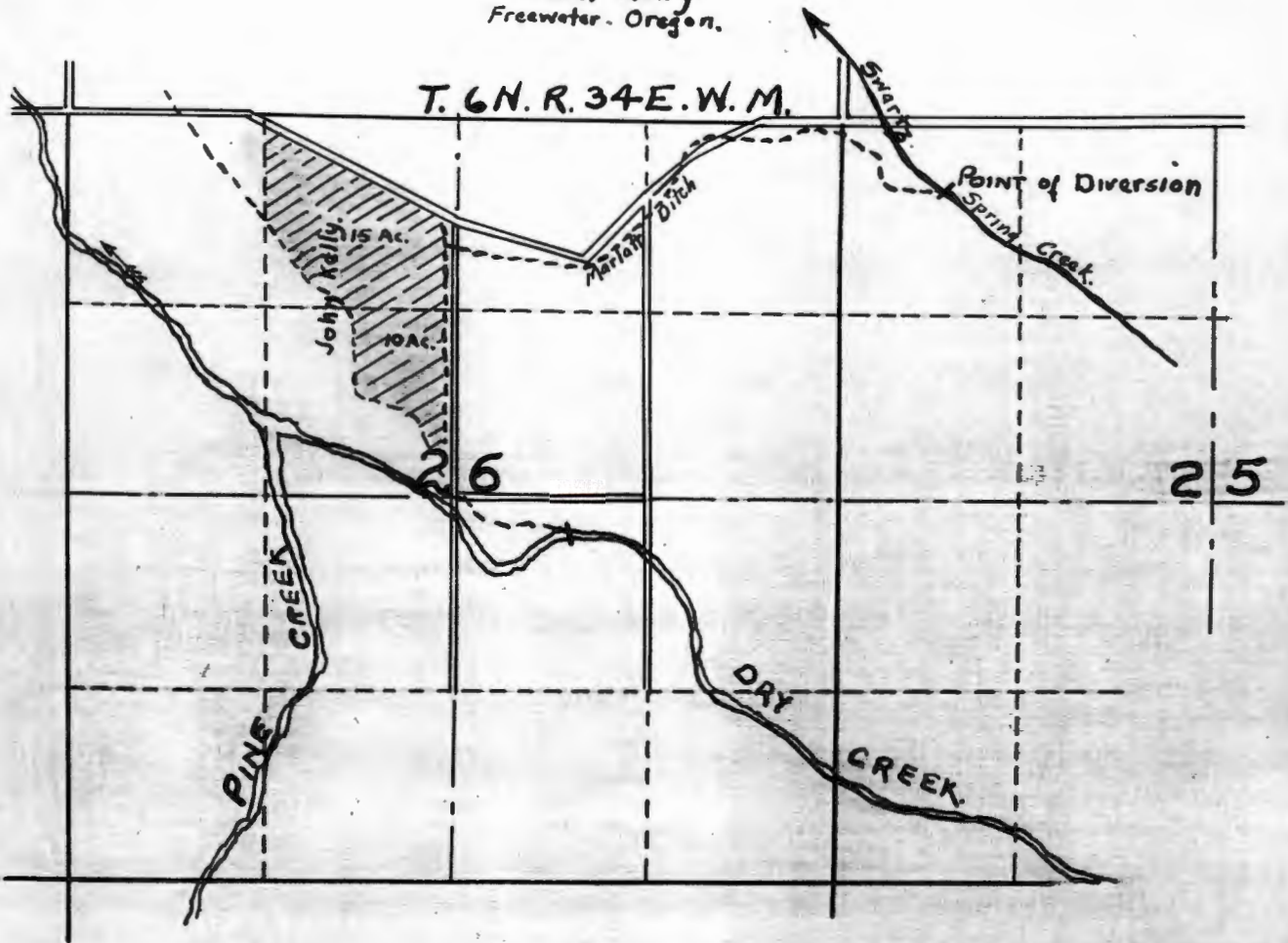
ROY & WAYNE SCOTT WALLACE

Surveyed 4-30-1985, by *K.M. Churson*.....

MAP To ACCOMPANY
WATER APPLICATION
OF

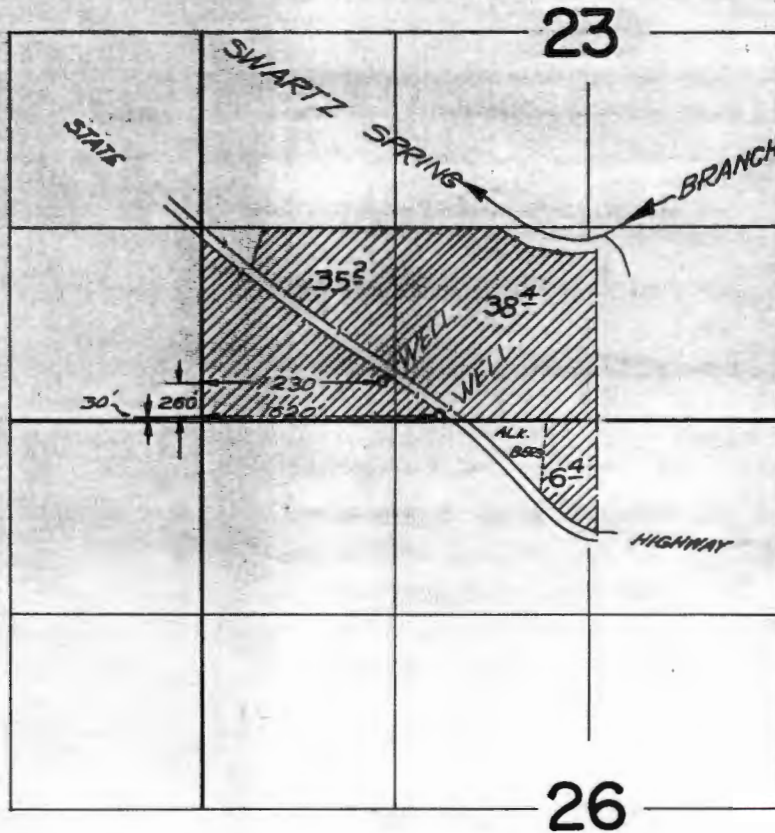
John Kelly.
Freewater, Oregon.

T. 6 N. R. 34 E. W. M.



Application No. 11868
Permit No. 1052

T.6N. R.34E.W.M.



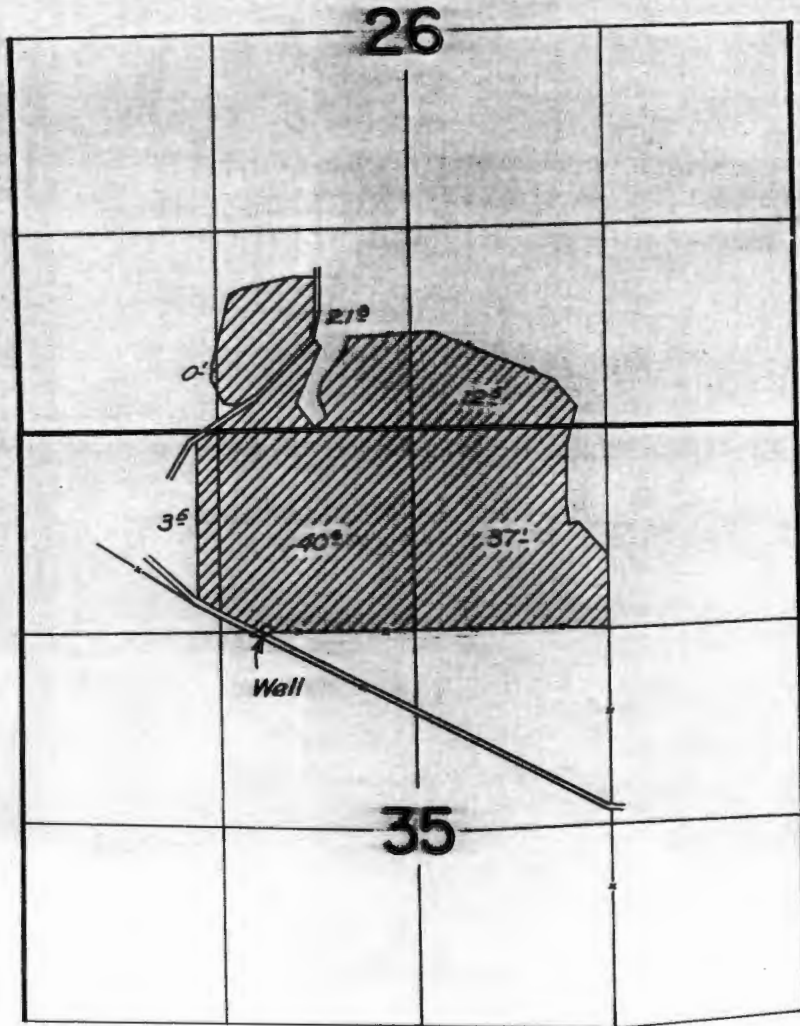
FINAL PROOF SURVEY
UNDER

G-2290 G-2583
Application No. G-2993 Permit No. G-2777
IN NAME OF

KEY BROS. INC.

Surveyed Oct. 29, 1966, by V. GARNER

T.6N.R.34E.W.M.



FINAL PROOF SURVEY
UNDER

Application No. G-520 Permit No. G-464
IN NAME OF

L. M. MARLATT

July 18 & 19, 1960 by M. Bish
Surveyed Sept. 13, 1961, by C. O. Bartels.

8283

Tp. 6 N R 34 E. W.M.

Staff of Sec. 22. N. Sec. 23.

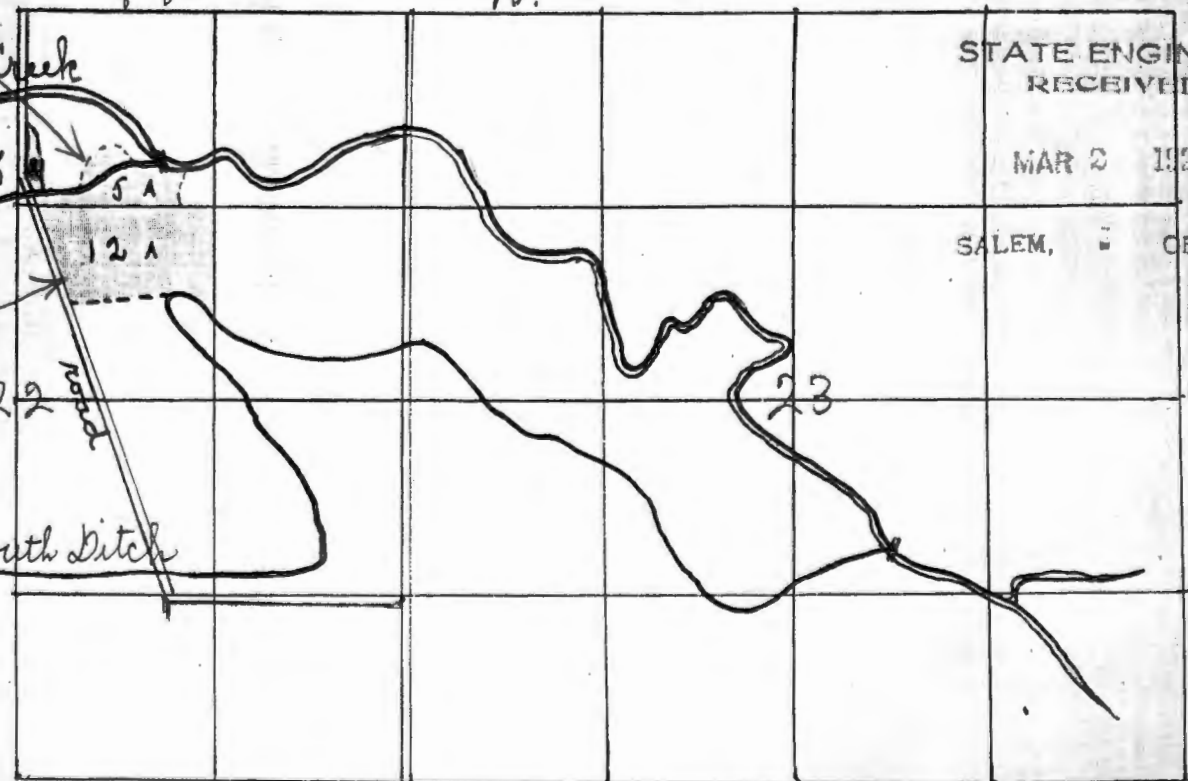
Swartz Spring Creek

Moore
good
Ditch

100

W. 22 road

South Ditch



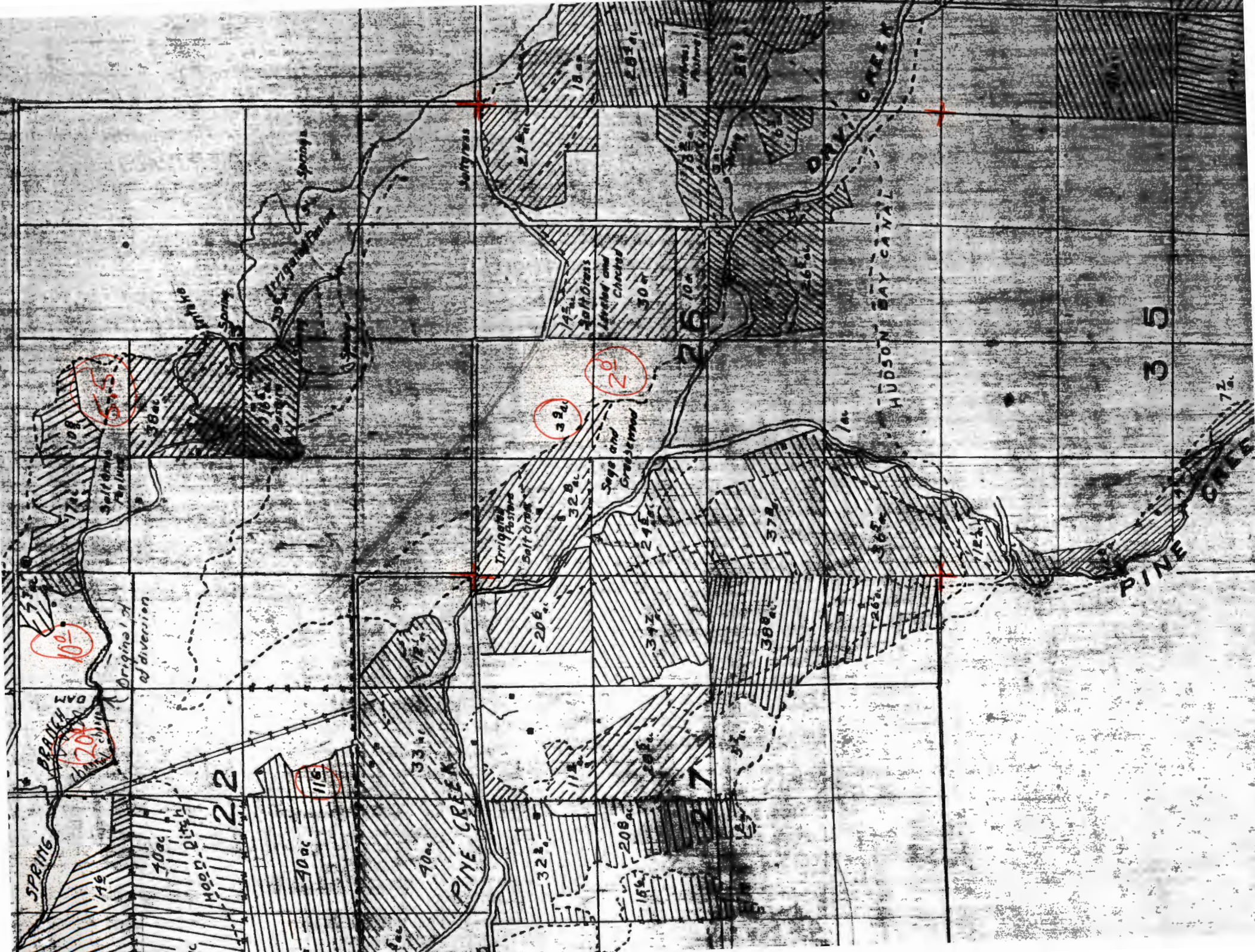
STATE ENGINEER
RECEIVED

MAR 2 1922

SALEM, OREGON

6.

S. Application No. 8283
Permit No. 5383



35

PINE CREEK

Application No. Permit No.

STATE OF WASHINGTON

IN THE SECTIONS 16,

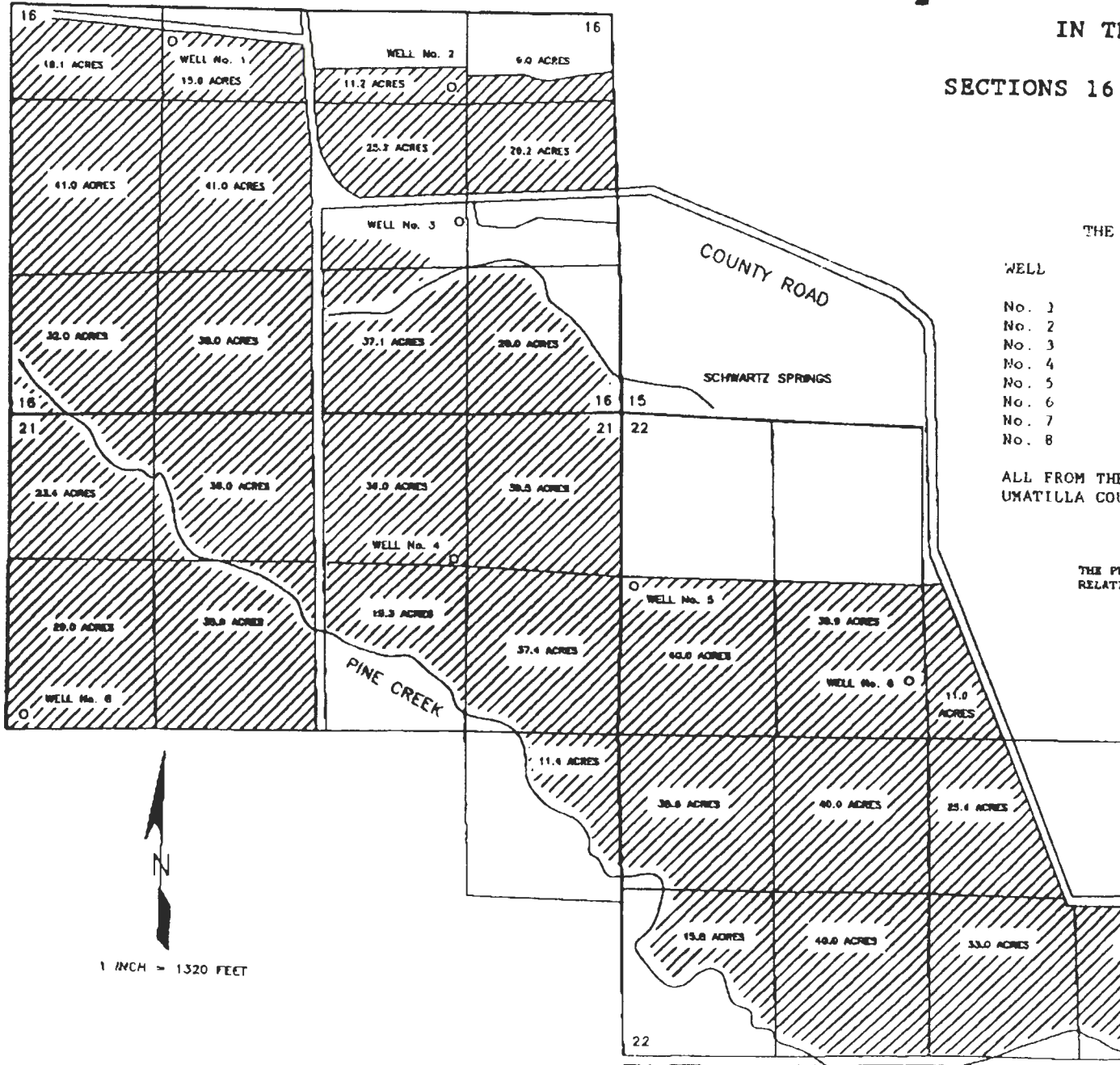
THE PU

WELL

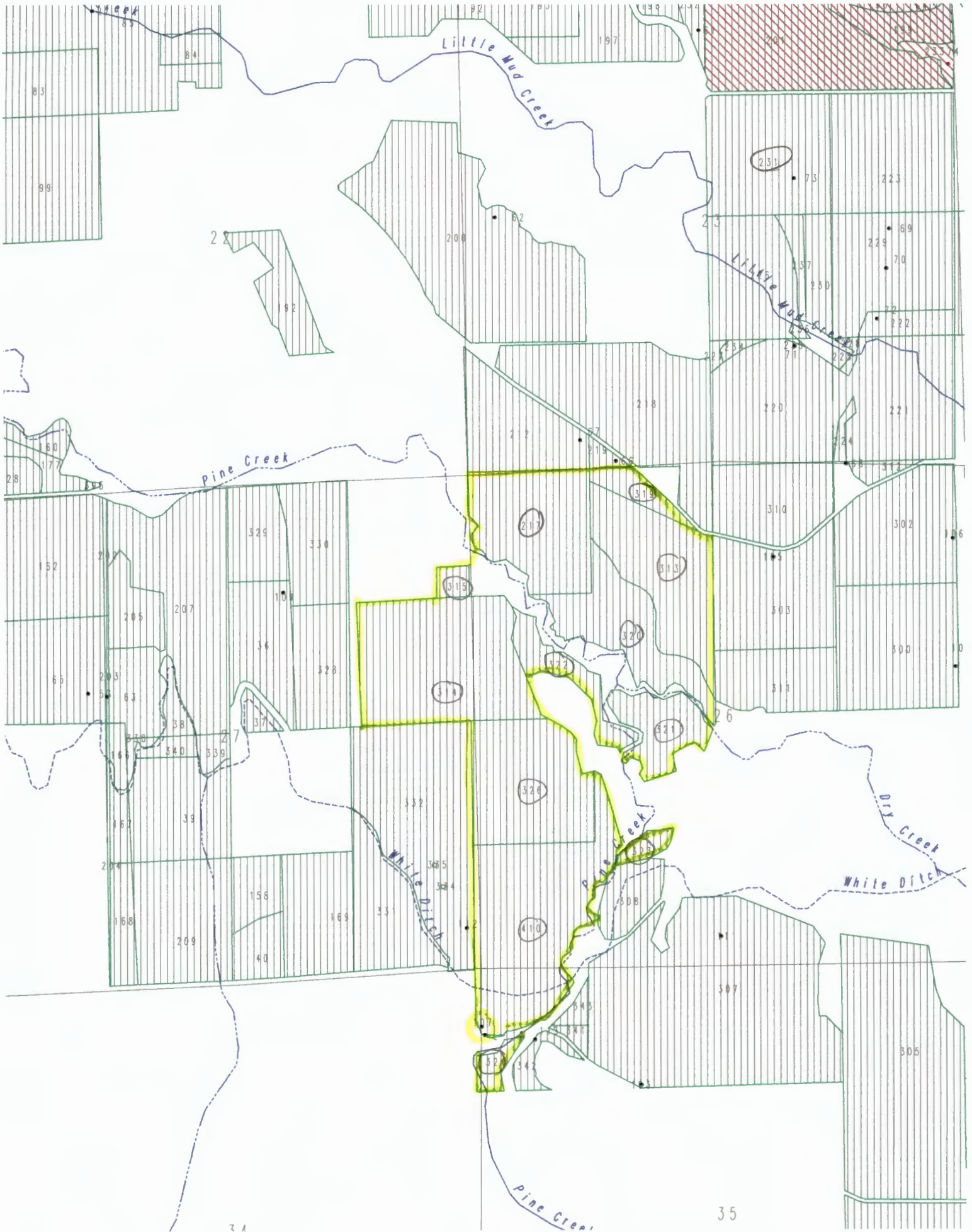
- No. 1
- No. 2
- No. 3
- No. 4
- No. 5
- No. 6
- No. 7
- No. 8

ALL FROM THE UMATILLA COUN

THE PUR RELATIV



WITHIN 1 MILE(S) OF TOWNSHIP 6 N 34 E
Section(s) 27



PLACE OF USE REPORT 6 N 34 E
Section(s) 27

TWP/RNG	POU-ID	POD-ID	APPLICATION	PERMIT	CERT #	USE
5.00N34.00E	1	2	GR	2557	GR	2416 0 IR
6.00N34.00E	28	55	S	1096	S	520 2431 IR
6.00N34.00E	28	63	G	11329	G	10560 65975 IS
6.00N34.00E	28	6	S	33492	S	26499 50402 IS
6.00N34.00E	28	7	S	33492	S	26499 50402 IS
6.00N34.00E	36	54	D	0	D	5529 45583 IR
6.00N34.00E	36	109	G	6507	G	6120 45821 IS
6.00N34.00E	36	109	G	6507	G	6120 45821 IR
6.00N34.00E	36	7	S	33492	S	26499 50402 IS
6.00N34.00E	36	6	S	33492	S	26499 50402 IS
6.00N34.00E	37	109	G	6507	G	6120 45821 IS
6.00N34.00E	37	109	G	6507	G	6120 45821 IR
6.00N34.00E	37	7	S	33492	S	26499 50402 IR
6.00N34.00E	37	6	S	33492	S	26499 50402 IR
6.00N34.00E	38	63	G	11329	G	10560 65975 IS
6.00N34.00E	38	0	D	0	D	13083 67205 I*
6.00N34.00E	38	7	S	33492	S	26499 50402 IR
6.00N34.00E	38	6	S	33492	S	26499 50402 IR
6.00N34.00E	39	63	G	11329	G	10560 65975 IS
6.00N34.00E	39	55	S	23526	S	18637 21195 IR
6.00N34.00E	39	7	S	33492	S	26499 50402 IS
6.00N34.00E	39	6	S	33492	S	26499 50402 IS
6.00N34.00E	40	55	E	131	E	9 2810 IR
6.00N34.00E	40	53	G	13637	G	12481 0 IS
6.00N34.00E	40	6	S	33492	S	26499 50402 IR
6.00N34.00E	40	7	S	33492	S	26499 50402 IR
6.00N34.00E	64	74	GR	1132	GR	0 1092 IR
6.00N34.00E	64	61	G	8472	G	7875 64240 IS
6.00N34.00E	64	17	S	16416	S	12221 12262 IR
6.00N34.00E	64	18	S	16416	S	12221 12262 IR
6.00N34.00E	64	19	S	16416	S	12221 12262 IR
6.00N34.00E	64	0	D	0	D	13083 67205 I*
6.00N34.00E	65	83	U	677	U	618 23940 IS
6.00N34.00E	65	18	S	16416	S	12221 12262 IS
6.00N34.00E	65	17	S	16416	S	12221 12262 IS
6.00N34.00E	65	19	S	16416	S	12221 12262 IS
6.00N34.00E	65	0	D	0	D	13083 67205 I*
6.00N34.00E	83	26	G	8599	G	7973 54568 IS
6.00N34.00E	83	27	G	8599	G	7973 54568 IS
6.00N34.00E	84	31	T	955	D	5520 0 I*
6.00N34.00E	84	27	G	8599	G	7973 54568 IS
6.00N34.00E	84	26	G	8599	G	7973 54568 IS
6.00N34.00E	85	26	G	8599	G	7973 54568 IR
6.00N34.00E	85	27	G	8599	G	7973 54568 IR
6.00N34.00E	86	27	T	955	D	5520 54644 I*
6.00N34.00E	86	26	G	8599	G	7973 54568 IS
6.00N34.00E	86	27	G	8599	G	7973 54568 IS
6.00N34.00E	92	27	S	1095	S	519 49819 IR
6.00N34.00E	92	61	G	8472	G	7875 64240 IS

PLACE OF USE REPORT 6 N 34 E
Section(s) 27

TWP/RNG	POU-ID	POD-ID	APPLICATION	PERMIT	CERT #	USE	
6.00N34.00E	96	30	T	3606	D	5527	60846 IR
6.00N34.00E	96	32	G	7964	G	8039	60571 IS
6.00N34.00E	98	52	T	3610	D	5519	60847 IR
6.00N34.00E	98	32	G	7964	G	8039	60571 IS
6.00N34.00E	99	32	G	7964	G	8039	60571 IS
6.00N34.00E	102	30	T	2228	D	5527	45581 IR
6.00N34.00E	102	32	G	7964	G	8039	60571 IS
6.00N34.00E	134	53	G	13637	G	12481	0 IS
6.00N34.00E	134	0	D	0	D	13083	67205 I*
6.00N34.00E	134	7	S	20648	S	16218	27021 IR
6.00N34.00E	134	6	S	20648	S	16218	27021 IR
6.00N34.00E	155	49	G	7223	G	6642	66553 IR
6.00N34.00E	156	49	G	7223	G	6642	66553 IR
6.00N34.00E	158	55	E	131	E	9	2810 IR
6.00N34.00E	158	53	G	13637	G	12481	0 IS
6.00N34.00E	158	7	S	33492	S	26499	50402 IS
6.00N34.00E	158	6	S	33492	S	26499	50402 IS
6.00N34.00E	159	55	S	1096	S	520	2431 IR
6.00N34.00E	159	53	G	13637	G	12481	0 IS
6.00N34.00E	159	0	D	0	D	13083	67205 I*
6.00N34.00E	160	63	G	11329	G	10560	65975 IR
6.00N34.00E	160	53	G	13637	G	12481	0 IS
6.00N34.00E	161	53	G	13637	G	12481	0 IS
6.00N34.00E	161	0	D	0	D	13083	67205 I*
6.00N34.00E	162	53	G	13637	G	12481	0 IS
6.00N34.00E	162	0	D	0	D	13083	67205 I*
6.00N34.00E	162	6	S	20648	S	16218	27021 IR
6.00N34.00E	162	7	S	20648	S	16218	27021 IR
6.00N34.00E	163	53	G	13637	G	12481	0 IS
6.00N34.00E	163	0	D	0	D	13083	67205 I*
6.00N34.00E	163	6	S	20648	S	16218	27021 IR
6.00N34.00E	163	7	S	20648	S	16218	27021 IR
6.00N34.00E	164	53	G	13637	G	12481	0 IS
6.00N34.00E	164	0	D	0	D	13083	67205 I*
6.00N34.00E	165	53	G	13637	G	12481	0 IS
6.00N34.00E	165	0	D	0	D	13083	67205 I*
6.00N34.00E	166	55	D	0	D	5533	5533 IR
6.00N34.00E	166	63	G	11329	G	10560	65975 IS
6.00N34.00E	166	53	G	13637	G	12481	0 IS
6.00N34.00E	166	0	D	0	D	13083	67205 I*
6.00N34.00E	167	63	G	11329	G	10560	65975 IS
6.00N34.00E	167	53	G	13637	G	12481	0 IS
6.00N34.00E	167	0	D	0	D	13083	67205 I*
6.00N34.00E	167	55	S	23526	S	18637	21195 IR
6.00N34.00E	167	7	S	33492	S	26499	50402 IS
6.00N34.00E	167	6	S	33492	S	26499	50402 IS
6.00N34.00E	168	63	G	11329	G	10560	65975 IS
6.00N34.00E	168	53	G	13637	G	12481	0 IS
6.00N34.00E	168	55	S	23526	S	18637	21195 IR
6.00N34.00E	169	55	E	131	E	9	2810 IR

PLACE OF USE REPORT 6 N 34 E
 Section(s) 27

TWP/RNG	POU-ID	POD-ID	APPLICATION	PERMIT	CERT #	USE		
6.00N34.00E	169	53	G	13637	G	12481	0	IS
6.00N34.00E	171	59	U	484	U	452	42976	IS
6.00N34.00E	171	7	S	20648	S	16218	27021	IR
6.00N34.00E	171	6	S	20648	S	16218	27021	IR
6.00N34.00E	177	55	S	1096	S	520	2431	IR
6.00N34.00E	177	63	G	11329	G	10560	65975	IS
6.00N34.00E	179	55	S	1096	S	520	2431	IR
6.00N34.00E	179	53	G	13637	G	12481	0	IS
6.00N34.00E	179	0	D	0	D	13083	67205	I*
6.00N34.00E	179	0	S	57959	S	43973	0	IS
6.00N34.00E	180	55	S	1096	S	520	2431	IR
6.00N34.00E	180	53	G	13637	G	12481	0	IS
6.00N34.00E	180	0	D	0	D	13083	67205	I*
6.00N34.00E	180	0	S	57959	S	43973	0	IS
6.00N34.00E	181	55	S	1096	S	520	2431	IR
6.00N34.00E	181	53	G	13637	G	12481	0	IS
6.00N34.00E	181	0	D	0	D	13083	67205	I*
6.00N34.00E	186	59	U	484	U	452	42976	IS
6.00N34.00E	186	0	D	0	D	13083	67205	I*
6.00N34.00E	186	6	S	20648	S	16218	27021	IR
6.00N34.00E	186	7	S	20648	S	16218	27021	IR
6.00N34.00E	187	59	U	484	U	452	42976	IR
6.00N34.00E	187	0	S	57959	S	43973	0	IS
6.00N34.00E	192	39	U	375	U	340	27726	IS
6.00N34.00E	192	75	S	8620	S	5673	5150	IR
6.00N34.00E	192	54	S	39943	S	29779	39091	IS
6.00N34.00E	192	58	S	55009	S	41319	0	IS
6.00N34.00E	192	57	S	55009	S	41319	0	IS
6.00N34.00E	192	54	S	55009	S	41319	0	IS
6.00N34.00E	195	27	S	1095	S	519	49819	IR
6.00N34.00E	195	61	G	8472	G	7875	64240	IS
6.00N34.00E	196	74	GR	1132	GR	0	1092	IR
6.00N34.00E	196	61	G	8472	G	7875	64240	IR
6.00N34.00E	196	17	S	16416	S	12221	12262	IR
6.00N34.00E	196	18	S	16416	S	12221	12262	IR
6.00N34.00E	196	19	S	16416	S	12221	12262	IR
6.00N34.00E	196	0	D	0	D	13083	67205	I*
6.00N34.00E	197	61	G	8472	G	7875	64240	IR
6.00N34.00E	198	61	G	8472	G	7875	64240	IR
6.00N34.00E	199	74	GR	1132	GR	0	1092	IR
6.00N34.00E	199	61	G	8472	G	7875	64240	IR
6.00N34.00E	200	62	G	8472	G	7875	64240	IR
6.00N34.00E	201	74	GR	1132	GR	0	1092	IR
6.00N34.00E	201	61	G	8472	G	7875	64240	IS
6.00N34.00E	201	0	D	0	D	13083	67205	I*
6.00N34.00E	202	63	G	11329	G	10560	65975	IR
6.00N34.00E	202	53	G	13637	G	12481	0	IS
6.00N34.00E	202	0	D	0	D	13083	67205	I*
6.00N34.00E	203	63	G	11329	G	10560	65975	IR
6.00N34.00E	203	53	G	13637	G	12481	0	IS

PLACE OF USE REPORT 6 N 34 E
Section(s) 27

TWP/RNG	POU-ID	POD-ID	APPLICATION	PERMIT	CERT #	USE	
6.00N34.00E	203	0	D	0	D	13083	67205 I*
6.00N34.00E	204	63	G	11329	G	10560	65975 IR
6.00N34.00E	205	63	G	11329	G	10560	65975 IR
6.00N34.00E	206	27	S	1095	S	519	49819 IR
6.00N34.00E	206	63	G	11329	G	10560	65975 IR
6.00N34.00E	207	55	S	61	S	24	1013 ID
6.00N34.00E	207	55	D	0	D	5533	5533 IR
6.00N34.00E	207	63	G	11329	G	10560	65975 IS
6.00N34.00E	207	0	D	0	D	13083	67205 I*
6.00N34.00E	209	63	G	11329	G	10560	65975 IS
6.00N34.00E	209	55	S	23526	S	18637	21195 IR
6.00N34.00E	212	66	G	2290	G	2583	36131 IR
6.00N34.00E	212	66	G	2290	G	2583	36131 IS
6.00N34.00E	212	67	G	2983	G	2777	36132 IS
6.00N34.00E	212	60	D	0	D	5532	5532 IR
6.00N34.00E	217	107	U	<u>294</u>	U	269	30636 IS
6.00N34.00E	217	107	U	<u>294</u>	U	269	30636 IR
6.00N34.00E	217	60	D	0	D	5532	5532 IR
6.00N34.00E	218	66	G	2290	G	2583	36131 IR
6.00N34.00E	218	67	G	2983	G	2777	36132 IS
6.00N34.00E	219	66	G	2290	G	2583	36131 IR
6.00N34.00E	219	67	G	2983	G	2777	36132 IS
6.00N34.00E	220	68	G	3059	G	2872	38848 IS
6.00N34.00E	220	68	G	3059	G	2872	38848 IR
6.00N34.00E	221	68	G	3059	G	2872	38848 IR
6.00N34.00E	221	70	G	5002	G	4720	40814 IS
6.00N34.00E	221	69	G	5002	G	4720	40814 IS
6.00N34.00E	221	72	G	5811	G	5019	45083 IS
6.00N34.00E	221	71	G	5811	G	5019	45083 IS
6.00N34.00E	222	68	G	3059	G	2872	38848 IR
6.00N34.00E	222	69	G	5002	G	4720	40814 IS
6.00N34.00E	222	69	G	5002	G	4720	40814 IR
6.00N34.00E	222	70	G	5002	G	4720	40814 IR
6.00N34.00E	222	70	G	5002	G	4720	40814 IS
6.00N34.00E	222	71	G	5811	G	5019	45083 IS
6.00N34.00E	222	72	G	5811	G	5019	45083 IS
6.00N34.00E	223	70	G	5002	G	4720	40814 IR
6.00N34.00E	223	69	G	5002	G	4720	40814 IR
6.00N34.00E	223	71	G	5811	G	5019	45083 IS
6.00N34.00E	223	72	G	5811	G	5019	45083 IS
6.00N34.00E	223	73	G	6607	G	9939	63676 IS
6.00N34.00E	224	69	G	5002	G	4720	40814 IR
6.00N34.00E	224	70	G	5002	G	4720	40814 IR
6.00N34.00E	224	72	G	5811	G	5019	45083 IS
6.00N34.00E	224	71	G	5811	G	5019	45083 IS
6.00N34.00E	225	69	G	5002	G	4720	40814 IR
6.00N34.00E	225	70	G	5002	G	4720	40814 IR
6.00N34.00E	226	75	S	4561	S	2739	2451 IR
6.00N34.00E	226	72	G	5811	G	5019	45083 IS
6.00N34.00E	226	71	G	5811	G	5019	45083 IS

PLACE OF USE REPORT 6 N 34 E
Section(s) 27

TWP/RNG	POU-ID	POD-ID	APPLICATION	PERMIT	CERT #	USE		
6.00N34.00E	227	75	S	4561	S	2739	2451	IR
6.00N34.00E	227	72	G	5811	G	5019	45083	IR
6.00N34.00E	227	71	G	5811	G	5019	45083	IR
6.00N34.00E	228	70	G	5002	G	4720	40814	IR
6.00N34.00E	228	69	G	5002	G	4720	40814	IR
6.00N34.00E	228	72	G	5811	G	5019	45083	IS
6.00N34.00E	228	71	G	5811	G	5019	45083	IR
6.00N34.00E	228	71	G	5811	G	5019	45083	IS
6.00N34.00E	229	70	G	5002	G	4720	40814	IR
6.00N34.00E	229	69	G	5002	G	4720	40814	IR
6.00N34.00E	229	71	G	5811	G	5019	45083	IS
6.00N34.00E	229	72	G	5811	G	5019	45083	IS
6.00N34.00E	230	72	G	5811	G	5019	45083	IR
6.00N34.00E	230	71	G	5811	G	5019	45083	IR
6.00N34.00E	230	73	G	6607	G	9939	63676	IS
6.00N34.00E	231	107	U	294	U	269	30636	IS
6.00N34.00E	231	73	G	6607	G	9939	63676	IR
6.00N34.00E	232	61	G	8472	G	7875	64240	IS
6.00N34.00E	232	0	D	0	D	13083	67205	I*
6.00N34.00E	233	74	GR	1132	GR	0	1092	IR
6.00N34.00E	234	75	S	4561	S	2739	2451	IR
6.00N34.00E	234	68	G	3059	G	2872	38848	IS
6.00N34.00E	234	72	G	5811	G	5019	45083	IR
6.00N34.00E	235	71	G	5811	G	5019	45083	IR
6.00N34.00E	235	71	G	5811	G	5019	45083	IS
6.00N34.00E	235	72	G	5811	G	5019	45083	IR
6.00N34.00E	235	72	G	5811	G	5019	45083	IS
6.00N34.00E	236	75	S	4561	S	2739	2451	IR
6.00N34.00E	236	71	G	5811	G	5019	45083	IS
6.00N34.00E	236	72	G	5811	G	5019	45083	IS
6.00N34.00E	237	71	G	5811	G	5019	45083	IR
6.00N34.00E	237	72	G	5811	G	5019	45083	IR
6.00N34.00E	253	84	G	5658	G	5485	48482	IS
6.00N34.00E	253	85	G	9977	G	9109	62480	IS
6.00N34.00E	253	0	D	0	D	13083	67205	I*
6.00N34.00E	300	104	G	788	G	705	28962	IR
6.00N34.00E	300	101	T	6035	D	5514	72188	IR
6.00N34.00E	302	106	G	2586	G	2437	38841	IS
6.00N34.00E	302	90	D	0	D	5523	5523	IR
6.00N34.00E	303	105	G	2293	G	2115	32697	IS
6.00N34.00E	303	105	G	2293	G	2115	32697	IR
6.00N34.00E	303	90	D	0	D	5530	32156	IR
6.00N34.00E	305	102	G	178	G	322	30637	IR
6.00N34.00E	306	102	G	178	G	322	30637	IR
6.00N34.00E	307	103	G	520	G	464	30638	IR
6.00N34.00E	308	103	G	520	G	464	30638	IR
6.00N34.00E	310	105	G	2293	G	2115	32697	IS
6.00N34.00E	310	105	G	2293	G	2115	32697	IR
6.00N34.00E	311	105	G	2293	G	2115	32697	IS
6.00N34.00E	311	105	G	2293	G	2115	32697	IR

PLACE OF USE REPORT 6 N 34 E
Section(s) 27

TWP/RNG	POU-ID	POD-ID	APPLICATION	PERMIT	CERT #	USE		
6.00N34.00E	312	106	G	2586	G	2437	38841	IR
6.00N34.00E	313	107	U	294	U	269	30636	IS
6.00N34.00E	313	107	U	294	U	269	30636	IR
6.00N34.00E	313	101	S	11868	S	8252	7967	IR
6.00N34.00E	314	107	U	294	U	269	30636	IR
6.00N34.00E	314	107	U	294	U	269	30636	IS
6.00N34.00E	314	55	S	60981	S	45339	66888	IR
6.00N34.00E	315	107	U	294	U	269	30636	IS
6.00N34.00E	315	55	D	0	D	5532	5532	IR
6.00N34.00E	315	55	S	60981	S	45339	66888	IR
6.00N34.00E	319	107	U	294	U	269	30636	IR
6.00N34.00E	319	107	U	294	U	269	30636	IS
6.00N34.00E	320	107	U	294	U	269	30636	IS
6.00N34.00E	320	107	U	294	U	269	30636	IR
6.00N34.00E	321	107	U	294	U	269	30636	IR
6.00N34.00E	321	107	U	294	U	269	30636	IS
6.00N34.00E	322	107	U	294	U	269	30636	IS
6.00N34.00E	322	107	U	294	U	269	30636	IR
6.00N34.00E	323	107	U	294	U	269	30636	IR
6.00N34.00E	324	107	U	294	U	269	30636	IR
6.00N34.00E	326	107	U	294	U	269	30636	IS
6.00N34.00E	326	55	S	60981	S	45339	66888	IR
6.00N34.00E	328	54	D	0	D	5529	45583	IR
6.00N34.00E	328	109	G	6507	G	6120	45821	IR
6.00N34.00E	328	109	G	6507	G	6120	45821	IS
6.00N34.00E	329	54	D	0	D	5529	45583	IR
6.00N34.00E	329	109	G	6507	G	6120	45821	IS
6.00N34.00E	329	109	G	6507	G	6120	45821	IR
6.00N34.00E	330	108	T	3871	D	5529	58939	IR
6.00N34.00E	330	109	G	6507	G	6120	45821	IS
6.00N34.00E	330	109	G	6507	G	6120	45821	IR
6.00N34.00E	331	55	E	131	E	9	2810	IR
6.00N34.00E	331	53	G	13637	G	12481	0	IS
6.00N34.00E	332	55	E	131	E	9	2810	IR
6.00N34.00E	332	55	D	0	D	5541	5541	IR
6.00N34.00E	332	110	G	13637	G	12481	0	IS
6.00N34.00E	332	111	G	13637	G	12481	0	IS
6.00N34.00E	332	112	G	13637	G	12481	0	IS
6.00N34.00E	334	55	E	131	E	9	2810	IR
6.00N34.00E	334	110	G	13637	G	12481	0	IS
6.00N34.00E	334	112	G	13637	G	12481	0	IS
6.00N34.00E	334	111	G	13637	G	12481	0	IS
6.00N34.00E	335	55	E	131	E	9	2810	IR
6.00N34.00E	335	110	G	13637	G	12481	0	IS
6.00N34.00E	335	112	G	13637	G	12481	0	IS
6.00N34.00E	335	111	G	13637	G	12481	0	IS
6.00N34.00E	338	55	D	0	D	5533	5533	IR
6.00N34.00E	338	63	G	11329	G	10560	65975	IS
6.00N34.00E	339	55	D	0	D	5533	5533	IR
6.00N34.00E	339	63	G	11329	G	10560	65975	IS

PLACE OF USE REPORT 6 N 34 E
Section(s) 27

TWP/RNG	POU-ID	POD-ID	APPLICATION	PERMIT	CERT #	USE	
6.00N34.00E	340	63	G	11329	G	10560	65975 IS
6.00N34.00E	340	6	S	33492	S	26499	50402 IR
6.00N34.00E	340	7	S	33492	S	26499	50402 IR
6.00N34.00E	341	113	G	12622	G	12210	0 IR
6.00N34.00E	342	113	G	12622	G	12210	0 IR
6.00N34.00E	343	113	G	12622	G	12210	0 IS
6.00N34.00E	357	116	U	636	U	673	22902 IR
6.00N34.00E	357	115	S	3471	S	1938	3206 IR
6.00N34.00E	371	53	G	13637	G	12481	0 IS
6.00N34.00E	371	0	D	0	D	13083	67205 I*
6.00N34.00E	371	0	S	57959	S	43973	0 IR
6.00N34.00E	372	59	U	484	U	452	42976 IR
6.00N34.00E	372	0	S	57959	S	43973	0 IR
6.00N34.00E	372	0	S	57959	S	43973	0 IS
6.00N34.00E	373	53	G	13637	G	12481	0 IS
6.00N34.00E	373	0	D	0	D	13083	67205 I*
6.00N34.00E	373	0	S	57959	S	43973	0 IS
6.00N34.00E	374	55	S	1096	S	520	2431 IR
6.00N34.00E	374	53	G	13637	G	12481	0 IS
6.00N34.00E	374	0	D	0	D	13083	67205 I*
6.00N34.00E	374	0	S	57959	S	43973	0 IS
6.00N34.00E	395	63	G	11329	G	10560	65975 IR
6.00N34.00E	410	107	U	294	U	269	30636 IR

POINT OF DIVERSION REPORT 6 N 34 E
Section(s) 27

TWP/RNG	POD-ID	APPLICATI	PERMIT	CERT #	USE	RATE (Cfs/Gpm)	PRIORITY DATE
5.00N34.00E	2 GR	2557 GR	2416	0	IR	300.0000 G	12/31/1903
6.00N34.00E	27 T	955 D	5520	54644	I*	0.0000	12/31/1880
6.00N34.00E	27 G	8599 G	7973	54568	IR	/ /	/ /
6.00N34.00E	27 G	8599 G	7973	54568	IS	/ /	/ /
6.00N34.00E	27 S	1095 S	519	49819	IR	4.3750 C	11/26/1910
6.00N34.00E	27 S	1095 S	519	49819	IR	0.2500 C	11/26/1910
6.00N34.00E	49 G	7223 G	6642	66553	IR	6.2000 C	1/14/1976
6.00N34.00E	49 G	7223 G	6642	66553	IS	6.2000 C	1/14/1976
6.00N34.00E	53 G	13637 G	12481	0	IS	5.3700 C	3/ 7/1994
6.00N34.00E	59 U	484 U	452	42976	IR	1.0000 C	3/27/1952
6.00N34.00E	59 U	484 U	452	42976	IS	1.0000 C	3/27/1952
6.00N34.00E	61 G	8472 G	7875	64240	IR	1.6000 C	9/28/1977
6.00N34.00E	61 G	8472 G	7875	64240	IS	1.6000 C	9/28/1977
6.00N34.00E	62 G	8472 G	7875	64240	IR	/ /	/ /
6.00N34.00E	63 G	11329 G	10560	65975	IR	1.8300 C	6/10/1985
6.00N34.00E	63 G	11329 G	10560	65975	IS	1.8300 C	6/10/1985
6.00N34.00E	66 G	2290 G	2583	36131	IR	0.4500 C	4/10/1962
6.00N34.00E	66 G	2290 G	2583	36131	IS	0.4500 C	4/10/1962
6.00N34.00E	67 G	2983 G	2777	36132	IS	0.4400 C	10/29/1964
6.00N34.00E	68 G	3059 G	2872	38848	IR	0.4500 C	3/26/1965
6.00N34.00E	68 G	3059 G	2872	38848	IS	0.4500 C	3/26/1965
6.00N34.00E	69 G	5002 G	4720	40814	IR	0.2900 C	9/22/1969
6.00N34.00E	69 G	5002 G	4720	40814	IS	0.2900 C	9/22/1969
6.00N34.00E	70 G	5002 G	4720	40814	IR	0.4600 C	9/22/1969
6.00N34.00E	70 G	5002 G	4720	40814	IS	0.4600 C	9/22/1969
6.00N34.00E	71 G	5811 G	5019	45083	IR	0.2200 C	5/20/1972
6.00N34.00E	71 G	5811 G	5019	45083	IS	0.2200 C	5/20/1972
6.00N34.00E	71 G	5811 G	5019	45083	IS	0.2200 C	5/20/1972
6.00N34.00E	72 G	5811 G	5019	45083	IR	0.3100 C	5/20/1972
6.00N34.00E	72 G	5811 G	5019	45083	IS	0.3100 C	5/20/1972
6.00N34.00E	72 G	5811 G	5019	45083	IR	0.3100 C	5/20/1972
6.00N34.00E	73 G	6607 G	9939	63676	IR	1.1000 C	7/23/1974
6.00N34.00E	73 G	6607 G	9939	63676	IS	1.1000 C	7/23/1974
6.00N34.00E	74 GR	1132 GR	0	1092	IR	/ /	/ /
6.00N34.00E	102 G	178 G	322	30637	IR	1.5300 C	8/15/1956
6.00N34.00E	103 G	520 G	464	30638	IR	1.3300 C	12/ 4/1956
6.00N34.00E	104 G	788 G	705	28962	IR	0.5000 C	10/17/1957
6.00N34.00E	105 G	2293 G	2115	32697	IR	0.6700 C	4/17/1962
6.00N34.00E	105 G	2293 G	2115	32697	IS	0.6700 C	4/17/1962
6.00N34.00E	106 G	2586 G	2437	38841	IR	0.4600 C	4/ 8/1963
6.00N34.00E	106 G	2586 G	2437	38841	IR	0.0300 C	4/ 8/1963
6.00N34.00E	106 G	2586 G	2437	38841	IS	0.4600 C	4/ 8/1963
6.00N34.00E	106 G	2586 G	2437	38841	IS	0.0300 C	4/ 8/1963
6.00N34.00E	107 U	<u>294</u> U	269	30636	IR	3.7900 C	3/ 7/1949
6.00N34.00E	107 U	<u>294</u> U	269	30636	IS	3.7900 C	3/ 7/1949
6.00N34.00E	109 G	6507 G	6120	45821	IR	0.7500 C	4/22/1974
6.00N34.00E	109 G	6507 G	6120	45821	IS	0.7500 C	4/22/1974
6.00N34.00E	110 G	13637 G	12481	0	IS	5.3700 C	3/ 7/1994
6.00N34.00E	111 G	13637 G	12481	0	IS	/ /	/ /

POINT OF DIVERSION REPORT 6 N 34 E
Section(s) 27

TWP/RNG	POD-ID	APPLICATI	PERMIT	CERT #	USE	RATE (Cfs/Gpm)	PRIORITY DATE
6.00N34.00E	112 G	13637 G	12481	0	IS		/ /
6.00N34.00E	113 G	12622 G	12210	0	IR	0.1000 C	7/29/1991
6.00N34.00E	113 G	12622 G	12210	0	IS	0.1000 C	7/29/1991

This report printed for request c6N34E

The map extent is for Township 6 N 34 E
Section(s) 27

The following layers are shown on the map -

- Roads
- Streams and Lakes
- Township/Range and Sections
- City boundaries and names
- Groundwater rights
- Places of Use
- Points of Diversion
- Instream water rights

The following Instream Water Rights are within the map extent:

OWRD Groundwater Management Areas

The water rights reported here have been interpreted by Department staff from Department files and are intended to represent that interpretation graphically. Locations shown on the map are only approximate and should not be used for legal, financial or real estate decisions. For more accurate legal location information, please contact the Department.

Plat Card Report for 6N 34E 22

10/19/9

Page 1 of 4

Application	Permit	Certificate	Status	DLC/ Lot	NE				NW				SW				SE							
					NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE				
12/31/85	D 5515	5515												40.000 IR	39.000 IR					11.600 IR				
12/31/85	D 5516	5516				20.000 IR																		
12/31/80	D 5519	5519	Cncl									40.000 IR cncl	40.000 IR cncl											
12/31/80	D 5519	45582											40.000 IR											
12/31/80	D 5520	5520	Cncl					20.000 I* cncl	40.000 I* cncl															
12/31/85	D 5522	5522													20.000 IR	40.000 IR					33.000 IR	30.000 IR		
12/31/85	D 5528	5528			10.000 IR																			
12/31/80	T 955	D 5520	54644					5.000 I*	20.000 I*															
11/26/10	S 1095	S 519	2435	Cncl	15.000 IR cncl										30.000 IR cncl	40.000 IR cncl								
11/26/10	S 1095	S 519	49819	Cncl	15.000 IR cncl										30.000 IR cncl	40.000 IR cncl								
11/26/10	S 1096	S 520	2431												10.000 IR									

Notes: Primary is to be assumed. (s) indicates supplemental Rights assumed non-canceled.

Type of Use >

Acres
<input type="checkbox"/> <input type="checkbox"/>
Status

 < Supplemental indicator

Plat Card Report for 6N 34E 22

10/19/9

Page 2 of 4

Application	Permit	Certificate	Status	DLC/ Lot	NE				NW				SW				SE				
					NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
T 2228	S 519	45580	Cncl'd		15.000 IR (cncl'd)											30.000 IR cncl'd	40.000 IR cncl'd				
11/26/10																					
T 2803	S 519	58742										40.000 IR									
11/26/10																					
T 7396	CS 519														15.800 IR	40.000 IR					
11/26/10																					
T 7396	S 519	74806			15.000 IR										14.200 IR						
11/26/10																					
T 7396	CS 5673						10.000 IR							40.000 IR (s)	38.600 IR (s)					12.000 IR (s)	
9/7/22																					
9/7/22																				13.400 IR	
G 7964	G 8038	60571										39.600 IR (s)									
3/29/77																					
S 8283	S 5383	6323				3.000 IR	10.000 IR														
3/2/22																					
G 8472	G 7875	64240			13.000 IR (s)			26.000 IR												14.900 IR	
9/28/77																					
G 8599	G 7973	54568							33.300 IR	20.000 IR											
1/6/78																					
1/6/78									5.000 IR (s)	20.000 IR (s)											

Notes: Primary is to be assumed. (s) indicates supplemental Rights assumed non-canceled.

Type of Use >

Acres	
Status	

 < Supplemental indicator

Plat Card Report for

6N 34E 22

10/19/9

Page 3 of 4

Application	Permit	Certificate	Status	DLC/ Lot	NE				NW				SW				SE						
					NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE			
S 8620	S 5673	5150	Cncl'd				10.000 IR cncl'd							40.000 IR (s) cncl'd	38.600 IR (s) cncl'd					13.400 IR cncl'd			
9/7/22																				12.000 IR (s) cncl'd			
S 10223	S 6760	9185																				4.000 IR	4.000 IR
6/4/25																							
G 11329	G 10560	65975														3.600 IR							
6/10/85																10.000 IR (s)							
6/10/85																							
G 13124	G 12940						11.000 IR (s)			40.000 IR (s)	38.900 IR (s)			40.000 IR (s)	38.600 IR (s)	15.800 IR (s)	40.000 IR (s)			25.400 IR (s)	33.000 IR (s)	30.000 IR (s)	
9/18/92																							
G 13637	G 12481															5.200 IR (s)							
3/7/94																							
G 13784	G 12069						1.500 IR (s)				10.000 IR (s)			20.000 IR									
8/15/94																							
G 14557	G 13425					13.000 IR (s)		26.000 IR (s)												14.900 IR (s)			
6/30/97																							
6/30/97						1.000 IR																	
G 14728						15.000 IR	10.000 IR (s)																
4/20/98																							

Notes: Primary is to be assumed. (s) indicates supplemental Rights assumed non-canceled.

Type of Use >

 < Supplemental indicator

Acres
Status

Plat Card Report for 6N 34E 22

10/19/9

Page 4 of 4

Application	Permit	Certificate	Status	DLC/ Lot	NE				NW				SW				SE					
					NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE		
G 14728 4/20/98 <i>TMS APP</i>					24.900 IR	23.000 IR (s)	15.900 IR	16.800 IR											20.700 IR	9.100 IR		
S 33492 12/8/59	S 26499	46357	Cncl'd															5.800 IR (s) cncl'd				
S 33492 12/8/59	S 26499	50402																5.800 IR (s)				
S 39943 6/10/64	S 29779	39091					1.000 IR							1.600 IR	37.800 IR (s)	15.800 IR (s)	40.000 IR (s)		25.000 IR (s)	33.000 IR (s)	30.000 IR (s)	
S 39943 6/10/64							10.000 IR (s)							40.000 IR (s)								
S 48058 3/19/71	S 36036	45440																		4.000 IR (s)	0.400 IR	
S 48058 3/19/71																				1.300 IR	4.000 IR (s)	
S 55009 12/6/76	S 41319	<i>SUPP</i>					11.000 IR (s)							41.600 IR (s)	37.800 IR (s)	15.800 IR (s)	40.000 IR (s)		25.000 IR (s)	33.000 IR (s)	30.000 IR (s)	

Notes: Primary is to be assumed. (s) indicates supplemental Rights assumed non-canceled.

Type of Use >

Acres	Status

 < Supplemental indicator

Plat Card Report for 6N 34E 23

10/19/9

Page 1 of 3

Application	Permit	Certificate	Status	DLC/ Lot	NE				NW				SW				SE			
					NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE
	D 5532	5532											NE	NW	10.000 IR					
12/31/85																				
	D 13083	67205			16.500 I*	40.000 I*			5.500 I*											
2/16/03																				
	T 958	D 13083	52576	Cncl	16.500 I*	40.000 I*			5.500 I*											
2/16/03					cncld	cncld			cncld											
	S 1095	S 519	2435	Cncl						20.000 IR										
11/26/10										cncld										
	S 1095	S 519	49819	Cncl						20.000 IR										
11/26/10										cncld										
	GR 1132	GR 1092			40.000 IR	40.000 IR														
12/31/16																				
	T 1277	D 13083	13083	Cncl	16.500 I*	40.000 I*			5.500 I*											
2/16/03					cncld	cncld			cncld											
	T 2228	S 519	45580	Cncl						20.000 IR										
11/26/10										cncld										
	G 2290	G 2583	36131											25.200 IR	38.400 IR					
4/10/62																				
														10.000 IR (s)						
4/10/62																				
	G 2983	G 2777	36132											35.200 IR (s)	38.400 IR (s)					
10/29/64																				

Notes: Primary is to be assumed. (s) indicates supplemental Rights assumed non-canceled.

Type of Use >

Acres
<input type="checkbox"/> <input type="checkbox"/>
Status

 < Supplemental indicator

Plat Card Report for 6N 34E 23

10/19/9

Page 2 of 3

Application	Permit	Certificate	Status	DLC/ Lot	NE				NW				SW				SE			
					NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE
G 3059	G 2872	38848							NE	NW	SW	SE	NE	NW	SW	SE			9.000	
3/26/65																	4.800		29.400	36.800
3/26/65																	IR		IR	IR
S 4561	S 2739	2451																26.000	9.000	
10/14/15																	IR	IR		
G 5002	G 4720	40814															4.800			36.800
9/22/69																	IR (s)			IR (s)
9/22/69							40.000										35.200			3.200
							IR										IR			IR
G 5811	G 5019	45083																26.000	38.400	40.000
5/30/72																	IR (s)	IR (s)	IR (s)	IR (s)
5/30/72							40.000										40.000	13.500	1.600	0.100
							IR (s)										IR (s)	IR	IR	IR
G 5957	G 5654		Cncl'd														2.400	0.700		
12/15/72																	IR	IR		
																	cncl'd	cncl'd		
G 6607	G 9939	63676					40.000	40.000										9.000		
7/23/74							IR	IR (s)										IR (s)		
T 7396	S 519	74806									20.000									
11/26/10											IR									
S 8276	S 5937	7199															19.000			
2/20/22																	IR			

Notes: Primary is to be assumed. (s) indicates supplemental Rights assumed non-canceled.

Type of Use >

Acres	Status
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 < Supplemental indicator

Application	Permit	Certificate	Status	DLC/ Lot	NE				NW				SW				SE				
					NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
	D 5514	5514	Cncl															3.400	24.000		1.000
12/31/95																		IR cncl	IR cncl		IR cncl
12/31/96							40.000											10.000	2.000		
	D 5521	5521	Cncl																		
12/31/61										24.500								7.000	37.800	36.500	
										IR cncl							IR cncl	IR cncl	IR cncl		
12/31/96	D 5523	5523			37.000																
					IR																
12/31/96	D 5530	5530	Cncl			7.000	20.000														
						IR cncl	IR cncl														
12/31/06						7.000	20.000														
						IR (s) cncl	IR (s) cncl														
12/31/96	D 5530	32156				7.000	20.000														
						IR	IR														
12/31/85	D 5532	5532							3.900	32.800		2.000									
									IR	IR		IR									
12/31/61										3.000											
										IR											
2/16/03	D 13083	67205															3.000	12.500		4.500	
																	I*	I*		I*	
8/15/56	G 178	G 322	30637																		5.800
																					IR

Notes: Primary is to be assumed. (s) indicates supplemental Rights assumed non-canceled.

Type of Use >

Acres	Status
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 < Supplemental indicator

Plat Card Report for 6N 34E 26

10/19/9

Page 2 of 3

Application	Permit	Certificate	Status	DLC/ Lot	NE				NW ^{NW}				SW ^{SW}				SE				
					NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
U 294	U 269	30636							18.900 IR (s)	3.800 IR	4.700 IR	12.000 IR (s)	8.200 IR	36.800 IR (s)	36.500 IR (s)	3.400 IR					
3/7/49 FILE A N ¹ -									14.300 IR	35.800 IR (s)	24.500 IR (s)	20.900 IR	7.000 IR (s)		0.500 IR						
3/7/49																					
G 520	G 464	30638													0.100 IR	21.800 IR			12.500 IR		
12/4/56																					
G 788	G 705	28962					40.000 IR (s)														
10/17/57																					
T 958	D 13083	52576	Cncl														3.000 I* cncl	12.500 I* cncl		4.500 I* cncl	
2/16/03																					
T 1277	D 13083	13083	Cncl														3.000 I* cncl	12.500 I* cncl		4.500 I* cncl	
2/16/03																					
G 2290	G 2583	36131						6.400 IR													
4/10/62																					
G 2293	G 2115	32697							7.000 IR (s)	20.000 IR (s)											
4/17/62																					
									33.400 IR	17.600 IR											
4/17/62																					
G 2586	G 2437	38841						1.800 IR													
4/8/63																					
									37.000 IR (s)												
4/8/63																					

Notes: Primary is to be assumed. (s) indicates supplemental Rights assumed non-canceled.

Type of Use >

Acres	Status
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 < Supplemental indicator

Plat Card Report for 6N 34E 26

10/19/9

Application	Permit	Certificate	Status	DLC/ Lot	NE				NW				SW				SE														
					NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE											
G 2983	G 2777	36132	APP						6.400 IR (s)																						
T 6035	D 5514	58942																			3.400 IR	24.000 IR		1.000 IR							
T 6035	D 5514	72188					40.000 IR													10.000 IR	2.000 IR										
S 11868	S 8252	7967						15.000 IR						10.000 IR																	
G 19728								1.600 IR		4.800 IR	32.900 IR (s)	18.700 IR (s)	4.500 IR	1.000 IR	11.800 IR								12.500 IR (s)								
								39.600 IR (s)	39.600 IR (s)	29.200 IR (s)	2.200 IR	7.400 IR	37.200 IR (s)	37.100 IR (s)	25.200 IR (s)								27.500 IR								
S 60981	S 45330	66888							1.800 IR	15.500 IR		3.500 IR	37.200 IR	37.300 IR	1.500 IR																

Notes: Primary is to be assumed. (s) indicates supplemental Rights assumed non-canceled.

Type of Use >

Acres
Status

 < Supplemental indicator

Plat Card Report for 6N 34E 27

10/19/9

Page 1 of 3

Application	Permit	Certificate	Status	DLC/ Lot	NE				NW				SW				SE			
					NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE
	D 5521	5521	Cncl					34.700 IR cncl												
12/31/61																				
	D 5529	5529	Cncl			35.000 IR cncl	35.000 IR cncl													
12/31/00																				
	D 5529	45583				20.000 IR	35.000 IR													
12/31/00																				
	D 5532	5532			2.000 IR															
12/31/85																				
					38.000 IR															
12/31/61																				
	D 5533	5533							32.200 IR				36.400 IR	3.000 IR						
12/31/03																				
	D 5541	5541														20.000 IR				10.000 IR
12/31/61																				
	D 13083	67205							32.000 I*	32.000 I*	34.000 I*	32.000 I*	5.000 I*							
2/16/03																				
	S 61	S 24	1013						35.000 ID				35.000 ID							
5/3/09																				
	E 131	E 9	2810													40.000 IR	38.000 IR	32.000 IR	35.000 IR	
6/7/09																				
	U 294	U 269	30636					34.700 IR (s)												
3/7/49																				

Notes: Primary is to be assumed. (s) indicates supplemental Rights assumed non-canceled.

Type of Use >

Acres	Status
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 < Supplemental indicator

Plat Card Report for 6N 34E 27

10/19/9

Page 3 of 3

Application	Permit	Certificate	Status	DLC/ Lot	NE				NW				SW				SE								
					NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE					
S 20648	S 16218	27021									7.000														
				3/27/45																					
S 23526	S 18637	21195														35.000				40.000					
				11/15/48																					
S 33492	S 26499	46357	Cncl'd				15.900									35.000								8.000	
				12/8/59																					
						5.100	4.000						5.700			3.200							8.200	7.800	
				12/8/59																					
S 33492	S 26499	50402					15.900									3.200								8.000	
				12/8/59																					
						5.100	4.000					5.700			35.000							8.200	7.800		
				12/8/59																					
S 57959	S 43973					15.000	20.000																		
				9/28/78																					
S 60981	S 45339	66888			3.400																				
				11/10/80																					

Notes: Primary is to be assumed. (s) indicates supplemental Rights assumed non-canceled.

Type of Use >

Acres	
Status	

 < Supplemental indicator

Application	Permit	Certificate	Status	DLC/ Lot	NE				NW				SW				SE							
					NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE				
T 6241	CG 9865									0.400 IR (s)		1.400 IR (s)	3.400 IR (s)	1.000 IR (s)						12.000 IR (s)	1.100 IR (s)	12.400 IR (s)		
2/19/80																								
G 9496	G 9865	61092	Cncl'd							0.400 IR (s) cncl'd		1.400 IR (s) cncl'd	3.400 IR (s) cncl'd	1.000 IR (s) cncl'd						12.000 IR (s) cncl'd	1.100 IR (s) cncl'd	12.400 IR (s) cncl'd		
2/19/80																								
G 12622	G 12210																							
7/29/91											5.100 IR													
7/29/91											3.200 IR (s)													
G 12228											3.500 IR													
4/20/98											0.500 IR													
4/20/98											37.100 IR (s)	40.600 IR (s)	19.400 IR (s)											
S 55490	S 42205	61093											12.800 IR	7.700 IR	3.200 IR					3.500 IR		16.100 IR	8.000 IR	
3/16/77																								
S 59671	S 46984	61094									39.800 IR (s)	22.800 IR (s)	0.400 IR	5.200 IR (s)	1.400 IR	3.400 IR	1.000 IR	28.200 IR (s)	25.400 IR (s)	19.300 IR (s)		12.000 IR	1.100 IR	12.400 IR
2/19/80																								
2/19/80													4.000 IR (s)	6.000 IR (s)						8.800 IR		10.800 IR (s)	3.300 IR (s)	
S 60981	S 45339	66888											13.600 IR											
11/10/80																								
S 61015	S 46985	61095									0.400 IR	5.200 IR	18.300 IR	8.000 IR	14.700 IR	31.400 IR	25.400 IR	31.600 IR			12.000 IR	21.200 IR	20.400 IR	
11/24/80																								

Notes: Primary is to be assumed. (s) indicates supplemental Rights assumed non-canceled.

Type of Use >

Acres	Status
-------	--------

 < Supplemental indicator

WATER RIGHT FEE CALCULATION

Base Fee		250.00
Plus		
1 st CFS or fraction		+ 150.00
Plus		
Additional CFS or fraction	<u>10</u> X 75. =	<u>750</u>
	Total Examination Fee	<u>1150 -</u>
	(due upon filing application)	

Recording Fee	+ 175.00
---------------	----------

Total Fees for permit

1325 -

pd 1225 -

owing \$100 rec fees

TOTAL ALLOWED 10.60 cfs / 11 cfs

STORED WATER

250

1st
10AF

$$\underline{10} \times 10 = \underline{100}$$

addition
to 1000AF

$$\underline{170} \times 1 = \underline{170}$$

\$20

>1000AF

x.25

**STATE OF OREGON
WATER RESOURCES DEPARTMENT**

RECEIPT # **30870**

158 12TH ST. N.E.

INVOICE # _____

SALEM, OR 97310-0210

378-8455 / 378-8130 (FAX)

RECEIVED FROM: Williams Dairy Heifer
BY: _____

APPLICATION	7-14728
PERMIT	
TRANSFER	

CASH: CHECK: # 19-10 OTHER: (IDENTIFY)

TOTAL REC'D \$ 175.00

0417 WRD MISC CASH ACCT

ADJUDICATIONS	\$
PUBLICATIONS / MAPS	\$
OTHER: (IDENTIFY) _____	\$
OTHER: (IDENTIFY) _____	\$

REDUCTION OF EXPENSE

CASH ACCT.	\$
VOUCHER #	

0427 WRD OPERATING ACCT

0407 MISCELLANEOUS COPY & TAPE FEES	\$
0410 RESEARCH FEES	\$
0408 MISC REVENUE: (IDENTIFY) _____	\$175.00
TC162 DEPOSIT LIAB. (IDENTIFY) _____	\$

PCA #66111

WATER RIGHTS:	EXAM FEE		RECORD FEE
0201 SURFACE WATER	\$	0202	\$
0203 GROUND WATER	\$	0204	\$
0205 TRANSFER	\$	0206	\$
WELL CONSTRUCTION	EXAM FEE		LICENSE FEE
0218 WELL DRILL CONSTRUCTOR	\$	0219	\$
LANDOWNER'S PERMIT		0220	\$
OTHER (IDENTIFY) _____			

0437 WELL CONST. START FEE

0211 WELL CONST START FEE	\$	CARD #	
0210 MONITORING WELLS	\$	CARD #	
OTHER (IDENTIFY) _____			

0539 LOTTERY PROCEEDS

1302 LOTTERY PROCEEDS	\$
-----------------------	----

0467 HYDRO ACTIVITY

0233 POWER LICENSE FEE (FW/WRD)	LIC NUMBER	\$
0231 HYDRO LICENSE FEE (FW/WRD)		\$
HRDRO APPLICATION		\$

RECEIPT # **30870**

DATED: 6-30-99 BY: Roger Wright

**STATE OF OREGON
WATER RESOURCES DEPARTMENT**

RECEIPT # **20543**

158 12TH ST. N.E.
SALEM, OR 97310-0210
378-8455 / 378-8130 (FAX)

INVOICE # _____

RECEIVED FROM: Williams Dairy
BY: Heifer Raising

APPLICATION	914728
PERMIT	
TRANSFER	

CASH: CHECK: # 19-10 OTHER: (IDENTIFY)

TOTAL REC'D \$ 1,225.⁰⁰

0417 WRD MISC CASH ACCT

ADJUDICATIONS	\$
PUBLICATIONS / MAPS	\$
OTHER: (IDENTIFY)	\$
OTHER: (IDENTIFY)	\$

REDUCTION OF EXPENSE

CASH ACCT. \$

PCA AND OBJECT CLASS VOUCHER #

0427 WRD OPERATING ACCT

PCA 6611

0407 MISCELLANEOUS	\$
0410 COPY & TAPE FEES	\$
0408 RESEARCH FEES	\$
MISC REVENUE: (IDENTIFY)	\$
DEPOSIT LIAB. (IDENTIFY)	\$

WATER RIGHTS:

0201 SURFACE WATER	EXAM FEE	0202	RECORD FEE
0203 GROUND WATER	\$	0204	\$ 75. ⁰⁰
0205 TRANSFER	\$ 1,150. ⁰⁰	0206	\$

WELL CONSTRUCTION

0218 WELL DRILL CONSTRUCTOR	EXAM FEE	0219	LICENSE FEE
LANDOWNER'S PERMIT	\$	0220	\$

OTHER (IDENTIFY) _____

0437 WELL CONST. START FEE

0211 WELL CONST START FEE	\$	CARD #	
0210 MONITORING WELLS	\$	CARD #	

OTHER (IDENTIFY) _____

0539 LOTTERY PROCEEDS

1302 LOTTERY PROCEEDS \$

0467 HYDRO ACTIVITY

0233 POWER LICENSE FEE (FW/WRD)	LIC NUMBER	\$
0231 HYDRO LICENSE FEE (FW/WRD)		\$
HRDRO APPLICATION		\$

RECEIPT # **20543**

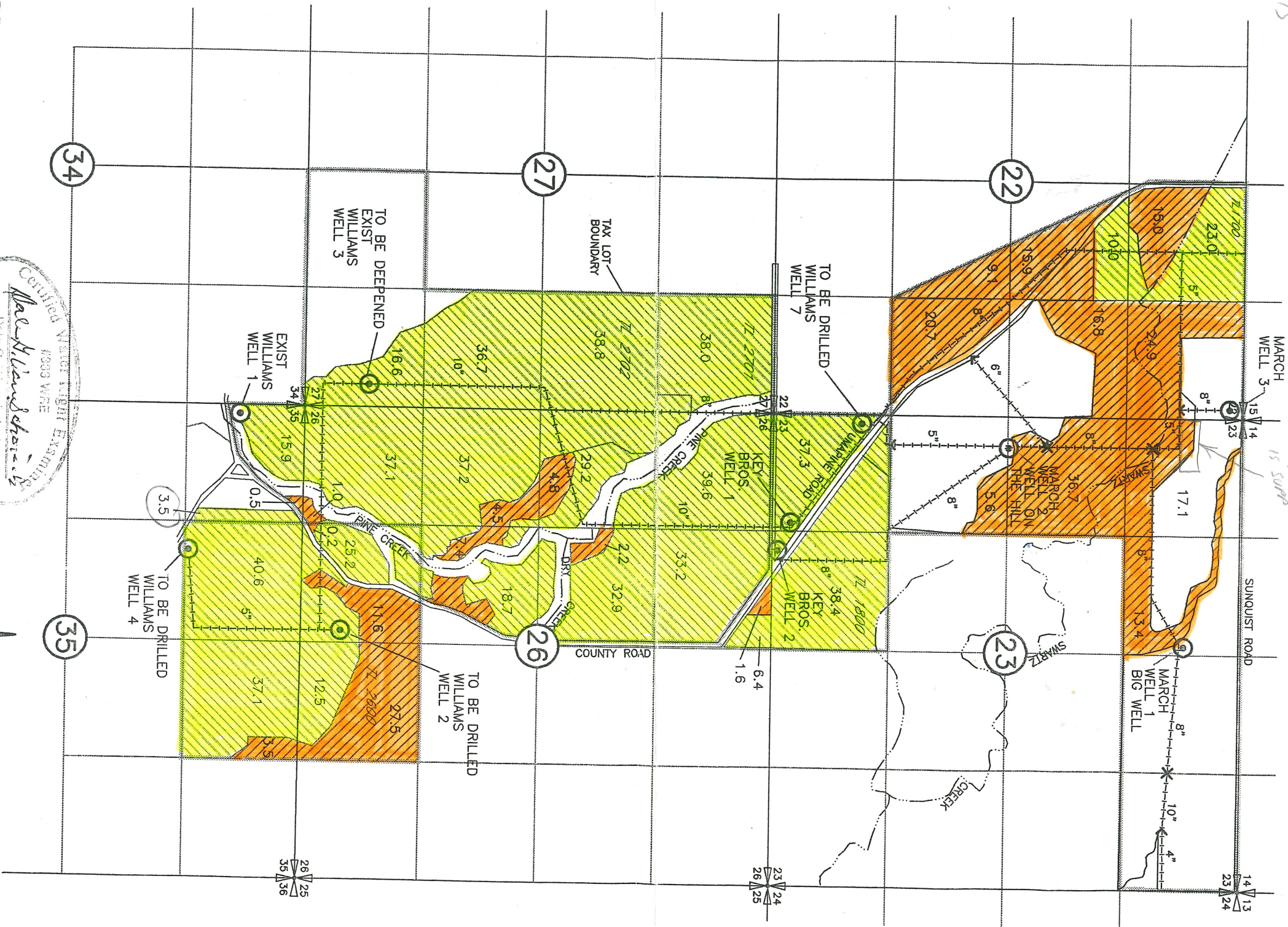
DATED: 4-20-98 BY: D. Bushnell

RECEIVED
 APR 20 1998
 WATER RESOURCES DEPT.
 SALEM, OREGON

AS APPLIED
NO ANALYSIS

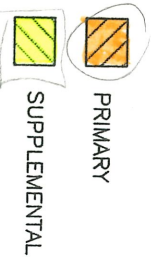
GROUNDWATER APPLICATION
 MAP FOR
 Ray Williams of T. O. Williams & Associates
 T 6N, R34E WM

Application No 6 14728
No G-13697

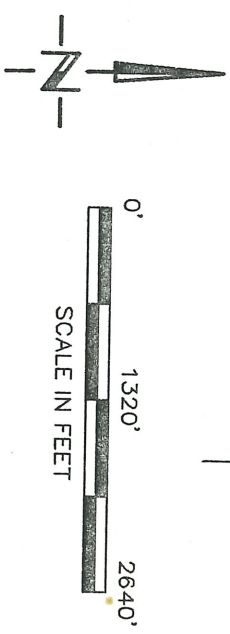


POINTS OF APPROPRIATION

WELL	LOCATION	DIRECTION	DISTANCE	SECTION
MARCH WELL 1	LOCATED	S AND	650'	SEC 23
MARCH WELL 2	LOCATED	10' N AND	10'	SEC 23
MARCH WELL 3	LOCATED	150' S AND	350'	SEC 23
KEY BROS. WELL 1	LOCATED	110' E OF W 1/4 CORNER	110'	SEC 22
KEY BROS. WELL 2	LOCATED	260' N AND	260'	SEC 23
KEY BROS. WELL 3	LOCATED	30' N AND	1230'	SEC 23
WILLIAMS WELL 1	LOCATED	30' N AND	1620'	SEC 23
WILLIAMS WELL 2	LOCATED	760' S AND	40'	SEC 35
WILLIAMS WELL 3	LOCATED	240' N AND	2530'	SEC 26
WILLIAMS WELL 4	LOCATED	400' S AND	100'	SEC 27
WILLIAMS WELL 7	LOCATED	1353' S AND	1650'	SEC 35
WILLIAMS WELL 7	LOCATED	1000' N AND	100'	SEC 23



Certified Metric Light Examining
Paul Williams
 State of Oregon
 No. 13697
 4/1/98



NOTE:
 THE PURPOSE OF THIS MAP IS TO IDENTIFY THE APPROXIMATE LOCATION OF THE WATER RIGHT. IT IS NOT INTENDED TO PROVIDE INFORMATION RELATIVE TO THE LOCATION OF PROPERTY OWNERSHIP BOUNDARY LINES.

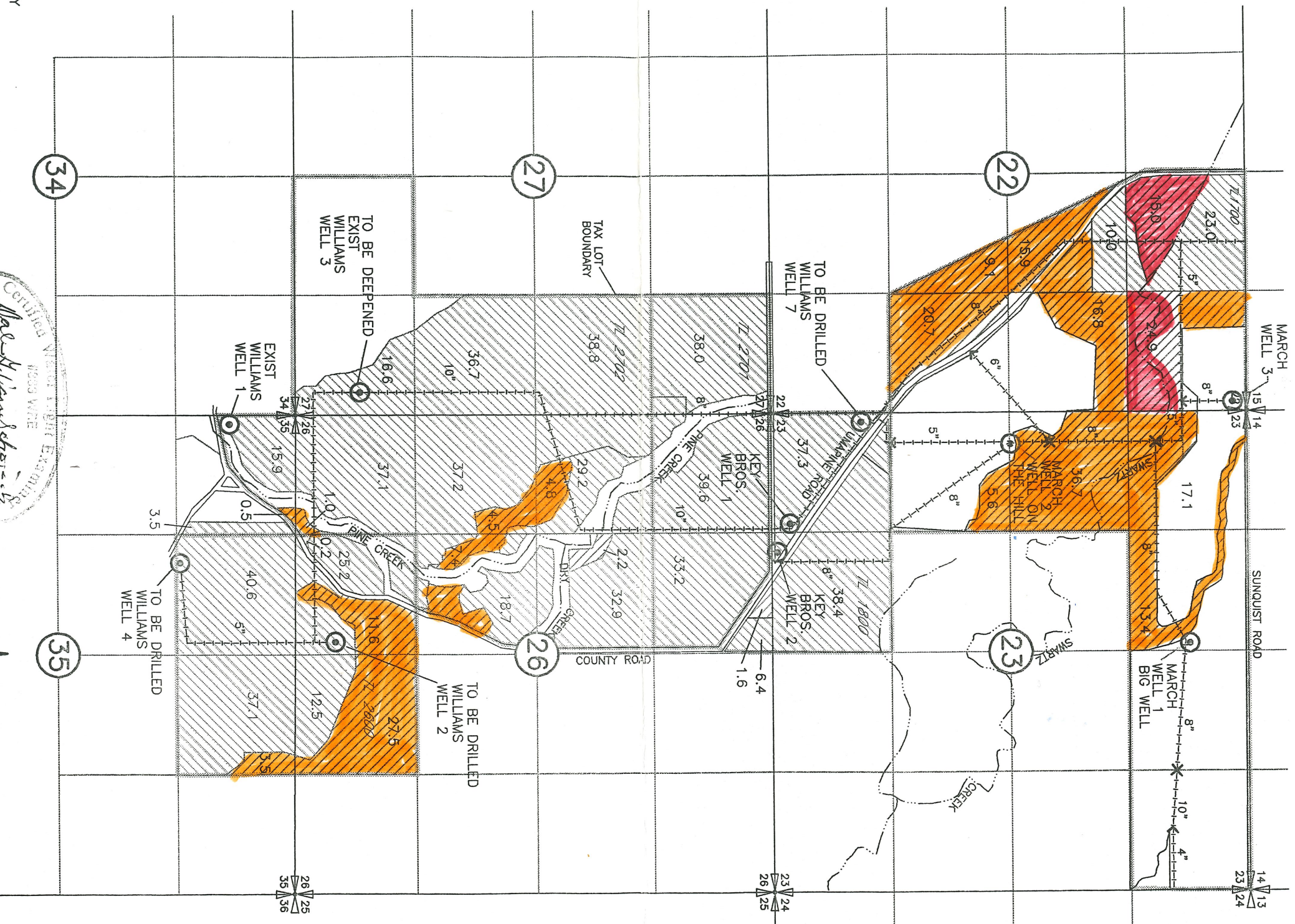
RECEIVED
 APR 20 1998
 WATER RESOURCES DEPT.
 SALEM, OREGON

Ray

WATER APPLICATION
 FOR
 Williams & Associates
 R34E WM

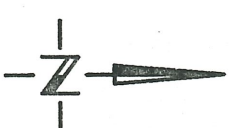
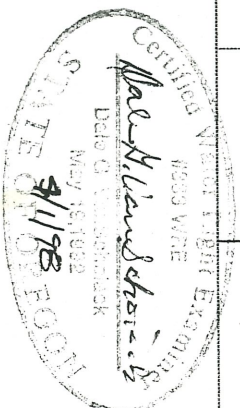
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Confidential



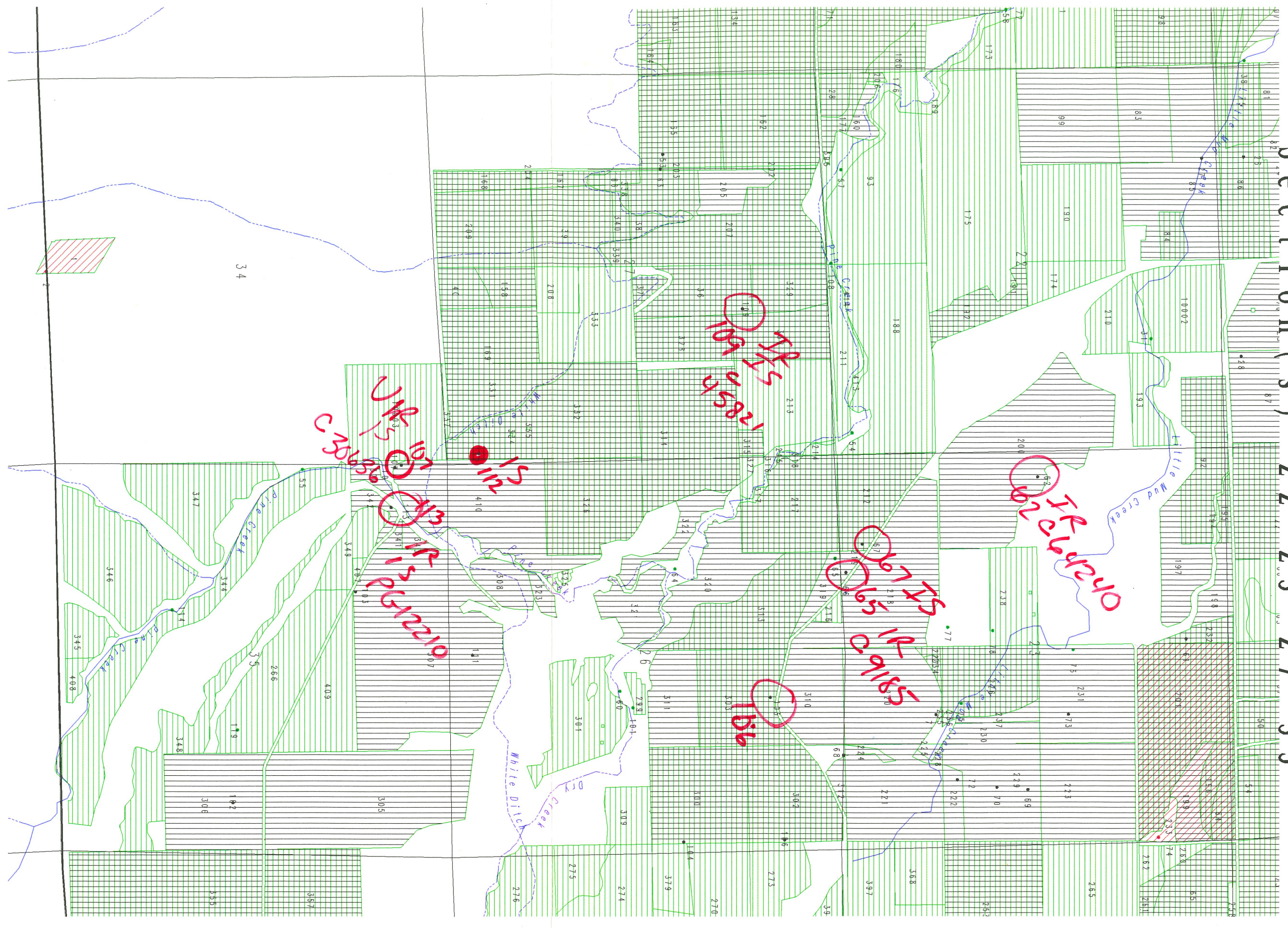
-  PRIMARY
-  SUPPLEMENTAL

POINTS OF APPROPRIATION	
MARCH WELL 1	LOCATED 650' S AND 10' W OF N 1/4 CORNER SEC 23
MARCH WELL 2	LOCATED 10' S AND 350' E OF W 1/4 CORNER SEC 23
MARCH WELL 3	LOCATED 150' S AND 110' W OF NE CORNER SEC 22
KEY BROS. WELL 1	LOCATED 260' N AND 1230' E OF SW CORNER SEC 23
KEY BROS. WELL 2	LOCATED 30' N AND 1620' E OF SW CORNER SEC 23
KEY BROS. WELL 3	LOCATED 30' N AND 1620' E OF SW CORNER SEC 23
WILLIAMS WELL 1	LOCATED 760' S AND 40' E OF SW CORNER SEC 35
WILLIAMS WELL 2	LOCATED 240' N AND 2530' E OF SE CORNER SEC 26
WILLIAMS WELL 3	LOCATED 400' N AND 100' W OF SE CORNER SEC 27
WILLIAMS WELL 4	LOCATED 1353' S AND 1650' E OF NW CORNER SEC 35
WILLIAMS WELL 7	LOCATED 1000' N AND 100' E OF SW CORNER SEC 23



NOTE:
 THE PURPOSE OF THIS MAP IS TO IDENTIFY THE APPROXIMATE LOCATION OF THE WATER RIGHT. IT IS NOT INTENDED TO PROVIDE INFORMATION RELATIVE TO THE LOCATION OF PROPERTY OWNERSHIP BOUNDARY LINES.

WATER RIGHTS IN TOWNSHIP 6 N 34 E Section (s) 22 23 27 35



PLACE OF USE BY SOURCE OF RIGHT
Multiple shades indicate multiple sources
Number in parcel is referenced in report.

NUMBER OF DIVERSION BY SOURCE OF RIGHT
Number next to point is referenced in report.

- Served by surface water or decree right
- Reservoir right
- Served by Groundwater right
- Served by Groundwater registration right
- Water right boundary: no data at this time

- Surface water right point of diversion
- Groundwater right point of diversion
- Point of diversion, no data at this time
- Application number shown on lowest reach.

Rights shown on this map are approximate.
Contact OMD for best locational data.

Map Produced July 15, 1998

