T - 9072

T - 9072

Name Amos Y & Norma L. Vahrenwald

By

Address 4091 Holland Loop Road
Cave Junction, OR 97523

Change in POU/POD SW → GW

Date filed 3-27-02

Date of hearing

Place of hearing

Date of order 1-2-03 / 7-13-11 Vol. 57 / 84, page 10

Date for application of water

Proof mailed

Proof received

Certificate issued July 7, 2013 Vol. , page 88247; 88248

RR cert 79836

DESCRIPTION OF WATER RIGHT

Name of stream Sucker Creek

Trib. of E. Fk. Illinois River County of Josephine

Use Irrigation

Quantity of water No. of acres

Name of ditch

Date of priority 12-31-1872/11-1-1919

In name of H.B. Reed/Amos Vahrenwald

Adjudication, Vol. , page

App. No. ~~0~~ / T-5312 Per. No. D. 7148 / S. 4285 Cert. No. 7148 / 63788

Certificate cancelled

Notation made on record by

FEES PAID

Date	Amount	Receipt No.
4-1-02	fee waived	
TOTAL . . .		
	Cert. Fee	

FEES REFUNDED

Date	Amount	Check No.

REMARKS

NOID

CWRE #152/Harold Center

Vic Conrad/Illinois Valley Watershed Council/102 S. Redwood Hwy/Cave Junction, OR 97523

STATE OF OREGON

COUNTY OF JOSEPHINE

CERTIFICATE OF WATER RIGHT

THIS CERTIFICATE ISSUED TO

AMOS Y. AND NORMA L. VAHRENWALD
4091 HOLLAND LOOP RD
CAVE JUNCTION OR 97523

confirms the right to use the waters of SUCKER CREEK, a tributary of EAST FOR ILLINOIS RIVER for IRRIGATION of 9.96 ACRES.

This right was confirmed by decree of the Circuit Court of the State of Oregon for Josephine County. The decree is of record at Salem, in the Order Record of the Water Resources Director in Volumes 1 and 5, at Pages 253 and 398. The date of priority is 1872 FOR TRACT 1.

The amount of water to which this right is entitled is limited to an amount actually used beneficially, and shall not exceed 0.20 CUBIC FOOT PER SECOND, if available from the original point of diversion, or its equivalent in case of rotation, measured at the point of diversion from the source, and that the use of water for irrigation purposes shall be confined to the season April 1 to October 31 of each year.

The point of diversion is located as follows:

Twp	Rng	Mer	Sec	Q-Q	Measured Distances
40 S	8 W	WM	1	NE NW	126.47 FEET NORTH AND 79.83 FEET WEST FROM NW CORNER, DLC 46

A description of the place of use is as follows:

Twp	Rng	Mer	Sec	Q-Q	Acres
40 S	8 W	WM	1	NE NW	8.06
40 S	8 W	WM	1	SE NW	1.90

The quantity of water diverted at the new point of diversion (well), together with that diverted at the old point of diversion, shall not exceed the quantity of water available from the original point of diversion, being Sucker Creek.

The water user shall maintain headgates, in-line flow meters, weirs, or other suitable devices for measuring and recording the quantity of water diverted.

Water shall be acquired from the same surface source as the original point of diversion.

The right to the use of the water for the above purpose is restricted to beneficial use on place of use described, and is subject to all other conditions and limitations contained in said decree.

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 183.482. Any petition for judicial review must be filed within the 60-day time period specified by ORS 183.482. Pursuant to ORS 183.482, ORS 536.075 and OAR 137-003-0675, 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.

This certificate is issued to confirm a change in PLACE OF USE AND POINT OF DIVERSION approved by an order of the Water Resources Director entered July 13, 2011, at Special Order Volume 84, Page 741, superseding order entered JANUARY 2, 2003, at Special Order Volume 57, Pages 10 to 14, approving Transfer Application 9072, and together with Certificate 79836 and together with Certificate confirming Transfer Application 9071, supersedes Certificate 7148, State Record of Water Right Certificates.

Issued JUL 12 2013.

Dwight W. French
Administrator, Water Right Services, for
Phillip C. Ward, Director

 Recorded in State Record of Water Right Certificates numbered 88247.

STATE OF OREGON

COUNTY OF JOSEPHINE

CERTIFICATE OF WATER RIGHT

THIS CERTIFICATE ISSUED TO

AMOS Y. AND NORMA L. VAHRENWALD
4091 HOLLAND LOOP RD
CAVE JUNCTION OR 97523

confirms the right to use the waters of A WELL, within the ILLINOIS RIVER BASIN for IRRIGATION OF 6.00 ACRES AND SUPPLEMENTAL IRRIGATION OF 9.96 ACRES.

This right was perfected under Permit 4285. The date of priority is NOVEMBER 1, 1919. The amount of water to which this right is entitled is limited to an amount actually used beneficially, and shall not exceed 0.20 CUBIC FOOT PER SECOND, or its equivalent in case of rotation, measured at the point of diversion.

The point of diversion is located as follows:

Twp	Rng	Mer	Sec	Q-Q	Measured Distances
40 S	8 W	WM	1	NE NW	126.47 FEET NORTH AND 79.83 FEET WEST FROM NW CORNER, DLC 46

The amount of water used for irrigation, together with the amount secured under any other right existing for the same lands, is limited to a diversion of ONE-EIGHTIETH of one cubic foot per second, or its equivalent for each acre irrigated. The use shall conform to such reasonable rotation system as may be ordered by the proper state officer.

A description of the place of use is as follows:

IRRIGATION					
Twp	Rng	Mer	Sec	Q-Q	Acres
40 S	8 W	WM	1	SE NW	6.00

SUPPLEMENTAL IRRIGATION					
Twp	Rng	Mer	Sec	Q-Q	Acres
40 S	8 W	WM	1	NE NW	8.06
40 S	8 W	WM	1	SE NW	1.90

NOTICE OF RIGHT TO RECONSIDERATION OR JUDICIAL REVIEW

This is an order in other than a contested case. This order is subject to judicial review under ORS 183.482. Any petition for judicial review must be filed within the 60-day time period specified by ORS 183.482. Pursuant to ORS 183.482, ORS 536.075 and OAR 137-003-0675, 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.

The quantity of water diverted at the new point of diversion (well), together with that diverted at the old point of diversion, shall not exceed the quantity of water available from the original point of diversion described as follows:

Twp	Rng	Mer	Sec	Q-Q	Measured Distances
39 S	7 W	WM	31	NW SW	1420 FEET NORTH AND 75 FEET EAST FROM SW CORNER, SECTION 31

The water user shall maintain headgates, in-line flow meters, weirs, or other suitable devices for measuring and recording the quantity of water diverted.

Water shall be acquired from the same surface source as the original point of diversion.

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

This certificate is issued to confirm a change in PLACE OF USE AND POINT OF DIVERSION approved by an order of the Water Resources Director entered July 13, 2011, at Special Order Volume 84, Page 741, superseding order entered JANUARY 2, 2003, at Special Order Volume 57, Pages 10 to 14, approving Transfer Application 9072, and together with Certificate confirming Transfer Application 9071, supercedes Certificate 63788, State record of Water Right Certificates.

Issued JUL 12 2013.

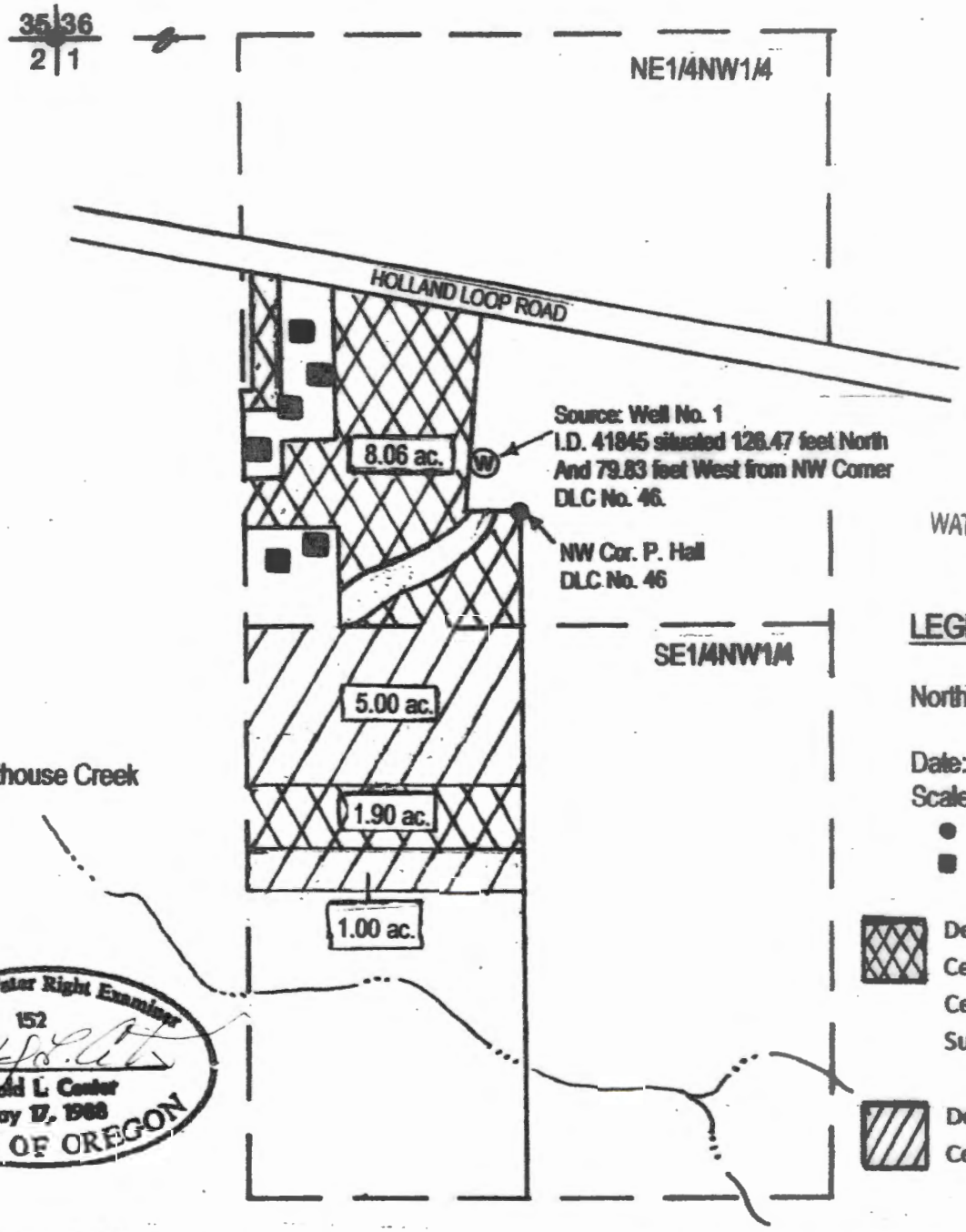
Dwight W. French
Administrator, Water Right Services, for
Phillip C. Ward, Director

FINAL PROOF SURVEY
SECTION 1, TOWNSHIP 40 SOUTH, RANGE 8 WEST, W.M.
JOSEPHINE COUNTY, OREGON

For

AMOS Y. and NORMA L. VAHRENWALD
4091 HOLLAND LOOP ROAD, CAVE JUNCTION, OR. 97523

Application G-15638, T-9072



RECEIVED
JUL 25 2011
WATER RESOURCES DEPT
SALEM, OREGON

LEGEND

North

Date: Map revised 7/14/2011
Scale 1" = 400'

- Survey Monument
- Denotes Building
- Denotes Area under Certificate 7149, Primary Certificate 63788, Supplemental
- Denotes area under Certificate 63788, Prima

Certified Water Right Examiner
152
Harold L. Center
May 17, 1988
STATE OF OREGON

Certified Water Right Examiner
HAROLD L. CENTER, P.L.S., C.W.R.E.
2604 David Lane – Medford, Or. 97504
541-535-6108, Fax 541-535-8752
Oregon C.W.R.E. No. 152
Certificate Renewal Date – 12-31-2011

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.

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

Date Mailed: July 12, 2013

NOTICE OF CERTIFICATE ISSUANCE

Attached are certificates that confirm the water rights established under the terms of a transfer order issued by this Department.

These certificates are orders in other than a contested case. These orders are subject to judicial review under ORS 183.482. Any petition for judicial review must be filed within the 60-day time period specified by ORS 183.482. Pursuant to ORS 183.482, ORS 536.075 and OAR 137-003-0675, you may petition for judicial review and petition the Director for reconsideration of these orders. 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.

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.

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 you have any questions please contact Gerry Clark at 503-986-0811.

Mailing List for Transfer Certificate

Application: T-9072 (63788)

Certificate: 88248

Certificate/Transfer Holder: (include copy of map)

AMOS Y. AND NORMA L. VAHRENWALD
4091 HOLLAND LOOP RD
CAVE JUNCTION OR 97523

Copies Mailed

By: Dawn
(SUPPORT STAFF)

on: JUL 12 2013
(DATE)

Copies of final Certificate to be sent to:

1. Watermaster #14 (Include map)
2. Data Center
3. Water Availability
4. Vault
5. File

Other Persons to receive copies (proposed and/or final certificate: (Include map)

1. PER ASSESSORS OFFICE CURRENT PROPERTY OWNER:

   JOSEPH P DORSEY
   4091 HOLLAND LOOP RD
   CAVE JUNCTION OR 97523

2. HAROLD L CENTER, CWRE

3 Cv. Ltr
7 Certificate - 48 ~~63788~~
6 Certificate
5 Map

Record Marking(s):

1. Original Application# S-6848
2. Old Certificate# 63788

Mailing List for Transfer Certificate

Application: T-9072 (7148)

Certificate: 88247

Certificate/Transfer Holder: (include copy of map)

AMOS Y. AND NORMA L. VAHRENWALD
4091 HOLLAND LOOP RD
CAVE JUNCTION OR 97523

Copies Mailed

By: Dawn
(SUPPORT STAFF)

on: JUL 12 2013
(DATE)

Copies of final Certificate to be sent to:

1. Watermaster #14 **(Include map)**
2. Data Center
3. Water Availability
4. Vault
5. File

Other Persons to receive copies (proposed and/or final certificate: (Include map)

1. PER ASSESSORS OFFICE CURRENT PROPERTY OWNER:

   JOSEPH P DORSEY
   4091 HOLLAND LOOP RD
   CAVE JUNCTION OR 97523

2. HAROLD L CENTER, CWRE

Record Marking(s):

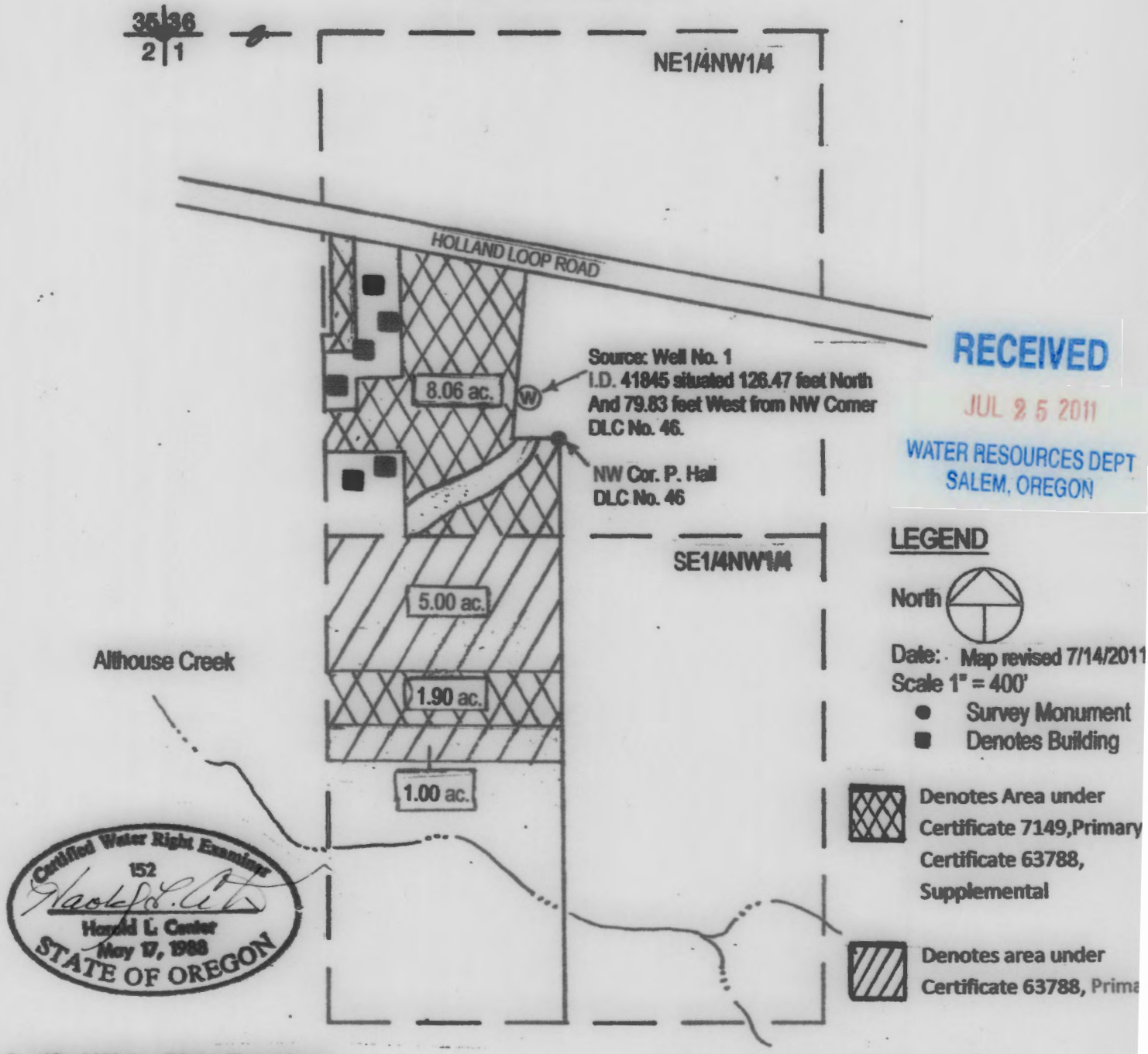
1. Original Application# DECREE
2. Old Certificate# 7148

FINAL PROOF SURVEY
SECTION 1, TOWNSHIP 40 SOUTH, RANGE 8 WEST, W.M.
JOSEPHINE COUNTY, OREGON

For

AMOS Y. and NORMA L. VAHRENWALD
4091 HOLLAND LOOP ROAD, CAVE JUNCTION, OR. 97523

Application G-15638, T-9072



RECEIVED
JUL 25 2011
WATER RESOURCES DEPT
SALEM, OREGON

Certified Water Right Examiner
152
Harold L. Center
May 17, 1988
STATE OF OREGON

Certified Water Right Examiner
HAROLD L. CENTER, P.L.S., C.W.R.E.
2604 David Lane – Medford, Or. 97504
541-535-6108, Fax 541-535-8752
Oregon C.W.R.E. No. 152
Certificate Renewal Date – 12-31-2011

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.

STATE OF OREGON

COUNTY OF JOSEPHINE

CERTIFICATE OF WATER RIGHT

THIS CERTIFICATE ISSUED TO

AMOS Y. AND NORMA L. VAHRENWALD
4091 HOLLAND LOOP RD
CAVE JUNCTION OR 97523

confirms the right to use the waters of SUCKER CREEK, a tributary of EAST FOR ILLINOIS RIVER for IRRIGATION of 9.96 ACRES.

This right was confirmed by decree of the Circuit Court of the State of Oregon for Josephine County. The decree is of record at Salem, in the Order Record of the Water Resources Director in Volumes 1 and 5, at Pages 253 and 398. The date of priority is 1872 FOR TRACT 1.

The amount of water to which this right is entitled is limited to an amount actually used beneficially, and shall not exceed 0.20 CUBIC FOOT PER SECOND, if available from the original point of diversion, or its equivalent in case of rotation, measured at the point of diversion from the source, and that the use of water for irrigation purposes shall be confined to the season April 1 to October 31 of each year.

The point of diversion is located as follows:

Twp	Rng	Mer	Sec	Q-Q	Measured Distances
40 S	8 W	WM	1	NE NW	126.47 FEET NORTH AND 79.83 FEET WEST FROM NW CORNER, DLC 46

A description of the place of use is as follows:

Twp	Rng	Mer	Sec	Q-Q	Acres
40 S	8 W	WM	1	NE NW	8.06
40 S	8 W	WM	1	SE NW	1.90

The quantity of water diverted at the new point of diversion (well), together with that diverted at the old point of diversion, shall not exceed the quantity of water available from the original point of diversion, being Sucker Creek.

The water user shall maintain headgates, in-line flow meters, weirs, or other suitable devices for measuring and recording the quantity of water diverted.

Water shall be acquired from the same surface source as the original point of diversion.

The right to the use of the water for the above purpose is restricted to beneficial use on place of use described, and is subject to all other conditions and limitations contained in said decree.

NOTICE OF RIGHT TO PETITION FOR RECONSIDERATION OR JUDICIAL REVIEW

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Issued _____.

_____

Dwight W. French
Administrator, Water Right Services, for
Phillip C. Ward, Director

 Recorded in State Record of Water Right Certificates numbered 88247.

STATE OF OREGON

COUNTY OF JOSEPHINE

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4091 HOLLAND LOOP RD
CAVE JUNCTION OR 97523

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This right was perfected under Permit 4285. The date of priority is NOVEMBER 1, 1919. The amount of water to which this right is entitled is limited to an amount actually used beneficially, and shall not exceed 0.20 CUBIC FOOT PER SECOND, or its equivalent in case of rotation, measured at the point of diversion.

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A description of the place of use is as follows:

IRRIGATION					
Twp	Rng	Mer	Sec	Q-Q	Acres
40 S	8 W	WM	1	SE NW	6.00

SUPPLEMENTAL IRRIGATION					
Twp	Rng	Mer	Sec	Q-Q	Acres
40 S	8 W	WM	1	NE NW	8.06
40 S	8 W	WM	1	SE NW	1.90

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The quantity of water diverted at the new point of diversion (well), together with that diverted at the old point of diversion, shall not exceed the quantity of water available from the original point of diversion described as follows:

Twp	Rng	Mer	Sec	Q-Q	Measured Distances
39 S	7 W	WM	31	NW SW	1420 FEET NORTH AND 75 FEET EAST FROM SW CORNER, SECTION 31

The water user shall maintain headgates, in-line flow meters, weirs, or other suitable devices for measuring and recording the quantity of water diverted.

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Issued _____.

_____
Dwight W. French
Administrator, Water Right Services, for
Phillip C. Ward, Director

MEMO

2 Certs

TO: FILE T-9072

FROM: JWG DATE: 4·26, 2013

RE: DETERMINATION OF PROOF

I've determined that a ___ PROPOSED X FINAL certificate should be prepared and mailed to the permit holder consistent with:

___ Permit X Transfer

___ FPS X COBU

As described in the permit/transfer but as clarified by the ___ FPS ___ COBU

As described in the PERMIT/TRANSFER and FPS or COBU but as further specified below:

___ Conflict? X No ___ Yes:

___ stamped PROPOSED or assign Cert # 7148 - 88247 63788 - 88248

___ Draft certificate(s) are available in the transfer directory.

✓ Water Organization identified using area of interest tool? X No ___ Yes, cc: ___

✓ Check ownership; and if there is a new owner, add them to the mailing list.

✓ Prepare a mailing list.

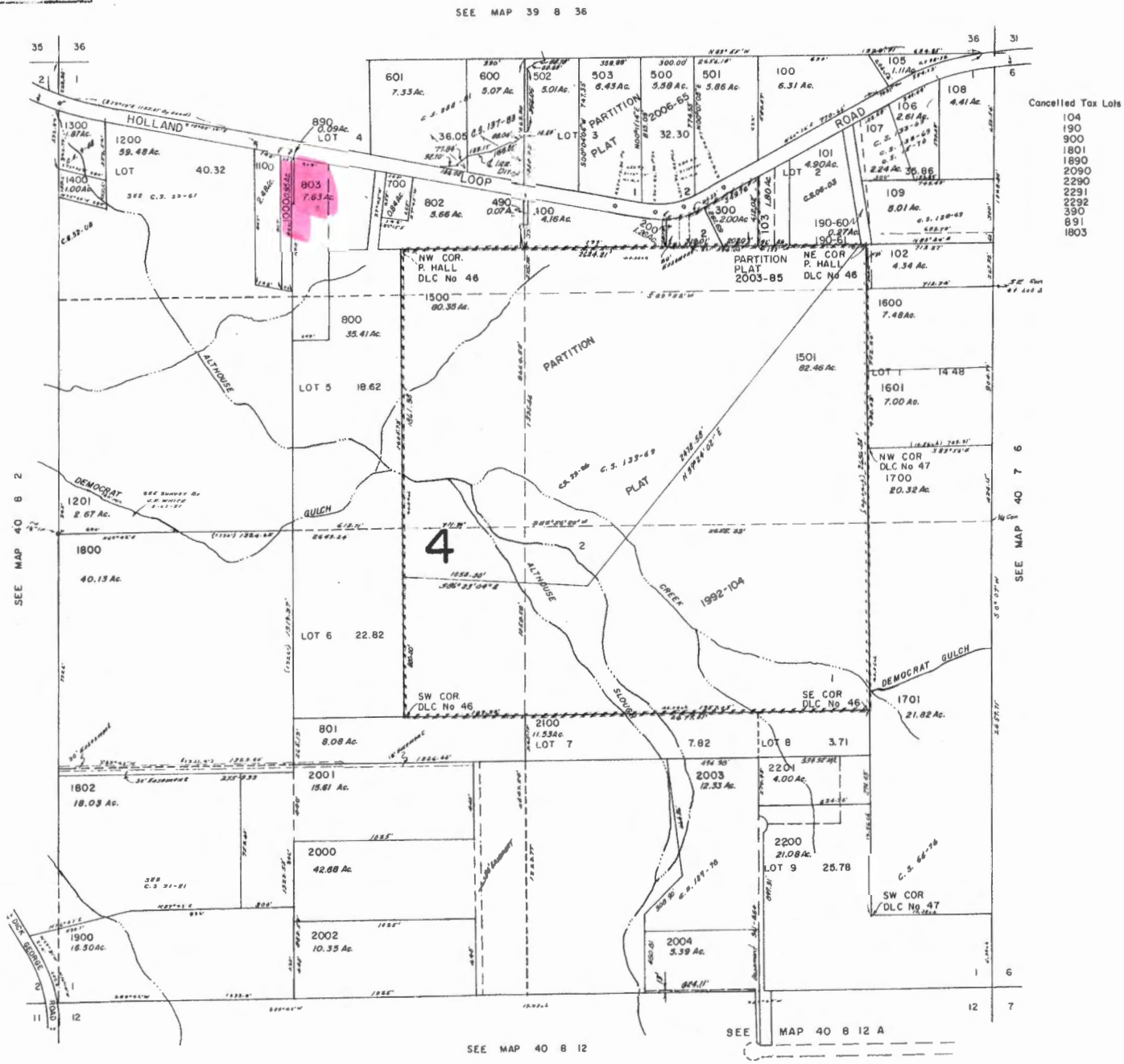
___ Record marking: App ___ Cert ___

NOTES:

SECTION 1 T.40S. R.8W. W. M.
JOSEPHINE COUNTY

1"=400'

This map was prepared for assessment purpose only.



Assessment and Taxation Online

R3314742 - DORSEY, JOSEPH P

MAPNUMX: 4008010000080300
MAPNUM: 40080100000803
ACCOUNT: R3314742
TWN: 40
RNG: 08
SEC: 01
QQ: 00
TAXLOT: 000803

TL: 000803
TYPE: 00

NAME: DORSEY, JOSEPH P
ADDRESS: 4091 HOLLAND LOOP RD
ADDR1: 4091 HOLLAND LOOP RD
CITY: CAVE JUNCTION
STATE: OR
ZIP: 97523
CSZ: CAVE JUNCTION, OR 97523

SITUS: 4091 HOLLAND LOOP RD
ST_NO: 4091
ST_NAME: HOLLAND LOOP
APPR_VALUE: 1,220
ASSD_VALUE: 1,220

IMP_VALUE: 0
LAND_APPR: 1,220
LAND_MKT: 11,380
RMV: 11,380
ACREAGE: 2.63
LEGAL_ACRE: 7.63
PROP_CLASS: 541

CODE: 05;04
MAINT: B
NBHD: 1900
ZONE: RR5
SPTB_AMOUNTS: 0.00
MH_VALUE: 0
TAXES: 7.27
SALE_DATE: 08/02/2012
SALE_PRICE: 335,000
DEED_TYPE: PEREP
INST_NO: 12-009706
SALE_TYPE: UC

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

July 15, 2011

Amos Y and Norma Vahrenwald
4091 Holland Loop Rd
Cave Junction OR 97523

RE: Correcting Order

Enclosed is a new correcting and superseding final order. Please read the order carefully.

If you have any questions regarding this certificate please contact the transfer section at 503-986-0883.

Sincerely,

Jonnine Skaug
Executive Support

enclosure

cc: Watermaster #14
Harold Center, CWRE
Vic Conrad, Illinois Valley Watershed Council
File (T-9072)

BEFORE THE WATER RESOURCES DEPARTMENT
OF THE
STATE OF OREGON

In the Matter of Transfer Application T-9072, Josephine County	)))))	SUPERSEDING FINAL ORDER APPROVING CHANGES IN PLACE OF USE AND POINT OF DIVERSION AND CORRECTING SCRIVENER'S ERRORS IN A PREVIOUS ORDER

ORS 540.505 to 540.580 establishes the process in which a water right holder may submit a request to transfer the point of diversion, place of use, or character of use authorized under an existing water right. OAR Chapter 690, Division 380 implements the statutes and provides the Department's procedures and criteria for evaluating transfer applications.

Applicants

AMOS Y. AND NORMA VAHRENWALD
4091 HOLLAND LOOP ROAD
CAVE JUNCTION, OREGON 97523

Findings of Fact

1. On March 27, 2002, Amos Y. and Norma Vahrenwald filed a transfer application to change the place of use and points of diversion under Certificates 7148 and 63788. The Department assigned the application number T-9072.

2. The first right to be modified was confirmed by decree of the Circuit Court of the State of Oregon for JOSEPHINE County as evidenced by a PORTION of Certificate 7148. The decree is recorded in the Order Record of the Water Resources Director in Volume 1 AND 5, at Pages 253 AND 398. The date of priority is 1872 FOR TRACT 1.

   The right allows the use of SUCKER CREEK, a tributary of EAST FORK ILLINOIS RIVER, for IRRIGATION OF 9.96 ACRES. The amount of water to which this right is entitled is limited to an amount actually beneficially used and shall not exceed 0.20 CUBIC FOOT PER SECOND, if available at the authorized point of diversion, or its equivalent in case of rotation, measured at the point of diversion from the source, and that the use of water for irrigation purposes shall be confined to the season April 1 to October 31 of each year. Note: this right is supplemented by water from Gravelly Slough under a priority date of

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 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.

1903 and from springs in SE¼ of Section 36, T 39 S, R 8 W, W.M. under a priority date of 1878.
The right to use water for the above purpose is restricted to beneficial use on the lands or place of use described and is subject to all other conditions and limitations contained in the decree.

The authorized place of use is located as follows:

Twp	Rng	Mer	Sec	Q-Q	Acres	Change Proposed
40 S	8 W	WM	1	NE NW	8.06	POD only
40 S	8 W	WM	1	NE NW	1.90	POD and POU

3. The second right to be modified, as evidenced by a PORTION of Certificate 63788, was perfected under Permit 4285 with a date of priority of NOVEMBER 1, 1919. The right allows the use of SUCKER CREEK, a tributary of the ILLINOIS RIVER, for IRRIGATION OF 15.96 ACRES. The amount of water to which this right is entitled is limited to an amount actually beneficially used and shall not exceed 0.20 CUBIC FOOT PER SECOND, if available at the original point of diversion: NW¼ SW¼, SECTION 31, T 39 S, R 7 W, W.M., or its equivalent in case of rotation, measured at the point of diversion from the source.

The amount of water used for irrigation, together with the amount secured under any other right existing for the same lands, is limited to ONE-EIGHTIETH of one cubic foot per second per acre or its equivalent for each acre irrigated. The use shall conform to any reasonable rotation system ordered by the proper state officer.
The right to use water for the above purpose is restricted to beneficial use on the lands or place of use described.

The authorized point of diversion is located:

Twp	Rng	Mer	Sec	Q-Q	Measured Distances
39 S	7 W	WM	31	NW SW	1420 FEET NORTH AND 75 FEET EAST FROM THE SW CORNER OF SECTION 31

The authorized place of use is located as follows:

Twp	Rng	Mer	Sec	Q-Q	Acres	Change Proposed
40 S	8 W	WM	1	NE NW	8.06	POD only
40 S	8 W	WM	1	NE NW	2.90	POD and POU
40 S	8 W	WM	1	SE NW	5.00	POD only

4. Application T-9072 proposes to change the place of use of 1.90 acres under Certificate 7148 and 2.90 acres under Certificate 63788 to:

CERTIFICATE 7148 PRIMARY AND CERTIFICATE 63788 SUPPLEMENTAL					
Twp	Rng	Mer	Sec	Q-Q	Acres
40 S	8 W	WM	1	SE NW	1.90

CERTIFICATE 63788 PRIMARY					
Twp	Rng	Mer	Sec	Q-Q	Acres
40 S	8 W	WM	1	SE NW	1.00

5. The applicant proposes to change the point of diversion for both rights to a well (Well Log #41845) located:

Twp	Rng	Mer	Sec	Q-Q	Measured Distances
40S	8W	WM	1	NE NW	126.47 FEET NORTH AND 79.83 FEET WEST FROM THE NW CORNER OF DLC 46

6. An affidavit was received from Amos and Norma Vahrenwald, owners of certain land and the water right appurtenant to it. The landowners request a portion of a water right be DIMINISHED FROM PRIMARY IRRIGATION TO SUPPLEMENTAL IRRIGATION.

   OAR 690-320-0070 (2) provides: "A primary right may, at the request of the owner of the water right, be diminished to a supplemental status to allow for a new primary right application from a more dependable source of water"

   The portion is described by Certificate 63788, State Record of Water Right Certificates. The date of priority is NOVEMBER 1, 1919. The water use was for IRRIGATION OF 9.96 ACRES from SUCKER CREEK, tributary to the ILLINOIS RIVER. The amount used was 0.13 cubic foot per second.

   The DIMINISHED portion is located as follows:

CERTIFICATE 63788 SUPPLEMENTAL					
Twp	Rng	Mer	Sec	Q-Q	Acres
40 S	8 W	WM	1	NE NW	9.96*

   * 8.06 acres to remain in NE NW as per Finding of Fact #3, and 1.90 acres to be transferred to SE NW as per Finding of Fact #4.

7. On January 2, 2003 the Department issued a Final Order for the transfer, recorded at Special Order Volume 57, Pages 10 to 14. In 2011 the Department recognized a scrivener's error in the listing of the number of acres in each quarter quarter section that were to receive a change in POD only or changes in POU and POD. Also, the certificate numbers of the rights to be transferred into the SE NW of Section 1 requires clarification. Therefore, the order did not accurately reflect the changes shown in the transfer application and map.

8. This order is issued to correct the scrivener's errors and to supersede the previous order recorded at Special Order Volume 57, Pages 10 to 14.

Conclusions of Law

Pursuant to ORS 540.510 to 540.531, after notice was given and no objections were filed, and finding that no injury to existing water rights would result, this order approves, as conditioned or limited herein, TRANSFER T-9072 should be approved and the scrivener's errors in Special Order Volume 57, Pages 10 to 14 should be corrected in the record.

Now, therefore, it is ORDERED:

1. The order entered at Special Order Volume 57, Pages 10 to 14 is withdrawn and of no further force and effect and is superseded by this order.

2. The proposed changes in place of use and place of use and points of diversion in application T-9072 are approved.

3. That portion of Certificate 63788 requested to be diminished is diminished to supplemental irrigation.

4. Certificates 7148 and 63788 are cancelled. Certificate 79836 has been issued to confirm the portion of Certificate 7148 NOT involved in this transfer and diminution or in Transfer Application T-9071. The portion of Certificate 63788 not involved in this transfer is included in Transfer Application T-9071.

5. The quantity of water diverted at the new point of diversion (well), together with that diverted at the old point of diversion, shall not exceed the quantity of water lawfully available at the original point of diversion.

6. The proposed changes shall be completed on or before October 1, 2004.

7. The water user shall install and maintain headgates, in-line flow meters, weirs, or other suitable devices for measuring and recording the quantity of water diverted. The type and plans of the headgates and measuring devices must be approved by the Department prior to beginning construction and shall be installed under the general supervision of the Department.

8. Water shall be acquired from the same surface water source as the original point of diversion.

9. The former places of use shall no longer be irrigated as a part of these water rights.

10. When satisfactory proof of the completed changes is received, new certificates confirming these water rights will be issued.

Dated at Salem, Oregon this 13 day of July, 2011.

Dwight French

Dwight French, Water Right Services Administrator, for
PHILLIP C. WARD, DIRECTOR

Mailing date: JUL 15 2011

Court—A-443—500—5-28.

STATE OF OREGON

COUNTY OF JOSEPHINE

CERTIFICATE OF WATER RIGHT

This is to Certify, *That* H. B. REED (Successor in interest to Samuel Miller & Hattie Miller)

of Kerby, *State of* Oregon *has a right to the use of*

the waters of Sucker 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 Josephine *County, and the said decree entered of record at Salem, in the Order Record of the STATE ENGINEER, in Volumes* 1 & 5, *at pages* 253 & 398; *that the priority of the right thereby confirmed dates from* 1872 for Tract #1; 1908 for Tract #2;

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 2 cubic feet per second for Tract #1; 0.19 cubic foot per second for Tract 2; and that the use of water for irrigation purposes shall be confined to the season April 1 to October 31 of each year;

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:

Tract #1: 22 acres in the NE¼NW¼, 27 acres in the NW¼NW¼, Section 1, T. 40 S. R. 8 W. W. M., 25 acres in the SW¼SW¼, 26 acres in the SE¼SW¼, Section 36, T. 39 S. R. 8 W. W. M., being a total of 100 acres. (NOTE: This right is supplemented by water from Gravelly Slough under date of 1903, and from springs in SE¼ of Sec.36, T.39 S.R. 8 W.W.M., under date of 1878.)

Tract #2: 2 acres in the SW¼SE¼, Section 36, T. 39 S. R. 8 W. W. M.; 12 acres in the NE¼NW¼ and 1.5 acres in the NW¼NW¼, Section 1, T. 40 S. R. 8 W. W. M., being a total of 15.5 acres. (NOTE: This right is supplemented by water from Gravelly Slough under date of 1908.)

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 1st *day of* April, *192* 7.

RHEA LUPER
State Engineer.

Recorded in State Record of Water Right Certificates, Volume 7, *page* 7148

HAROLD L. CENTER
Registered Land Surveyor * Certified Water Right Examiner
2604 David Lane – Medford, Oregon 97504
541-535-6108 – Fax 541-535-8752

July 16, 2011

Dorothy Pedersen
Transfer Program Advisor
Oregon Water Resources Department
725 Summer St. NE, Suite A
Salem, OR 97301-1266

Reference: T -9071 and T - 9072 Map Modifications

Ms. Pedersen,
Please refer to your e-mail message July 14, 2011. I have modified the COBU maps for the above referenced transfers as requested.

Please contact me if you have any questions

Sincerely,

HAROLD L. CENTER, P.L.S., C.W.R.E.

Enc: Mylar Prints

RECEIVED
JUL 20 2011
WATER RESOURCES DEPT
SALEM, OREGON

RECEIVED
SEP 07 2004
WATER RESOURCES DEPT
SALEM, OREGON

Date: August 30, 2004

Oregon Water Resources Department
725 Summer St. N.E., Suite A
Salem OR. 97301-1271

Dear Sir or Madam,

Enclosed please find our Claim of Beneficial Use Report and Final Proof Map for Permit No. 79836.

Sincerely,

Amos Y. Vahrenwald

Amos Y. Vahrenwald
4091 Holland Loop Road
Cave Junction, OR. 97523

Oregon Water Resources Department
725 Summer St. NE, Suite A
Salem, OR 97301-1271

CLAIM OF BENEFICIAL USE

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

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

I. General Information

RECEIVED
SEP 07 2004
WATER RESOURCES DEPT
SALEM, OREGON

1. Application number: T-9072

2. Permit number: 79836

3. County: Josephine

4. Tax Lot Information:

Tax map number	Tax lot number
40 8W 01	800
40 8W 01	803
40 8W 01	890

5. Date of Site Inspection: July 21, 2004

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

Name	Date	Association with the project
Amos Y. Vahrenwald	7-21-04	Landowner
Kevin O'Brien	7-21-04	IVSWCD – W.C. Coordinator

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

   a. Individuals

	Individual 1	Individual 2
Name	Amos Y. Vahrenwald	Norma Vahrenwald
Mailing Address	4091 Holland Loop Rd.	4091 Holland Loop Rd.
City/State/Zip	Cave Junction, OR 97523	Cave Junction, OR 97523

   b. Businesses/Organizations N/A

Name	
Contact Person and Title	

Mailing Address	
City/State/Zip	

8. Property owner (current owner information)

c. Individuals

Name	Amos Y. Vahrenwald	Norma Vahrenwald
Mailing Address	4091 Holland Loop Rd.	4091 Holland Loop Rd.
City/State/Zip	Cave Junction, OR 97523	Cave Junction, OR 97523
Phone #	(541) 592-2404	(541) 592-2404
Fax #		
e-mail address		

d. Businesses/Organizations N/A

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

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

9. If any property described in the permit or transfer final order is not included in this report, identify the owner of record for that property (ORS 537.230(3)): N/A

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

Name	
Contact Person and Title	
Mailing Address	
City/State/Zip	
Phone #	

Name	
Contact Person and Title	
Mailing Address	
City/State/Zip	
Phone #	

II. Points of Diversion/Appropriation and Place of Use

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

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

Point of diversion/appropriation name or number (correspond to map)	Well log ID # for all work performed on the well (if applicable)	Well tag # (if applicable)
Well No. 1	41845	L41845

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

2. Point of diversion/appropriation sources and tributary:

Source	Tributary to
Sucker Creek	Illinois River

3. Point of diversion/appropriation location:

(DLC, Government Lot, ¼ ¼, Section, Township, Range)	Reference to a recognized public land survey corner by distance and bearing or by coordinates
NE ¼ NW ¼ Section 1 T. 40 S., R. 2 W	126.47 ft. North 79.83 ft. West NW COR DLL 46

4. Use(s), period of use, and rate for each use:

Uses	When water is used	Rate for use
Irrigation	April 1 to October 31	1/80 C.F.S./acre

Total Quantity of Water

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

DLC	Gov lot	1/4 1/4	Section	Township	Range	Use	# of primary acres	# of supplemental acres
-	-	NENW	1	40	8W	1R	9.96	0.00
-	-	SENW	1	40	8W	1R	6.00	0.00

System Information:

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

1. Pump information

Brand	Model	Serial Number	Type	Intake size	Discharge size	Impeller
Berkley	6T-155	2366139020	Submersible	3 inch	3 inch	Stainless Steel

If a performance curve is available, attach to the claim

2. Motor information

Brand	Model	Horsepower	Max RPM	Voltage
Franklin	6T-155	15	3450	460 V

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

Make	Serial #	Condition	Current meter reading	Notes
Micrometer	04-4423-4	New	022219	6-21-04

4. Measurement device description N/A

Device description	Condition	Notes

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

Initial meter reading	Ending meter reading	Duration of time observed	Total pump output
022106 (Cubic Ft.)	022219 (Cubic Ft.)	1 hr.	8751 Gallons

6. Theoretical pump capacity

Horsepower	Operating psi	Lift from source to pump *If a well, the water level during pumping (see pump test results)	Lift from pump to place of use	Total pump output
15		See no. 7	200	190G.P.M.

7. Provide pump calculations in the box below:

Submersible Pump:
21' to static water level, 5 feet vertical to high point = 26 ft.
Pump Set to 200 feet depth.
2.54 X 74 = 187.96 + 26 = 213.96 HEAD

$$\frac{15\ (HP)\ 7.04\ (EFF)}{187.96 + 26} = \frac{105.60}{213.96} = 0.4936\ C.F.S. = 221.50\ GPM$$

Berkley Pump Curve for 6T-155 Submersible Turbine Operating with 215 HEAD, 15 HP = 190 GPM

8. Mainline information

Mainline size	Length	Type of pipe
4" Dia.	1700'	PVC

9. Handline information

Handline size	Length	Type of pipe
3"	360'	ALUM

10. Sprinkler information Make and model:

Make	Model	Size	Operating psi	Sprinkler output	Maximum number used	Total sprinkler output
Nelson/Rainbird	F33/30	3/16	70	8.5 GPM	11	93.5

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

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

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

Mainline is buried 4" diameter P.V.C. with risers, area is irrigated with two mechanical wheel line with mixed Rainbird and Nelson Model 30 H sprinklers. Single wheel line is described in No. 10.

III. CONDITIONS

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

1. **Time Limits:**

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

	Date	Explanation
Begin construction		
Complete construction		
Complete application of water	Oct. 1, 2004	

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

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

a. Was the water user required to submit annual static water level measurements? NO

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

a. Does the permit or transfer final order require the installation of a meter or approved measuring device? YES

b. Has a meter been installed? YES

c. Provide the date the meter was installed:

June, 2004

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

g. Have the reports been submitted? Not required

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

None

IV. Conclusions, Signatures

Permit and Transfer Final Order Rates and System Rates Comparisons:

POD or POA name or #	Rate allowed by permit or transfer final order	Calculated theoretical rate of water based on system	Actual amount of water measured (if measured)	# of acres allowed by permit or transfer final order	# of acres developed
Well No.1	0.20 cfs	0.49 cfs	0.32 cfs	15.96 Acres	15.96 Acres

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.

CWRE Statement, Seal and Signature

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

Harold L. Center
Certified Water Right Examiner
Oregon Certificate No. 152
Certificate Renewal 12/31/05
2604 David Lane
Medford, OR 97504
541-535-6108

Seal and Signature

Certified Water Right Examiner
152 WRE
Harold L. Center
May 17, 1988
STATE OF OREGON

RECEIVED
SEP 07 2004
WATER RESOURCES DEPT
SALEM, OREGON

Land Owners Signature or Acknowledgement

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.

Amos Y. Vahrenwald - AMOS Y. VAHRENWALD 8-30-04
Signature Print or type name Date

Norma L. Vahrenwald NORMA L. VAHRENWALD 8-30-04
Signature Print or type name Date

Completion Checklist for Claims of Beneficial Use

Application #_____
Permit #_____
Transfer # 9072

Date 16/Sept 2004
Reviewer SB

Map Review:

✓ Permanent quality map (mylar or linen)
✓ CWRE stamp and signature
✓ Disclaimer
✓ Application & permit #; or transfer #
✓ North arrow
✓ Township, range and section
✓ Appropriate scale (1" = 1320', 1" = 400', or scale of assessor's map)
_____ Source
_____ Point(s) of diversion
• Point(s) of diversion (coordinates)
✓ Conveyances (pump, pipelines, ditches, etc.)
_____ Place of use (1/4 1/4, DLC, or Gov Lot; if irrigation, # of acres in each subdivision)

Report Review:

✓ Application & permit #; or transfer #
✓ CWRE stamp and signature
✓ Permittee's signature
✓ Time limits
_____ Date of survey
_____ Type of use
_____ Extent of use
_____ Source(s) of water
_____ Rate and Duty
_____ Diversion rate for each use
_____ Description of conveyances system (from POD to POU)
_____ Diversion works description (pump make, serial model, capacity, and description)
_____ System capacity
- _____ Calculated capacity of system
  - OR
- _____ Measured amount of use

_____ Permit conditions
- _____ Fish screening
- _____ Meter/measuring device
- _____ Water use reporting
- _____ Other conditions

Certificate Issuance Processing Checklist

_____Map and COBU reviewed
_____Conflict check (include copy of plat card printout)
_____Check current ownership

Can certificate be processed further?
_____Yes
_____No

If "No" why? _____
_____
_____
_____
_____

If "Yes":
_____Proposed
_____Final Certificate #_____

Mailing list:

Proposed:

Final:

RR from Cert 7148

STATE OF OREGON

COUNTY OF JOSEPHINE

CERTIFICATE OF WATER RIGHT

THIS CERTIFICATE ISSUED TO

H. B. REED (SUCCESSOR IN INTEREST TO SAMUEL MILLER AND HATTIE MILLER)
KERBY, OREGON 97531

confirms the right to use the waters of SUCKER CREEK, a tributary of EAST FORK ILLINOIS RIVER, for IRRIGATION OF 100.5 ACRES, BEING 85.0 ACRES FOR TRACT 1 AND 15.5 ACRES FOR TRACT 2.

This right was confirmed by decree of the Circuit Court of the State of Oregon for JOSEPHINE County. The decree is of record at Salem, in the Order Record of the WATER RESOURCES DIRECTOR, in Volumes 1 AND 5, at Pages 253 AND 398. The date of priority is 1872 FOR TRACT 1 (Note: this right is supplemented by water from Gravelly Slough under a priority date of 1903 and from springs in SE¼ of Section 36, T 39 S, R 8 W, W.M. under a priority date of 1878) AND 1908 FOR TRACT 2 (Note: this right is supplemented by water from Gravelly Slough under a priority date of 1908).

The amount of water to which this right is entitled is limited to an amount actually beneficially used and shall not exceed 1.7 CUBIC FEET PER SECOND FOR TRACT 1, AND 0.19 CUBIC FOOT PER SECOND FOR TRACT 2 or its equivalent in case of rotation, measured at the point of diversion from the source, and that the use of water for irrigation purposes shall be confined to the season April 1 to October 31 of each year.

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

	TRACT 1	TRACT 2
SW¼ SW¼	25.00 ACRES	
SE¼ SW¼	26.00 ACRES	
SW¼ SE¼		2.00 ACRES

SECTION 36

TOWNSHIP 39 SOUTH, RANGE 8 WEST, W.M.

NE¼ NW¼	7.00 ACRES	12.00 ACRES
NW¼ NW¼	27.00 ACRES	1.50 ACRES

SECTION 1

TOWNSHIP 40 SOUTH, RANGE 8 WEST, W.M.

This certificate describes that portion of the water right confirmed by Certificate 7148, State Record of Water Right Certificates, NOT modified by the provisions of an order of the Water Resources Director entered 1/2/2003, approving Transfer Applications 9071 AND 9072.

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

The right to the use of the water for the above purpose is restricted to beneficial use on the lands or place of use described and is subject to all other conditions and limitations contained in said decree.

WITNESS the signature of the Water Resources Director, affixed JAN 0 2 2003.

for Paul R. Cleary, Director

Recorded in State Record of Water Right Certificates numbered 79836.

Dorothy Pedersen

From: Kathy Smith

Sent: Thursday, July 14, 2011 9:06 AM

To: Dorothy Pedersen

Subject: T9702

Hi Dorothy,
I'm sorry I had to end our conversation abruptly yesterday but it was the miner's attorney calling so it was good I took the call. Here's the contact for T9702

Norma Vahrenwald
c/o Anne Atkin (Norma's daughter)
553 S. Hickory Blvd
Pleasant Hill, Iowa 50327

Kathy Smith
Watermaster, District 14
541-471-2886, ext. 223
Fax: 541-471-2876

Sent: Monday, June 27, 2011 4:05 PM
To: Dorothy Pedersen
Subject: RE: T-9072 possible corrections

Hi Dorothy,
Attached is the scanned map for the GW application that was cancelled.

From: Dorothy Pedersen
Sent: Monday, June 27, 2011 3:32 PM
To: Kathy Smith; Mary Rohling
Subject: T-9072 possible corrections

I think I finally got to the bottom of what was supposed to change in T-9072. I compared the maps and orders for T-9071, T-9072 and T-8175, and originating certificates 8147 and 63788 with remaining right certificates 79836 (T-9071 & T-9072) and 81306 (T-8175). It appears that all Certificates 8147 and 63788 were cancelled and 79836 and 81306 were correctly issued.

However, I found apparent errors in how some of the acreage was described in the T-9072 order. My suggested corrections are marked on the scanned order attached. I'll prepare a draft superseding/correcting order for Dwight to sign if he agrees.

The Final Proof map for T-9071 has an error in the ¼ ¼ label (should be NE NW instead of SE NW). The Final Proof map for T-9072 appears to have acreage inaccurately labeled by ¼ ¼ and water right. My suggested revision is attached.

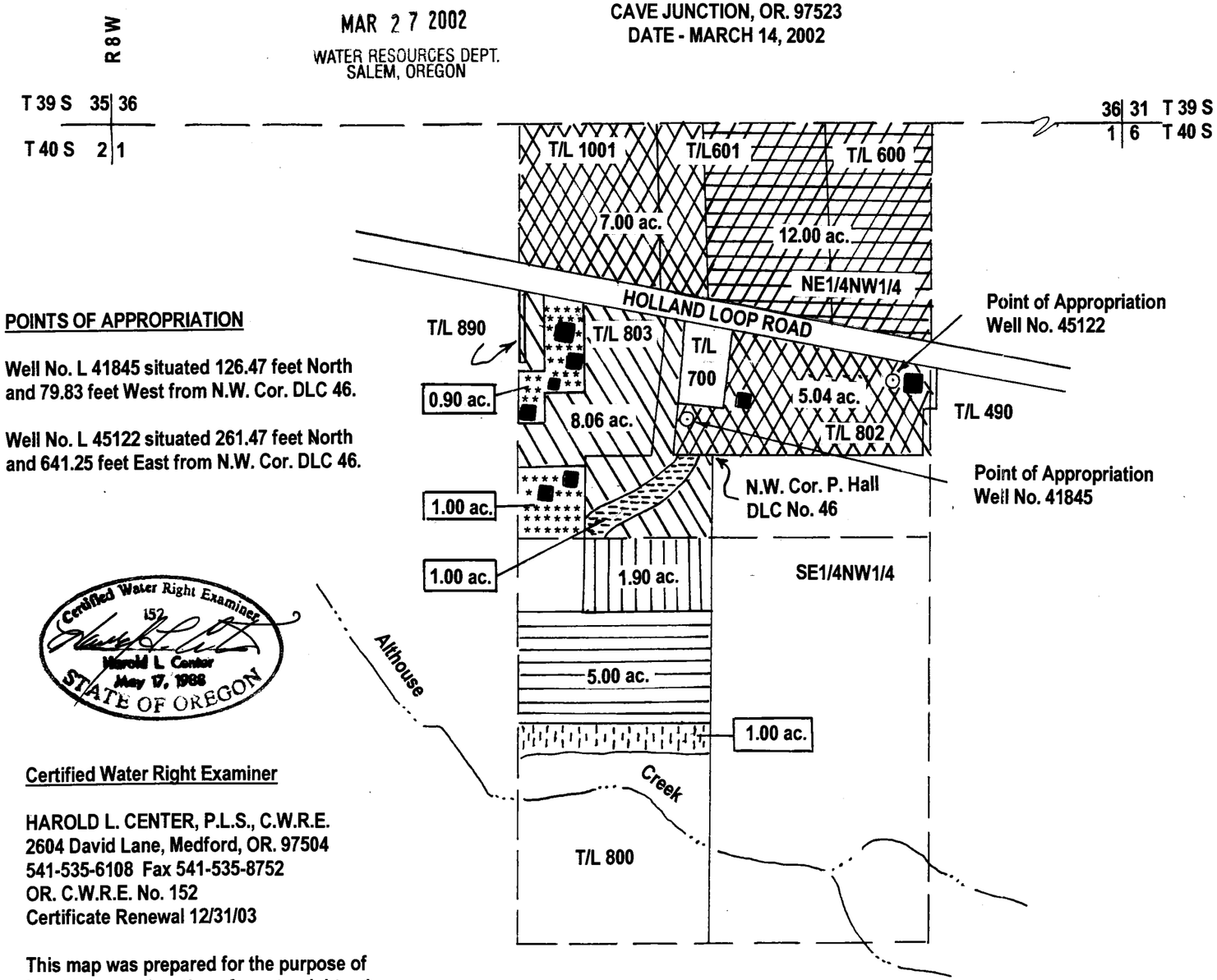
I've scanned the transfer application maps for each of these transfers and linked them with WRIS so that they are available under "View all scanned documents". Hopefully that will clear things up.

Let me know if I missed something or got it wrong.

Dorothy Pedersen
Transfer Program Advisor
Oregon Water Resources Department
725 Summer St. NE, Suite A
Salem, OR 97301-1266
(503) 986-0890

MAP OF WATER RIGHT TRANSFER
SITUATED IN
NE1/4NW1/4 AND SE1/4NW1/4 SECTION 1
TOWNSHIP 40 SOUTH, RANGE 8 WEST, W. M.
FOR
AMOS Y. AND NORMA L. VAHRENWALD
4091 HOLLAND LOOP ROAD
CAVE JUNCTION, OR. 97523
DATE - MARCH 14, 2002

RECEIVED
MAR 27 2002
WATER RESOURCES DEPT.
SALEM, OREGON



T-9072

POINTS OF APPROPRIATION

Well No. L 41845 situated 126.47 feet North and 79.83 feet West from N.W. Cor. DLC 46.

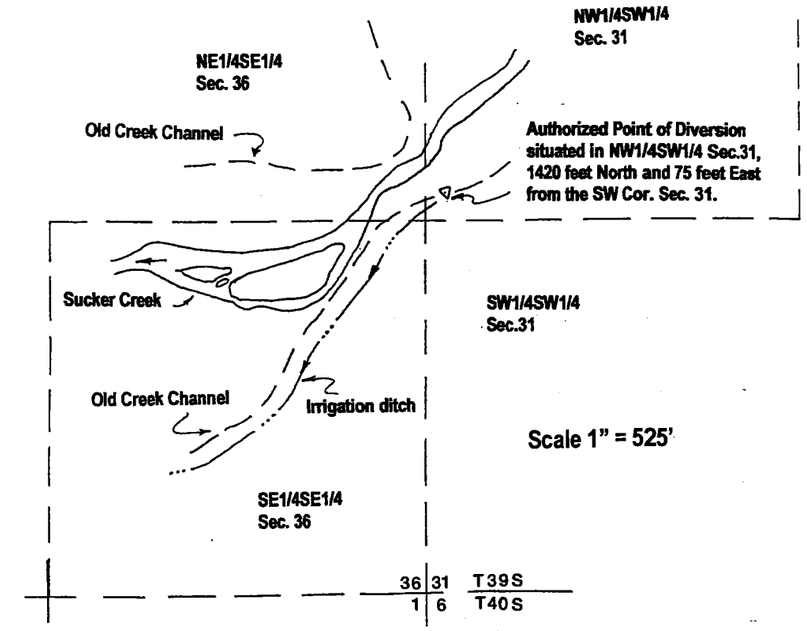
Well No. L 45122 situated 261.47 feet North and 641.25 feet East from N.W. Cor. DLC 46.

Certified Water Right Examiner
152
Harold L. Center
May 17, 1988
STATE OF OREGON

Certified Water Right Examiner

HAROLD L. CENTER, P.L.S., C.W.R.E.
2604 David Lane, Medford, OR. 97504
541-535-6108 Fax 541-535-8752
OR. C.W.R.E. No. 152
Certificate Renewal 12/31/03

This map was prepared for the purpose of Identifying the location of a water right only And is not intended to provide the legal Dimensions or location of property ownership.



LEGEND

Scale 1" = 400'

- Denotes drainage or ditch
- Existing building or structure, location approximate
- Denotes area under Certificate No. 7148, Priority date 1872, Certificate No. 63788, Priority date 1919, supplemental right.
- Denotes remaining right area under Certificate No 7148, Priority date 1872, Certificate No. 63788, Priority date 1919.
- Transfer from (1.90 acres) per Certificate No. 7148, Priority Date 1872, Certificate No. 63788, Priority date 1919, supplemental right.
- Transfer to (1.90 acres) per Certificate No. 7148, Priority date 1872, Certificate No. 63788 Priority date 1919, supplemental right.
- Transfer from (1.00 acres) per Certificate No. 63788, Priority date 1919.
- Transfer to (1.00 acres) per Certificate No. 63788, Priority date 1919.
- Denotes remaining right area under Certificate No. 7148, Priority date 1908.
- Denotes area under Certificate No. 63788, priority date 1919.

Dorothy Pedersen

From: Dorothy Pedersen
Sent: Tuesday, June 28, 2011 12:22 PM
To: Kathy Smith
Subject: RE: T-9072 possible corrections

Kathy,

Thanks. Yes, I see that as of 1985 the water user gave us this evidence of the location of the 5 acres in SE NW. I found the original map and scanned it into WRIS. It makes a much clearer copy that you can now access by clicking on the "view all scanned documents" for T-5312.

So, I conclude that the location of the 5.0 acres with a POD change only is in the north part of that ¼ ¼. Therefore, the location of the 1.9 acres and the 1.0 acre need to be moved within the ¼ ¼ to avoid a conflict. I'll make notes in the T-9072 file. Maybe we can just consider the shuffling as part of the proving up process. We'll need changes to be made in the COBU map for T-9072 anyway, since it did not identify the breakdown by water rights.

And, I need to discuss with Dwight how to treat the omission of the 1.0 acre of Cert 7148 that was layered with the 1.0 acre of Cert 63788 that moved. The rules say that a layered water right that is not moved gets cancelled, but our order did not cancel it. Or, we could consider it a scrivener's error that it was omitted. I'll see what Dwight thinks, then probably include resolution in the correcting order.

Thanks for your help.

Dorothy

From: Kathy Smith
Sent: Tuesday, June 28, 2011 11:26 AM
To: Dorothy Pedersen
Subject: RE: T-9072 possible corrections

Hi Dorothy,
I scanned the application map for T5312.

From: Dorothy Pedersen
Sent: Tuesday, June 28, 2011 10:37 AM
To: Kathy Smith
Subject: RE: T-9072 possible corrections

Kathy,

What application was that map for? I pulled the file for withdrawn GW application G-15638 and it does not match it. The G-15638 application map is now scanned into WRIS.

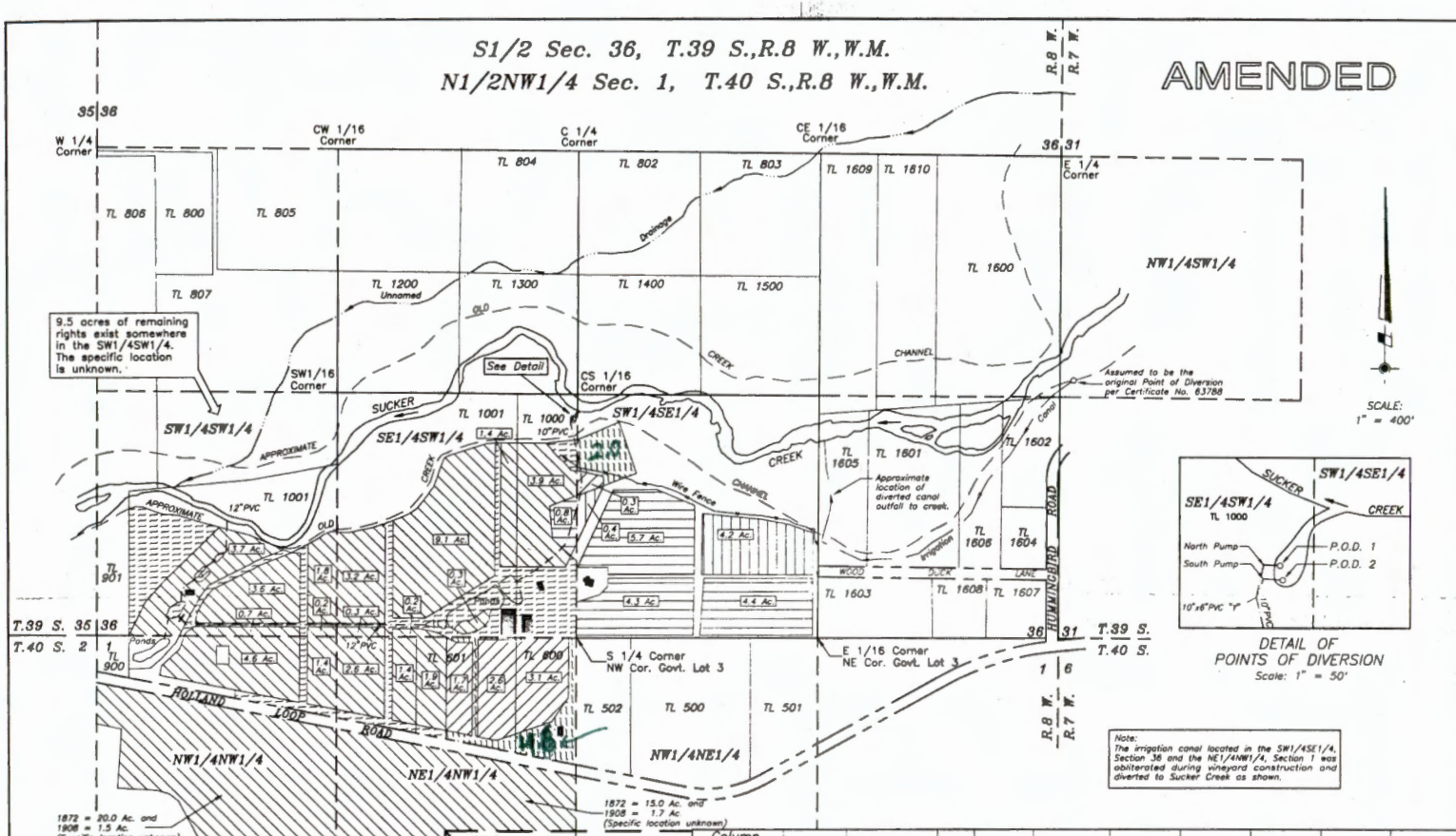
Your thought that the 5.0 acres under Certificate 63788 was in the northernmost portion of SE NW makes logical sense, since they only developed 5.0 of the 18.0 acres shown in the original application map and the ditch appears to come from the north. However, I haven't so far seen anything that makes me convinced that it is in a place other than where the T-9072 map shows it to be. Do you have any other information or thoughts to tip the balance that way?

Dorothy

From: Kathy Smith

S1/2 Sec. 36, T.39 S.,R.8 W.,W.M.
N1/2NW1/4 Sec. 1, T.40 S.,R.8 W.,W.M.

AMENDED



Note:
The irrigation canal located in the SW1/4SE1/4, Section 36 and the NE1/4NW1/4, Section 1 was obliterated during vineyard construction and diverted to Sucker Creek as shown.

LEGEND:

- Existing Place of Use (100.0 Acres) per Certificate No. 7148 (Priority Date = 1872)
- Transfer From (15.2 Acres) per Certificate No. 7148 (Priority Date = 1872)
- Transfer To (15.2 Acres) per Certificate No. 7148 (Priority Date = 1872)
- Existing Place of Use (15.5 Acres) per Certificate No. 7148 (Priority Date = 1908)
- Transfer From (4.6 Acres) per Certificate No. 7148 (Priority Date = 1908)
- Transfer To (4.6 Acres) per Certificate No. 7148 (Priority Date = 1908)
- Existing Building (Approximate location)
- Existing Underground Pipeline (sizes as shown) (Approximate location)

Assumed original Point of Diversion per Certificate No. 63788 is located in the NW1/4SW1/4, Sec. 31, T.39S.,R.7W.,W.M.; Irrigation Canal - 1420'N & 75'E from SW cor., Sec. 31

Proposed Primary Points of Diversion per this Application

P.O.D. 1 23'W & 1211'N from SE cor. of SE1/4SW1/4 Sec. 36, being within SE1/4SW1/4, Sec. 36, T.39S.,R.8W.,W.M.

P.O.D. 2 21'W & 1201'N from SE cor. of SE1/4SW1/4 Sec. 36, being within SE1/4SW1/4, Sec. 36, T.39S.,R.8W.,W.M.

This plat was prepared for the purpose of identifying the location of the water right only. There is no intent to provide dimensions or locations of property ownership lines.

Column Heading	A	B	C	D	F	G	H	I	J	(G+J)
	Certificate No.	Priority Date	Pri./ Sup.	Original Area	Bridgeview Property	Remaining Properties	Transfer From	Transfer To	Proposed Area (Bridgeview)	Proposed New Total
Section 36 T.39 S., R.8 W.										
SW1/4SW1/4	7148	1872	P	25.0 Ac.	15.5 Ac.	9.5 Ac.	5.5 Ac.		10.0 Ac.	19.5 Ac.
SE1/4SW1/4	7148	1872	P	26.0 Ac.	26.0 Ac.		7.6 Ac.	0.8 Ac.	19.2 Ac.	19.2 Ac.
SW1/4SE1/4	7148	1872	P					14.4 Ac.	14.4 Ac.	14.4 Ac.
		1908	P	2.0 Ac.	2.0 Ac.		1.7 Ac.	4.6 Ac.	4.9 Ac.	4.9 Ac.
Section 1 T.40 S., R.8 W.										
NE1/4NW1/4	7148	1872	P	22.0 Ac.	7.0 Ac.	15.0 Ac.	1.1 Ac.		5.9 Ac.	20.9 Ac.
	7148	1908	P	12.0 Ac.	10.3 Ac.	1.7 Ac.	2.9 Ac.		7.4 Ac.	9.1 Ac.
NW1/4NW1/4	7148	1872	P	27.0 Ac.	7.0 Ac.	20.0Ac.	1.0 Ac.		6.0 Ac.	26.0 Ac.
	7148	1908	P	1.5 Ac.		1.5 Ac.				1.5 Ac.
TOTALS:		1872	P	100.0 Ac.	55.5 Ac.	44.5 Ac.	15.2 Ac.	15.2 Ac.	55.5 Ac.	100.0 Ac.
		1908	P	15.5 Ac.	12.3 Ac.	3.2 Ac.	4.6 Ac.	4.6 Ac.	12.3 Ac.	15.5 Ac.

WATER RIGHT APPLICATION AND TRANSFER MAP

LOCATED IN S1/2 Sec. 36, T.39 S.,R.8 W.,W.M. & N1/2NW1/4 Sec. 1, T.40 S.,R.8 W.,W.M. Josephine County, Oregon

SURVEYED BY: WICKS ENGINEERING & SURVEYING, 311 N.E. "D" Street, Grants Pass, Oregon 97526, Tel. (541) 479-3436

SURVEYED FOR: BRIDGEVIEW VINEYARDS WINERY, 4210 Holland Loop Road, Cave Junction, OR. 97523, Tel. (541) 592-4688

CERTIFIED WATER RIGHT EXAMINER 194 WRE Gerald D. Wicks MAY 17, 1995 STATE OF OREGON

Renewal Date: 6-30-04

PROJECT NO. 566-98-383

DRAWING NO. (KERNAN.DWG) 301-18.24 DW

DATE Nov. 11, 1998 REVISED 10-17-04

SCALE 1" = 400'

SHEET NO. 1 of 1

T-8175

FINAL PROOF SURVEY
SECTION 1, TOWNSHIP 40 SOUTH, RANGE 8 WEST, W.M.
JOSEPHINE COUNTY, OREGON

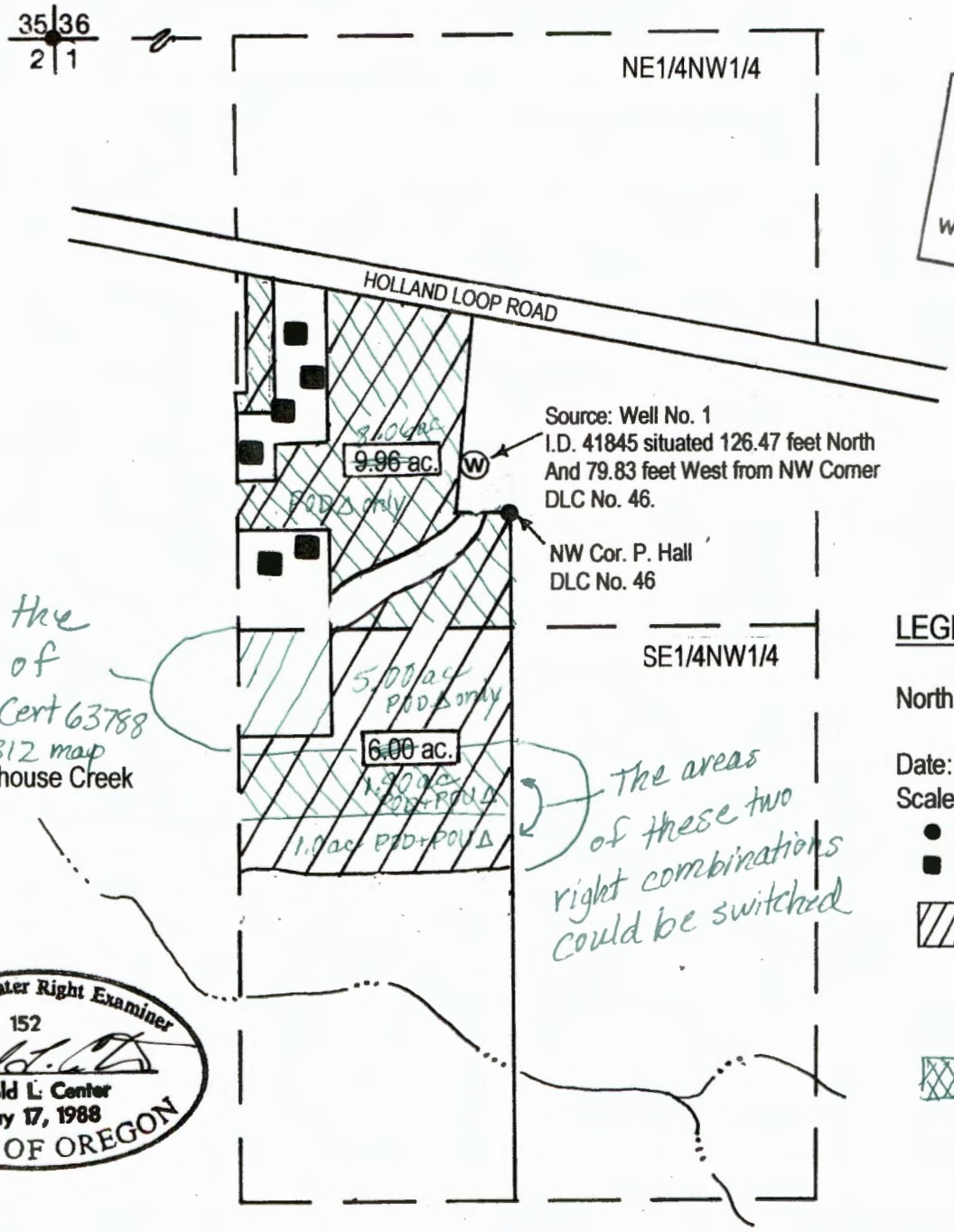
For

AMOS Y. and NORMA L. VAHRENWALD
4091 HOLLAND LOOP ROAD, CAVE JUNCTION, OR. 97523

Application G-15638, T-9072

Superseded by map received 7/25/11

RECEIVED
SEP 07 2004
WATER RESOURCES DEPT
SALEM, OREGON



Certified Water Right Examiner
152
Harold L. Center
May 17, 1988
STATE OF OREGON

Certified Water Right Examiner
HAROLD L. CENTER, P.L.S., C.W.R.E.
2604 David Lane – Medford, Or. 97504
541-535-6108, Fax 541-535-8752
Oregon C.W.R.E. No. 152
Certificate Renewal Date – 12-31-2005

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.

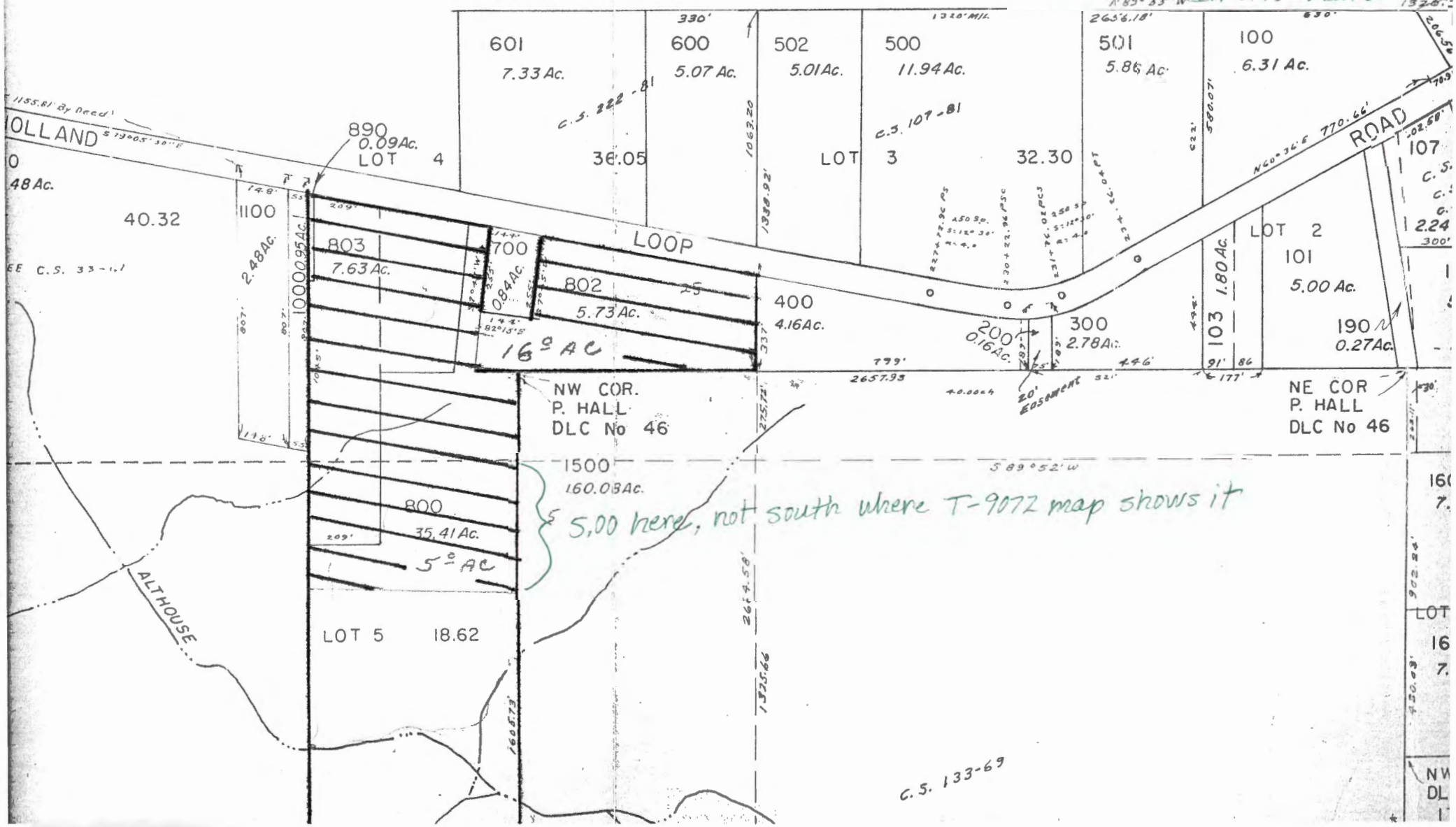
SECTION 1 T. 40 S. R. 8 W. W. M.
JOSEPHINE COUNTY

1" = 400'

SEE MAP 39 8 36

T-5312 application map

App S-6848/Permit S-4285 Cert 7770 → Cert 63788



Dorothy Pedersen

From: Dorothy Pedersen
Sent: Tuesday, June 28, 2011 12:22 PM
To: Kathy Smith
Subject: RE: T-9072 possible corrections

Kathy,

Thanks. Yes, I see that as of ~~1985~~ 1983 the water user gave us this evidence of the location of the 5 acres in SE NW. I found the original map and scanned it into WRIS. It makes a much clearer copy that you can now access by clicking on the "view all scanned documents" for T-5312.

So, I conclude that the location of the 5.0 acres with a POD change only is in the north part of that ¼ ¼. Therefore, the location of the 1.9 acres and the 1.0 acre need to be moved within the ¼ ¼ to avoid a conflict. I'll make notes in the T-9072 file. Maybe we can just consider the shuffling as part of the proving up process. We'll need changes to be made in the COBU map for T-9072 anyway, since it did not identify the breakdown by water rights.

And, I need to discuss with Dwight how to treat the omission of the 1.0 acre of Cert 7148 that was layered with the 1.0 acre of Cert 63788 that moved. The rules say that a layered water right that is not moved gets cancelled, but our order did not cancel it. Or, we could consider it a scrivener's error that it was omitted. I'll see what Dwight thinks, then probably include resolution in the correcting order.

Thanks for your help.

Dorothy

From: Kathy Smith
Sent: Tuesday, June 28, 2011 11:26 AM
To: Dorothy Pedersen
Subject: RE: T-9072 possible corrections

Hi Dorothy,
I scanned the application map for T5312.

From: Dorothy Pedersen
Sent: Tuesday, June 28, 2011 10:37 AM
To: Kathy Smith
Subject: RE: T-9072 possible corrections

Kathy,

What application was that map for? I pulled the file for withdrawn GW application G-15638 and it does not match it. The G-15638 application map is now scanned into WRIS.

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Dorothy

From: Kathy Smith

Sent: Monday, June 27, 2011 4:05 PM
To: Dorothy Pedersen
Subject: RE: T-9072 possible corrections

Hi Dorothy,
Attached is the scanned map for the GW application that was cancelled.

From: Dorothy Pedersen
Sent: Monday, June 27, 2011 3:32 PM
To: Kathy Smith; Mary Rohling
Subject: T-9072 possible corrections

I think I finally got to the bottom of what was supposed to change in T-9072. I compared the maps and orders for T-9071, T-9072 and T-8175, and originating certificates 8147 and 63788 with remaining right certificates 79836 (T-9071 & T-9072) and 81306 (T-8175). It appears that all Certificates 8147 and 63788 were cancelled and 79836 and 81306 were correctly issued.

However, I found apparent errors in how some of the acreage was described in the T-9072 order. My suggested corrections are marked on the scanned order attached. I'll prepare a draft superseding/correcting order for Dwight to sign if he agrees.

The Final Proof map for T-9071 has an error in the ¼ ¼ label (should be NE NW instead of SE NW). The Final Proof map for T-9072 appears to have acreage inaccurately labeled by ¼ ¼ and water right. My suggested revision is attached.

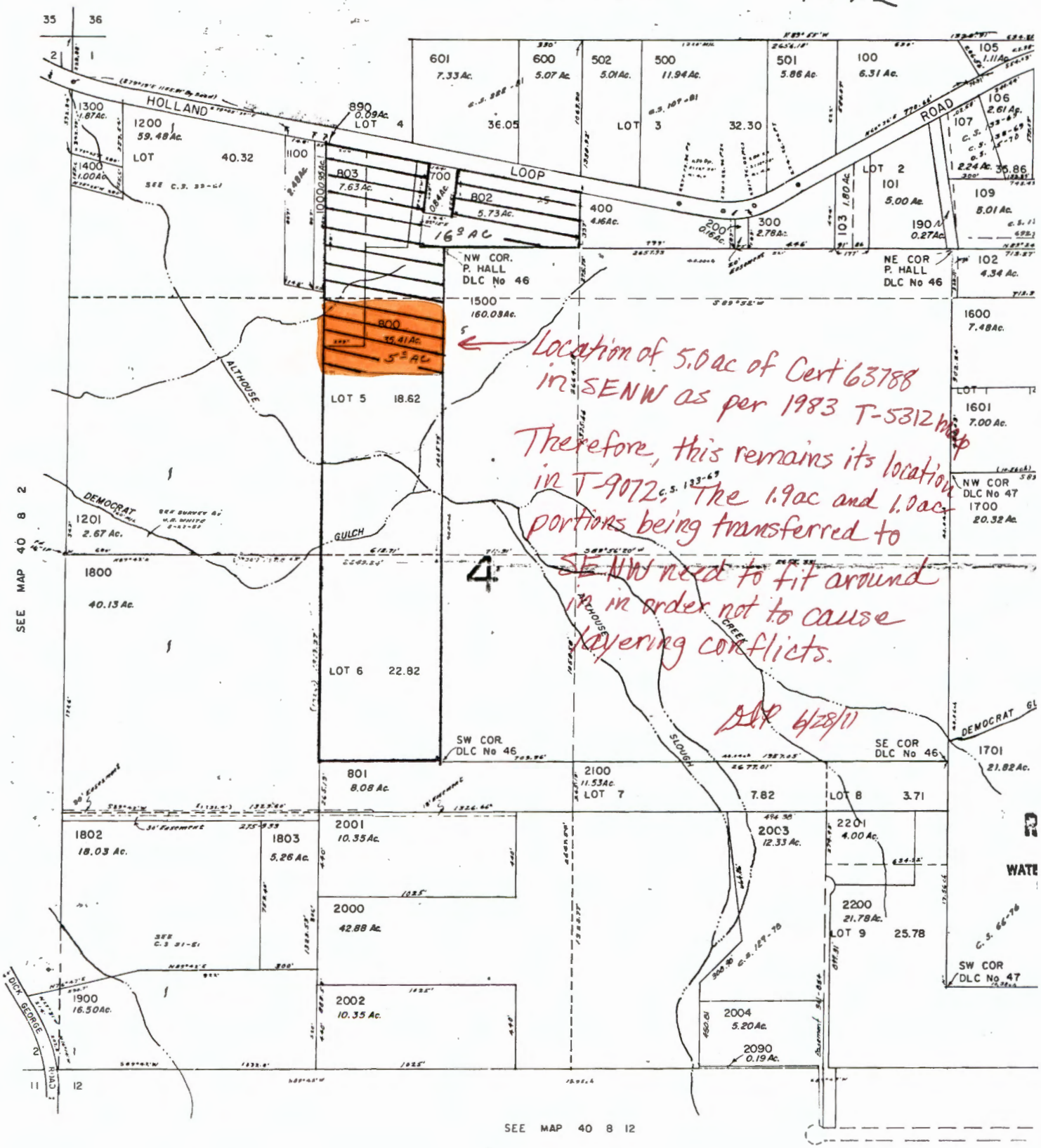
I've scanned the transfer application maps for each of these transfers and linked them with WRIS so that they are available under "View all scanned documents". Hopefully that will clear things up.

Let me know if I missed something or got it wrong.

Dorothy Pedersen
Transfer Program Advisor
Oregon Water Resources Department
725 Summer St. NE, Suite A
Salem, OR 97301-1266
(503) 986-0890

SECTION 1 T.40S. R.8W. W.M.
JOSEPHINE COUNTY
1"=400'

T-5312



BEFORE THE WATER RESOURCES DIRECTOR OF OREGON

JOSEPHINE COUNTY

IN THE MATTER OF THE APPLICATION OF AMOS VAHRENWALD FOR APPROVAL OF A CHANGE IN POINT OF DIVERSION OF WATER	)))	ORDER APPROVING TRANSFER 5312

On July 5, 1983, an application was filed in the office of the Water Resources Director by Amos Vahrenwald for approval of a change in point of diversion of water from Sucker Creek, pursuant to the provisions of ORS 540.510 to 540.530.

The certificate recorded at page 7770, Volume 7, State Record of Water Right Certificates, in the name of Artie E. Thomblinson, describes a right which includes the use of not to exceed 0.27 cubic foot per second from Sucker Creek, for irrigation of 16.0 acres in NE 1/4 NW 1/4 and 5.0 acres in SE 1/4 NW 1/4, Section 1, Township 40 South, Range 8 West, WM, with a date of priority of November 1, 1919.

Water for the said right is diverted, through the Thomblinson Ditch, from a point located 1650 feet North and 825 feet East from the Southwest Corner of Section 31, being within the NW 1/4 SW 1/4 of Section 31, Township 39 South, Range 7 West, WM.

The applicant herein, owner of the lands above described, proposes to change the point of diversion therefrom to a point located 1500 feet North and 10 feet East from the Southwest Corner of Section 31, being within the NW 1/4 SW 1/4 of Section 31, Township 39 South, Range 7 West, WM. The change in point of diversion is reported to be completed.

Robert B. Steimer, Watermaster, has filed a statement to the effect that the proposed change in point of diversion may be made without injury to existing rights.

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

NOW, THEREFORE, it hereby is ORDERED that the proposed change in point of diversion is approved, without loss of priority.

It is FURTHER ORDERED that the quantity of water diverted at the new point of diversion shall not exceed the quantity of water available at the old point of diversion under the subject right, and shall not exceed 0.27 cubic foot per second.

It is FURTHER ORDERED that the following provisions shall be effective when in the judgment of the Watermaster it becomes necessary to install headgates and measuring devices:

> That the diversion works shall include an in line flow meter, a weir, or other suitable device for measuring the water to which the applicant is entitled;
>
> That the type and plans of the measuring device be approved by the Watermaster before the beginning of construction work and that the weir or measuring device be installed under the general supervision of said Watermaster.

It is FURTHER ORDERED that the certificate recorded at page 7770, Volume 7, State Record of Water Right Certificates, is canceled; and in lieu thereof a new certificate be issued covering the balance of the right NOT involved in this proceeding; and upon proof satisfactory to the Water Resources Director of completion of works and beneficial use of water to the extent intended under the provisions of this order, a confirming certificate of water right shall be issued to the applicant herein.

Dated at Salem, Oregon this 25th day of January, 1984.

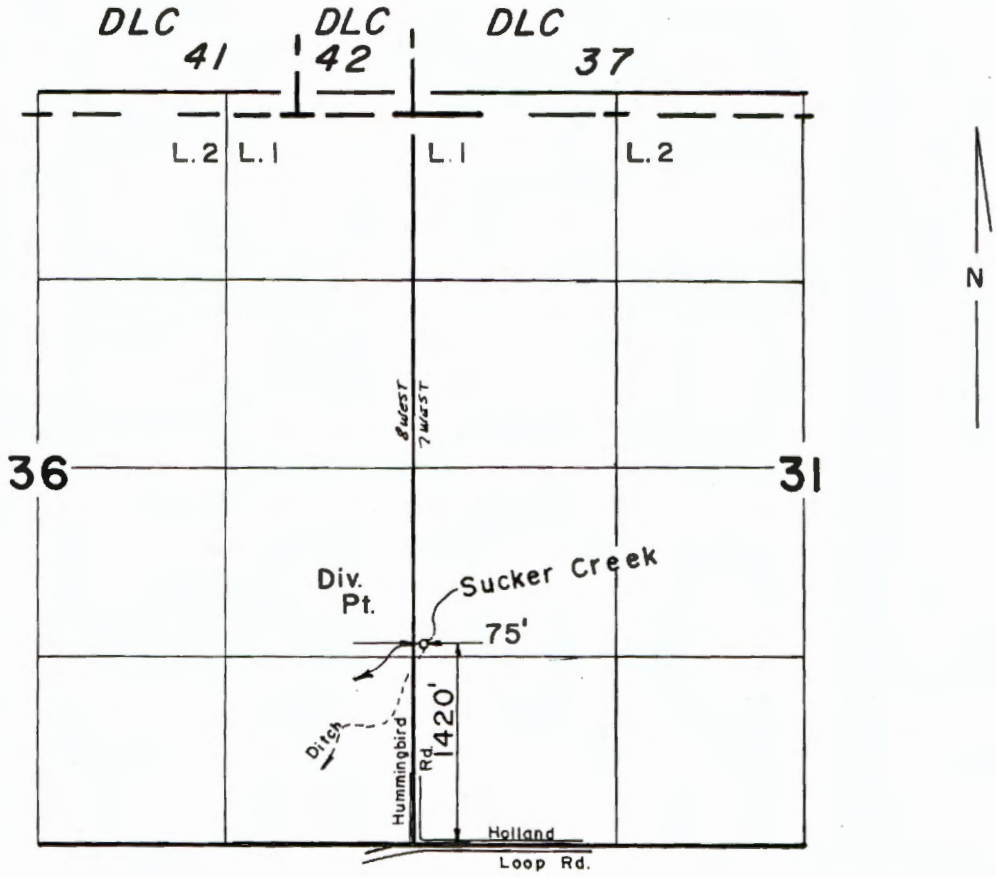
William H. Young
WILLIAM H. YOUNG
Director

NOTE: The approval of a water right transfer application does not confirm the status of the right in regard to the provisions of ORS 540.610 pertaining to forfeiture or abandonment.

0271C

90684

T. 39 S., R. 7 & 8 W. W. M.



Scale: 1" = 1320'

FINAL PROOF SURVEY

UNDER

TRANSFER NO. 5312

Application No. ..... Permit No. .....

IN NAME OF

AMOS VAHRENWALD

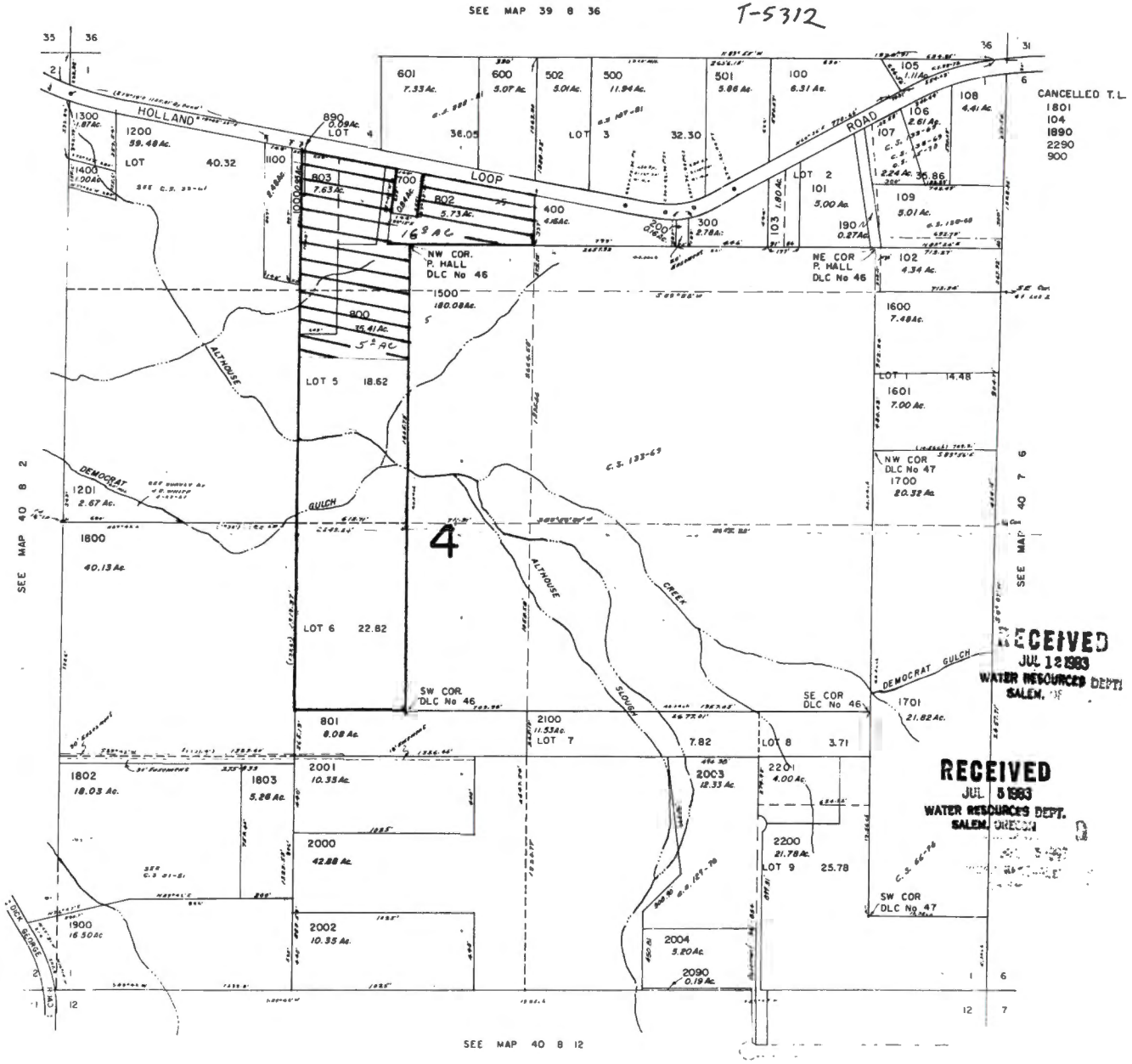
Surveyed MAY 13, 1986, by B. S. JAMES

41033-179-1901 LMJ

SECTION 1 T.40S. R.8W. W. M.
JOSEPHINE COUNTY

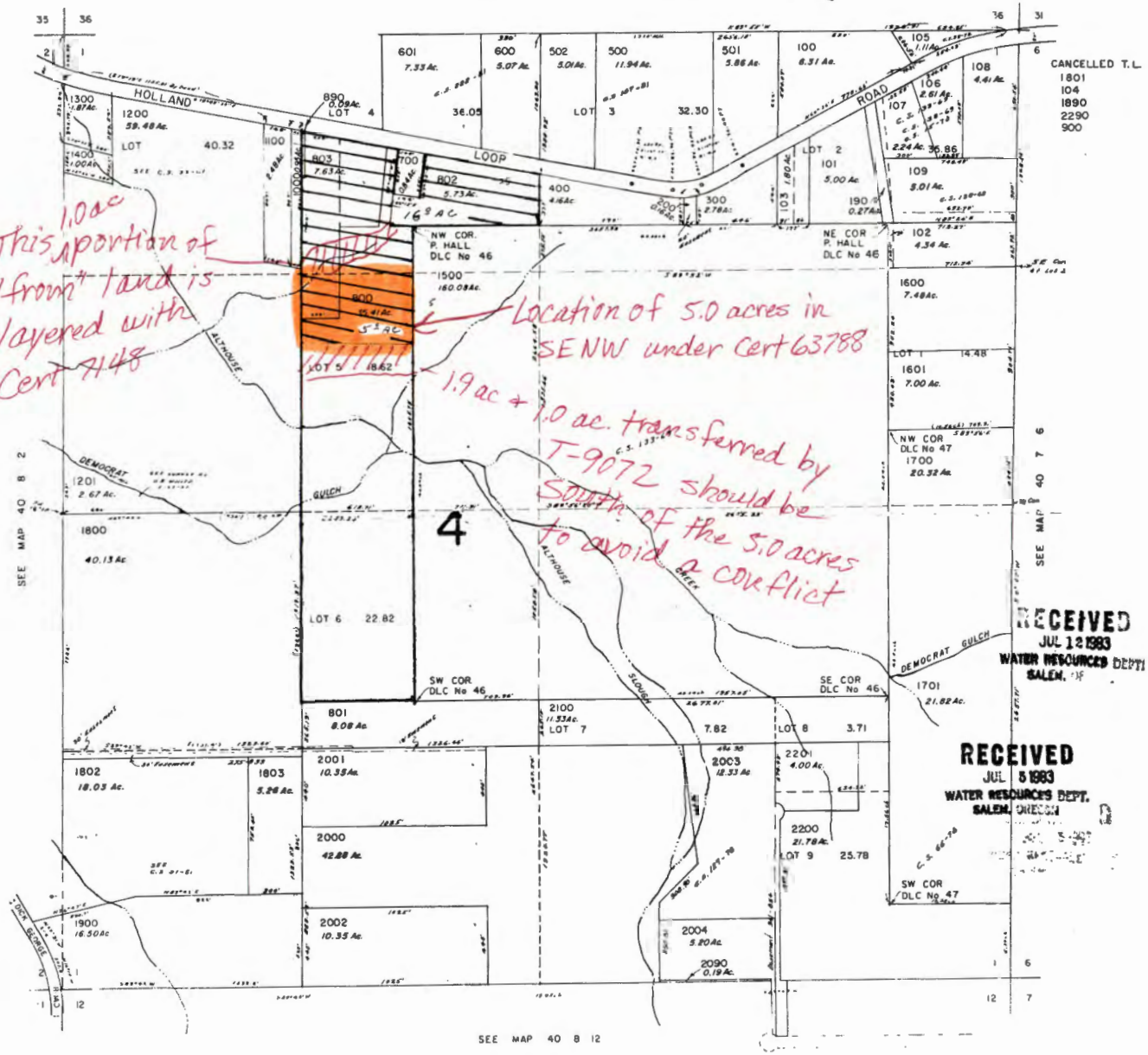
1"=400'

T-5312



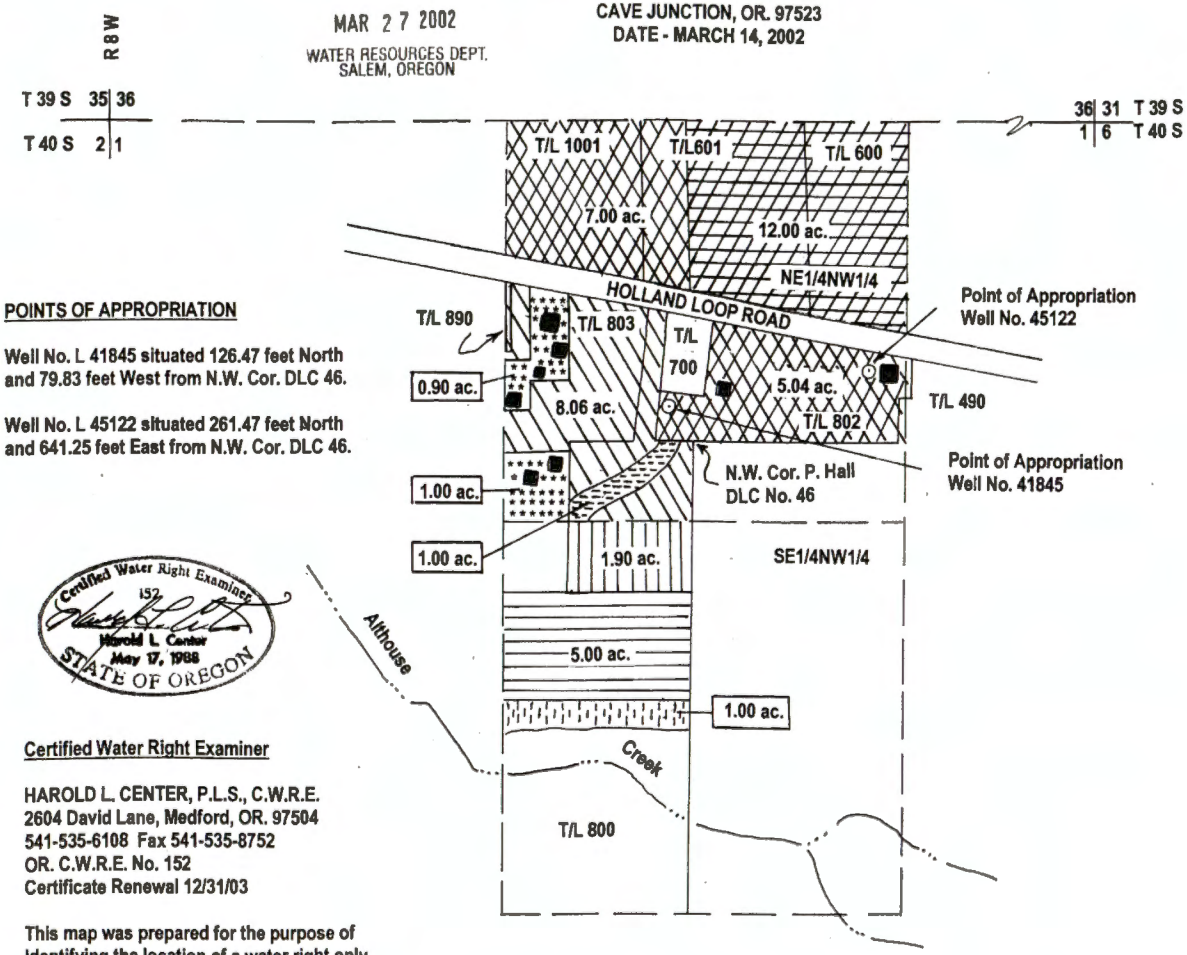
SECTION 1 T.40S. R.8W. W. M.
JOSEPHINE COUNTY
1"=400'

T-5312



MAP OF WATER RIGHT TRANSFER
SITUATED IN
NE1/4NW1/4 AND SE1/4NW1/4 SECTION 1
TOWNSHIP 40 SOUTH, RANGE 8 WEST, W. M.
FOR
AMOS Y. AND NORMA L. VAHRENWALD
4091 HOLLAND LOOP ROAD
CAVE JUNCTION, OR. 97523
DATE - MARCH 14, 2002

RECEIVED
MAR 27 2002
WATER RESOURCES DEPT.
SALEM, OREGON



T-9072

POINTS OF APPROPRIATION

Well No. L 41845 situated 126.47 feet North and 79.83 feet West from N.W. Cor. DLC 46.

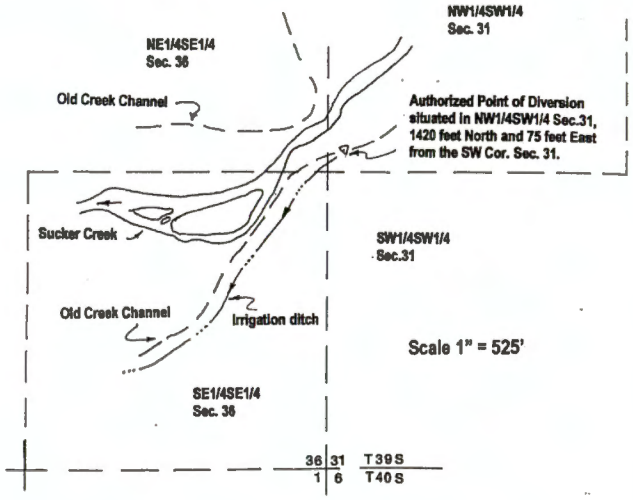
Well No. L 45122 situated 261.47 feet North and 641.25 feet East from N.W. Cor. DLC 46.

Certified Water Right Examiner
152
Harold L. Center
May 17, 1988
STATE OF OREGON

Certified Water Right Examiner

HAROLD L. CENTER, P.L.S., C.W.R.E.
2604 David Lane, Medford, OR. 97504
541-535-6108 Fax 541-535-8752
OR. C.W.R.E. No. 152
Certificate Renewal 12/31/03

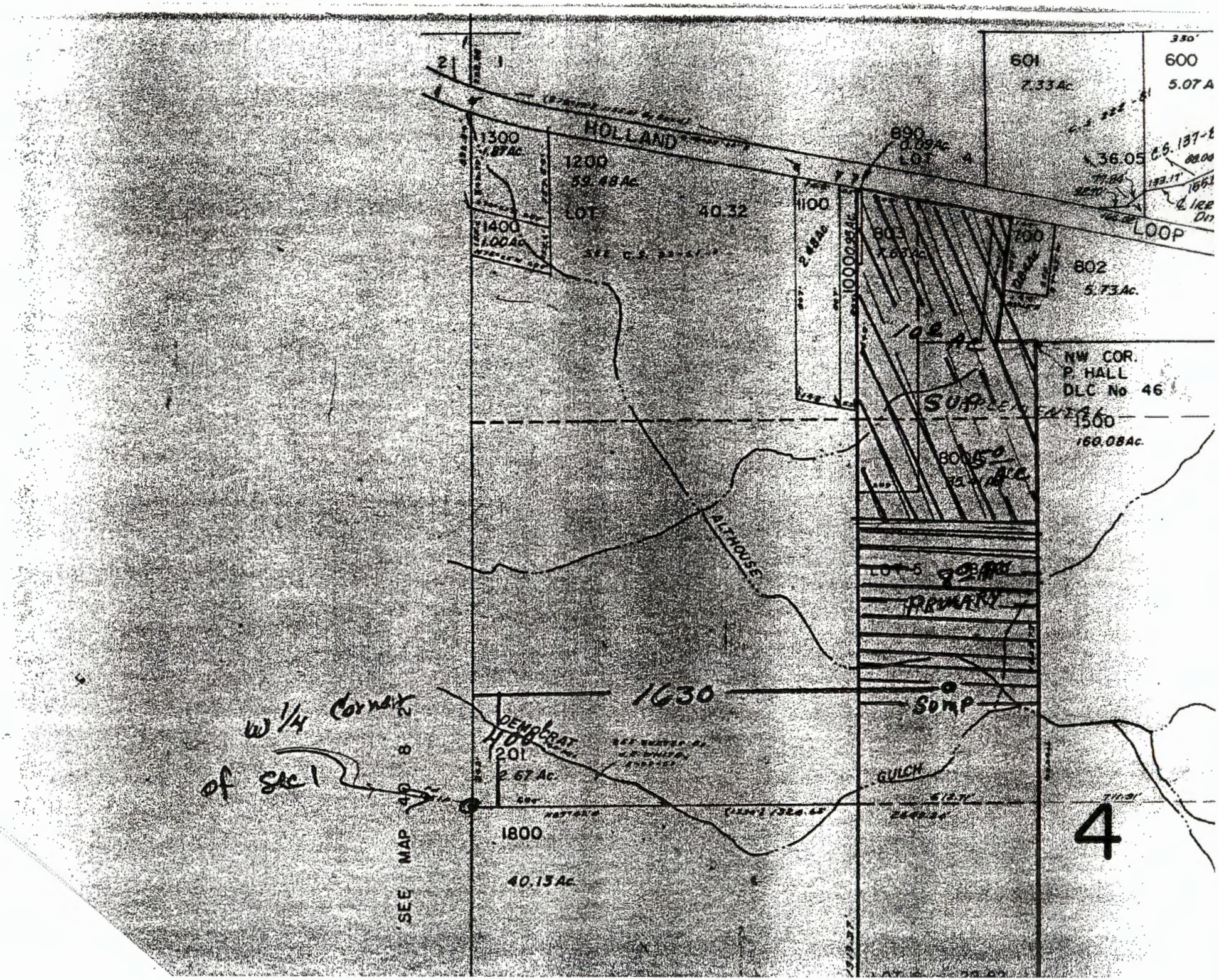
This map was prepared for the purpose of identifying the location of a water right only And is not intended to provide the legal Dimensions or location of property ownership.



LEGEND

Scale 1" = 400'

- Denotes drainage or ditch
- Existing building or structure, location approximate
- Denotes area under Certificate No. 7148, Priority date 1872, Certificate No. 63788, Priority date 1919, supplemental right.
- Denotes remaining right area under Certificate No 7148, Priority date 1872, Certificate No. 63788, Priority date 1919.
- Transfer from (1.90 acres) per Certificate No. 7148, Priority Date 1872, Certificate No. 63788, Priority date 1919, supplemental right.
- Transfer to (1.90 acres) per Certificate No. 7148, Priority date 1872, Certificate No. 63788 Priority date 1919, supplemental right.
- Transfer from (1.00 acres) per Certificate No. 63788, Priority date 1919.
- Transfer to (1.00 acres) per Certificate No. 63788, Priority date 1919.
- Denotes remaining right area under Certificate No. 7148, Priority date 1908.
- Denotes area under Certificate No. 63788, priority date 1919.


HOLLAND
LOOP
601
7.33 Ac.
600
5.07 A
1300
1.87 Ac.
1200
59.48 Ac.
LOT
40.32
1400
1.00 Ac.
1100
890
0.09 Ac.
LOT 4
36.05
802
5.73 Ac.
NW COR.
P. HALL
DLC No 46
1500
160.08 Ac.
ALTHOUSE
1630
SUMP
201
2.67 Ac.
GULCH
1800
40.13 Ac.
W 1/4 Corner of Sec 1
SEE MAP 4-8
4


Kerby Oregon
8/11/1998
1993
2005
Image U.S. Geological Survey
© 2011 Google
©2010 Goo


Kerby Oregon
8/5/2000
1993
2005
Image U.S. Geological Survey
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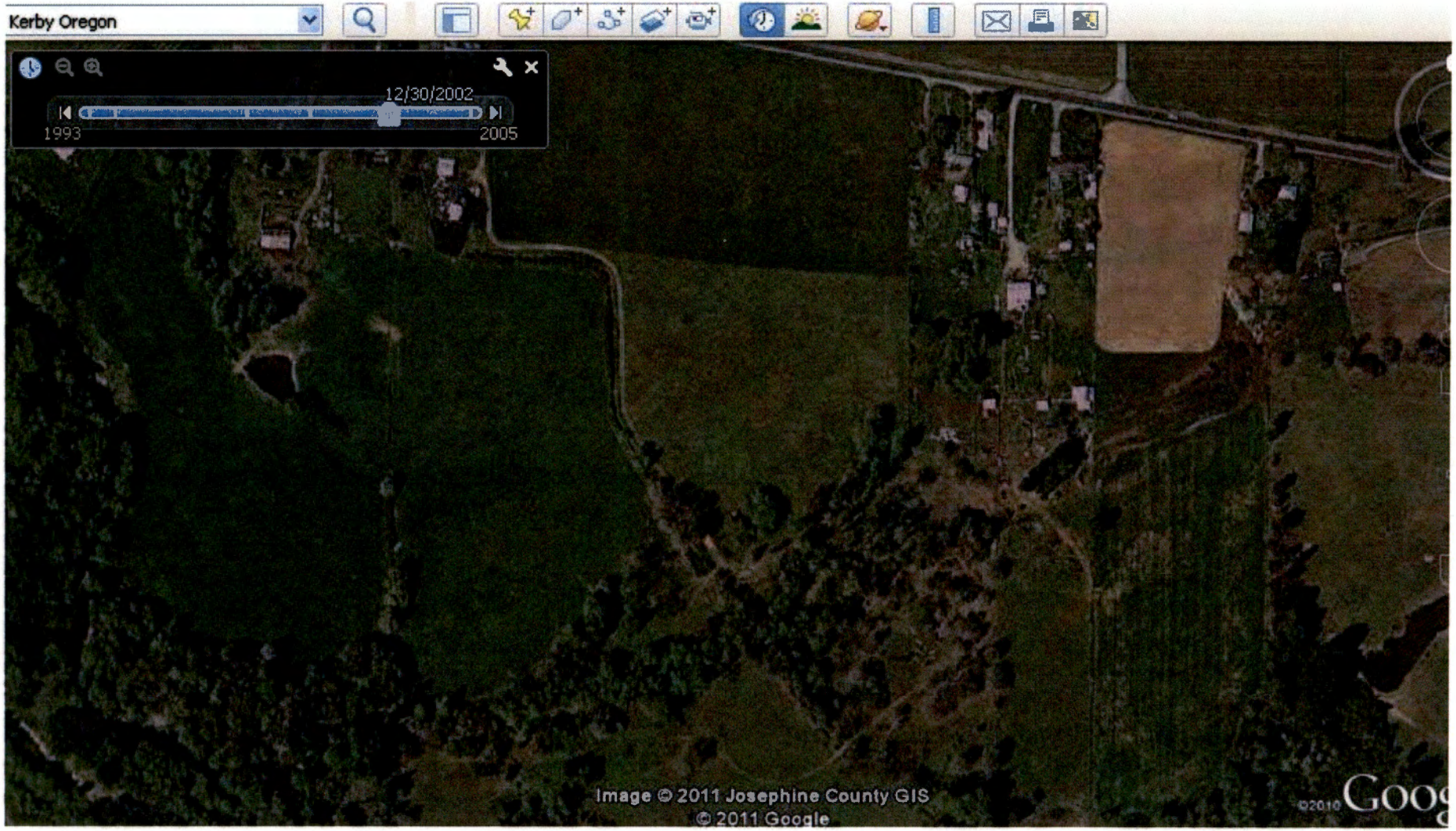
Kerby Oregon
12/30/2002
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Image © 2011 Josephine County GIS
© 2011 Google
©2010 Goog

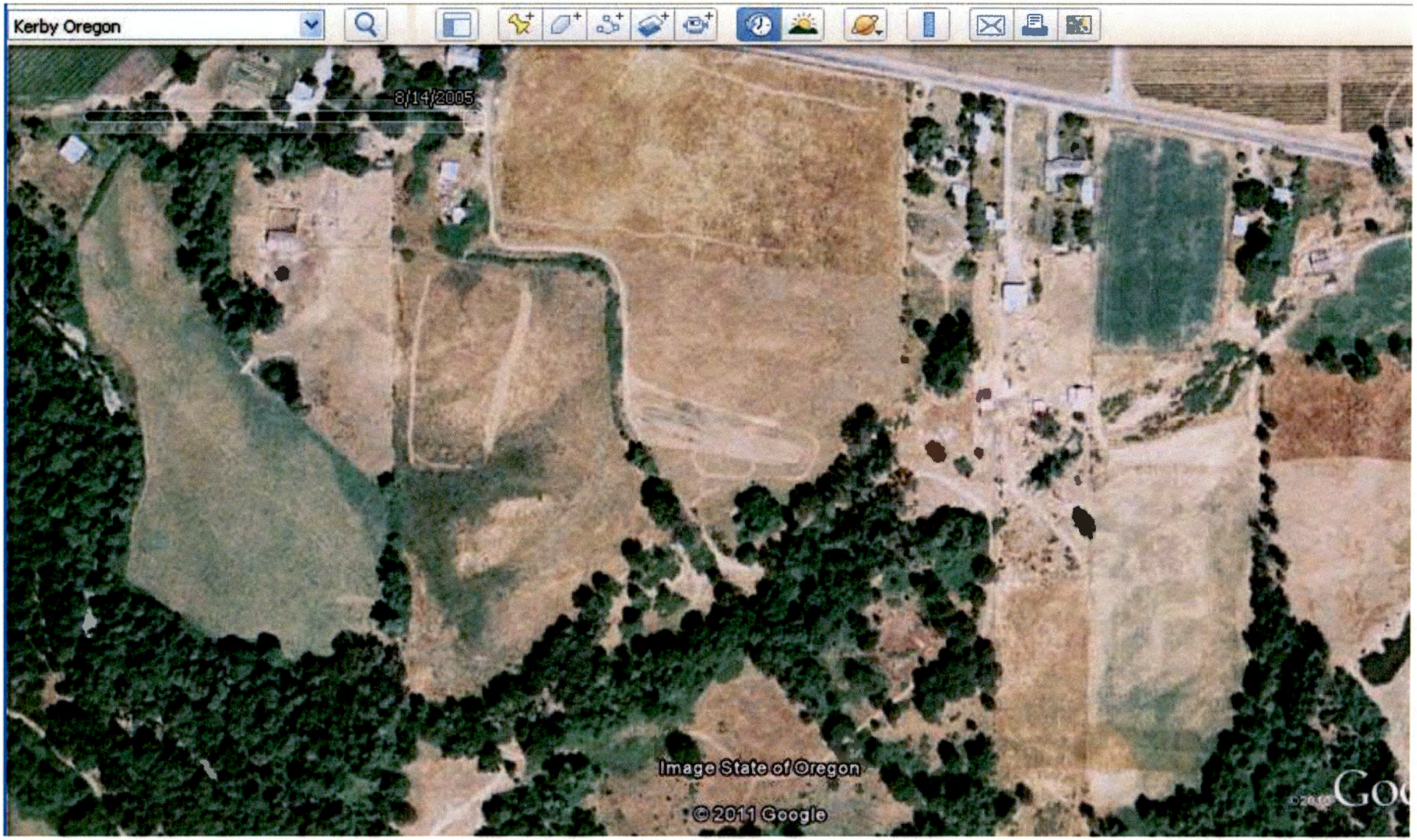
Kerby Oregon
8/14/2005
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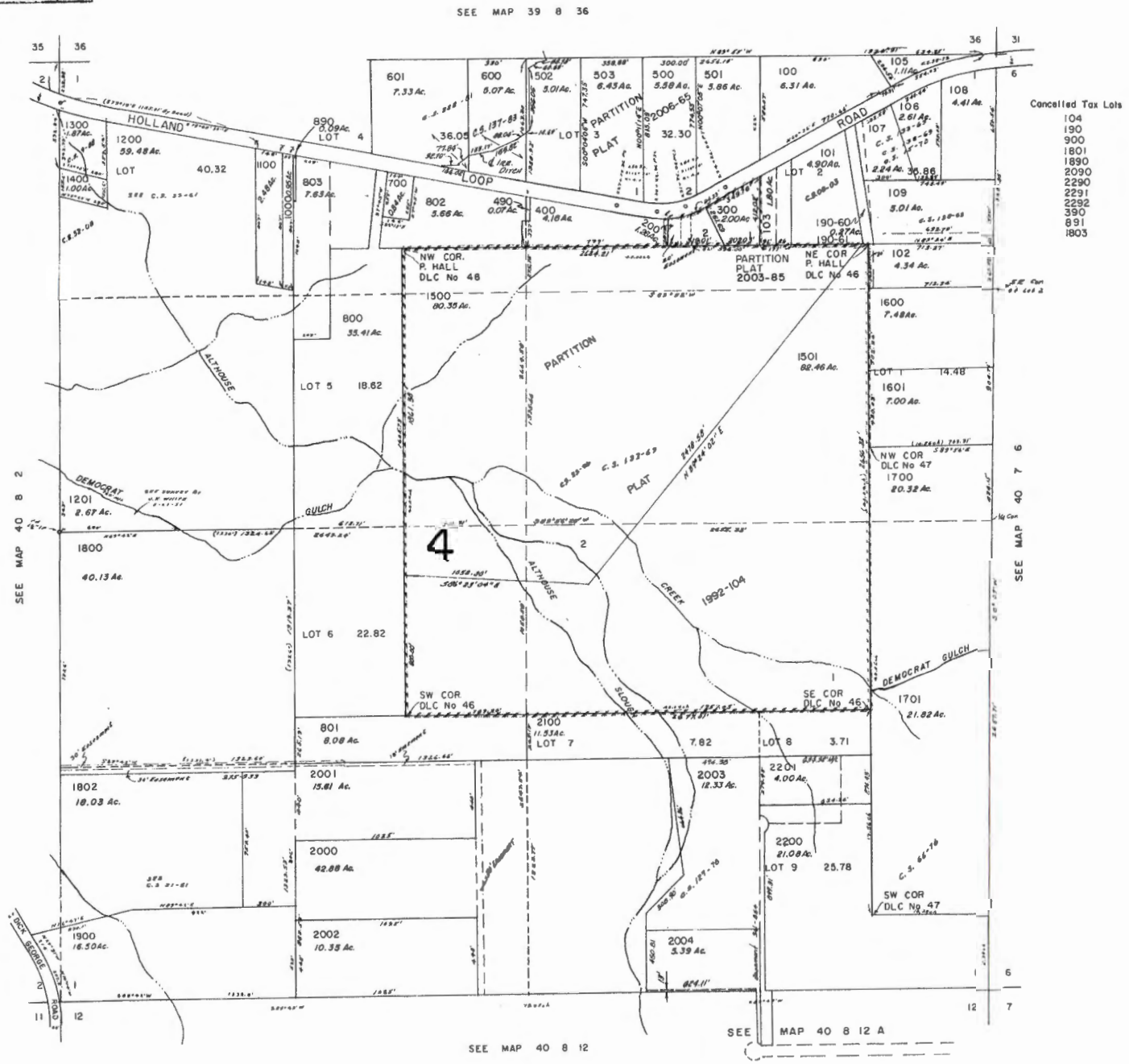
Image State of Oregon
© 2011 Google

SECTION 1 T.40S. R.8W. W. M.
JOSEPHINE COUNTY

1" = 400'

This map was prepared for assessment purpose only.



AFFIDAVIT FOR THE PARTIAL DIMINUTION OF A
WATER RIGHT CERTIFICATE

SEP 20 2002

State of Oregon)
) ss
County of JOSEPHINE)

I/We, AMOS AND NORMA VAHRENWALD, residing at 4091 HOLLAND LOOP CAVE JUNCTION, OR, phone _____, being first duly sworn depose and say:

1. I/We are the legal owner(s) of the property described as tax lot number _____, within the NE¼ NW¼, Section 1, Township 40 N/S, Range 8 E/(W), of the Willamette Meridian, in JOSEPHINE County, Oregon, as shown on the attached map and described in the attached deed and legal description and made part of this affidavit;

2. A portion of water right certificate number 63788 issued to AMOS VAHRENWALD, with a date of priority of NOV. 1, 1919 for use of 0.27 cubic foot per second of water from SUCKER CREEK (sources) for the purpose of IRRIGATION of 21 ACRES (uses) is appurtenant to my/our property;

3. I/We have obtained a BETTER SOURCE (better, more economical, etc) source of water for the primary irrigation of the portion of this water right shown on the attached map and described as :

   The right to the use of .13 cubic foot per second from SUCKER CREEK for the irrigation of 9.96 acres located:

   NE ¼ NW ¼ 9.96 Acres
   ____ ¼ ____ ¼ _____ Acres
   Section 1
   Township 40 N/(S) Range 8 E/(W) WM;

4. I/we request the right heretofore described be diminished from a right for primary irrigation to a right for supplemental irrigation of the above described lands; and

5. I/We agree that so long as there is sufficient water available from the new primary source, I am/we are not entitled to use any water from SUCKER CREEK for irrigation of said lands.

6. My/Our property ___ is / X is not within an irrigation district. If within, the name of the district is _____.

7. There ___ are/ X are not encumbrance holders for my/our property. If there are, a list of encumbrance holders with their addresses is attached.

Amos Vahrenwald — 9-16-02
Signature of Legal Owner — Date

Norma L Vahrenwald — 9-16-02
Signature of Co-Owner — Date

Subscribed and Sworn to Before Me this 16th day of Sept 2002.

OFFICIAL SEAL
DAWN M LE GAUX
NOTARY PUBLIC - OREGON
COMMISSION NO. 331200
MY COMMISSION EXPIRES FEB. 1, 2004

Dawn M. LeGaux
Notary Public for Oregon

My Commission Expires 2-1-2004

PLEASE ATTACH MAP AND DEED WITH LEGAL DESCRIPTION

COPY

MAP OF WATER RIGHT TRANSFER
SITUATED IN
NE1/4NW1/4 AND SE1/4NW1/4 SECTION 1
TOWNSHIP 40 SOUTH, RANGE 8 WEST, W. M.
FOR
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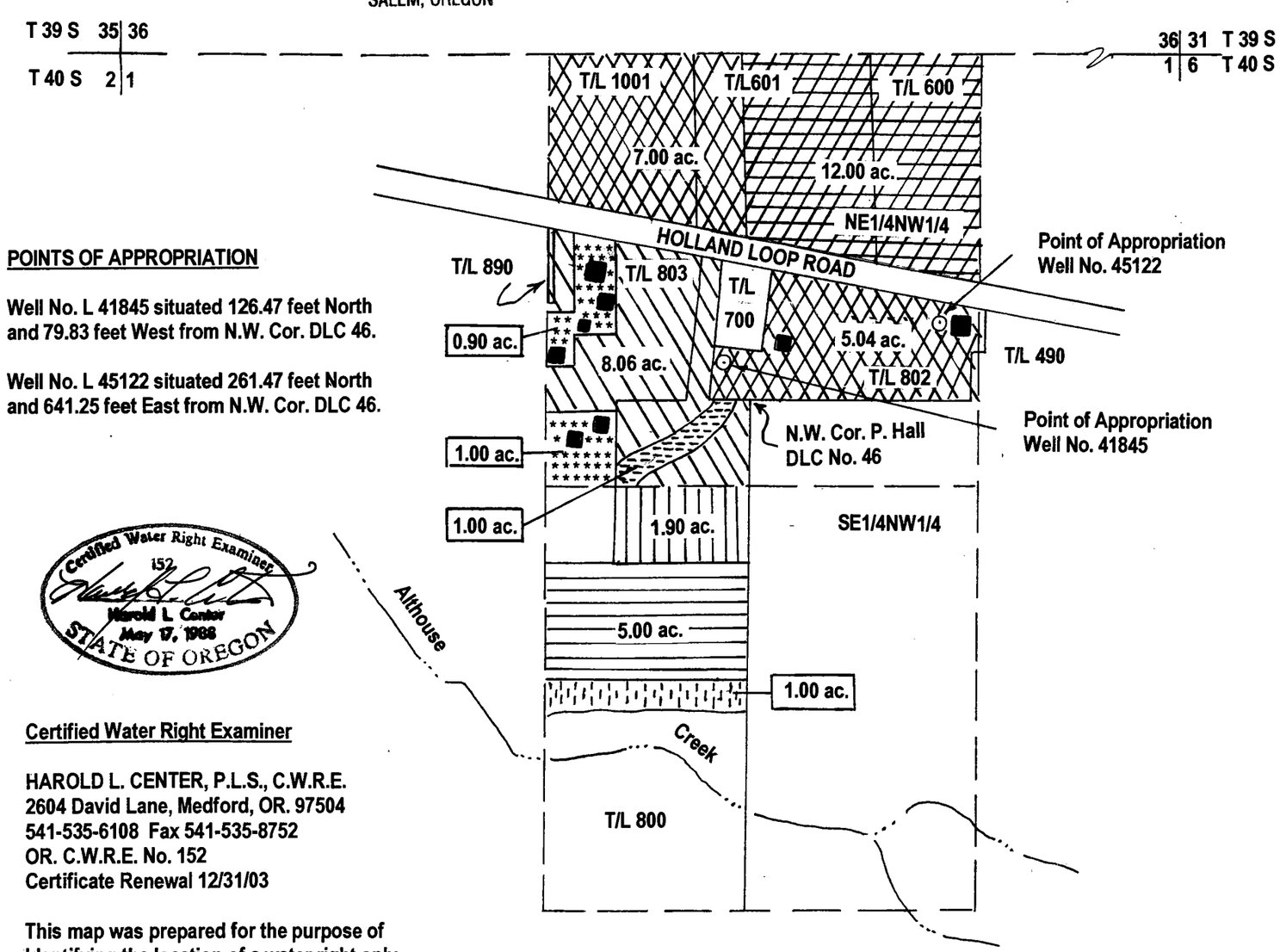

POINTS OF APPROPRIATION

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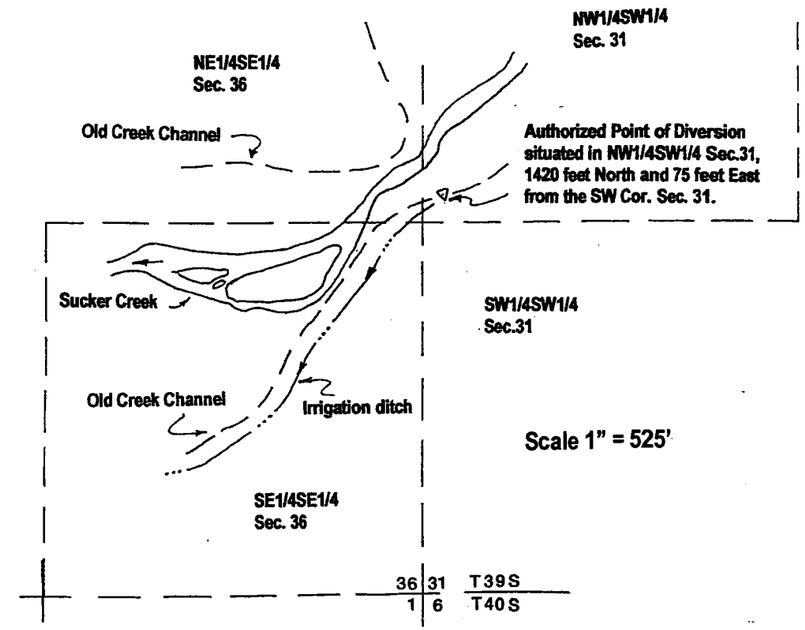

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- Denotes area under Certificate No. 7148, Priority date 1872, Certificate No. 63788, Priority date 1919, supplemental right.
- Denotes remaining right area under Certificate No 7148, Priority date 1872, Certificate No. 63788, Priority date 1919.
- Transfer from (1.90 acres) per Certificate No. 7148, Priority Date 1872, Certificate No. 63788, Priority date 1919, supplemental right.
- Transfer to (1.90 acres) per Certificate No. 7148, Priority date 1872, Certificate No. 63788 Priority date 1919, supplemental right.
- Transfer from (1.00 acres) per Certificate No. 63788, Priority date 1919.
- Transfer to (1.00 acres) per Certificate No. 63788, Priority date 1919.
- Denotes remaining right area under Certificate No. 7148, Priority date 1908.
- Denotes area under Certificate No. 63788, priority date 1919.

T - 9072

Name Amos Y & Norma L. Vahrenwald

By

Address 4091 Holland Loop Road
Cave Junction, OR 97523

Change in POU/POD SW → GW

Date filed 3-27-02

Date of hearing

Place of hearing

Date of order Vol. , page

Date for application of water

Proof mailed

Proof received

Certificate issued Vol. , page

DESCRIPTION OF WATER RIGHT

Name of stream Sucker Creek

Trib. of E. Fk. Illinois River County of Josephine

Use Irrigation

Quantity of water No. of acres

Name of ditch

Date of priority 12.31.1872/11.1.1919

In name of H.B. Reed/Amos Vahrenwald

Adjudication, Vol. , page

App. No. 0 / T-5312 Per. No. D.7148 / S.4285 Cert. No. 7148 / 63788

Certificate cancelled

Notation made on record by

FEES PAID

Date	Amount	Receipt No.
4-1-02	Fee Waived	
TOTAL . . .		
	Cert. Fee	

FEES REFUNDED

Date	Amount	Check No.

Send to: Teresa - SW Reg
Watermaster #: 14
ODFW# 05
GW Yes No

REMARKS

NOID

CWRE #152/Harold Center

Vic Conrad/Illinois Valley Watershed Council/102 S. Redwood Hwy/Cave Junction, OR 97523

STATE OF OREGON

COUNTY OF JOSEPHINE

ORDER APPROVING A CHANGE IN PLACE OF USE AND A CHANGE IN POINT OF DIVERSION

Pursuant to ORS 540.510 to 540.531, after notice was given and no objections were filed, and finding that no injury to existing water rights would result, this order approves, as conditioned or limited herein, TRANSFER 9072 submitted by

AMOS Y. AND NORMA VAHRENWALD
4091 HOLLAND LOOP ROAD
CAVE JUNCTION, OREGON 97523.

The first right to be modified was confirmed by decree of the Circuit Court of the State of Oregon for JOSEPHINE County as evidenced by a PORTION of Certificate 7148. The decree is recorded in the Order Record of the Water Resources Director in Volume 1 AND 5, at Pages 253 AND 398. The date of priority is 1872 FOR TRACT 1.

The right allows the use of SUCKER CREEK, a tributary of EAST FORK ILLINOIS RIVER, for IRRIGATION OF 9.96 ACRES. The amount of water to which this right is entitled is limited to an amount actually beneficially used and shall not exceed 0.20 CUBIC FOOT PER SECOND, if available at the authorized point of diversion, or its equivalent in case of rotation, measured at the point of diversion from the source, and that the use of water for

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 137-004-080 and OAR 690-01-005 you may either petition for judicial review or petition the Director for reconsideration of this order.

irrigation purposes shall be confined to the season April 1 to October 31 of each year. Note: this right is supplemented by water from Gravelly Slough under a priority date of 1903 and from springs in SE¼ of Section 36, T 39 S, R 8 W, W.M. under a priority date of 1878.

The authorized place of use is located as follows:

	CHANGE IN POD ONLY	CHANGE IN POU AND POD
NE¼ NW¼	8.06 ACRES	1.90 ACRES

SECTION 1

TOWNSHIP 40 SOUTH, RANGE 8 WEST, W.M.

The right to use water for the above purpose is restricted to beneficial use on the lands or place of use described and is subject to all other conditions and limitations contained in the decree.

The second right to be modified, as evidenced by a PORTION of Certificate 63788, was perfected under Permit 4285 with a date of priority of NOVEMBER 1, 1919. The right allows the use of SUCKER CREEK, a tributary of the ILLINOIS RIVER, for IRRIGATION OF 15.96 ACRES. The amount of water to which this right is entitled is limited to an amount actually beneficially used and shall not exceed 0.20 CUBIC FOOT PER SECOND, if available at the original point of diversion: NW¼ SW¼, SECTION 31, T 39 S, R 7 W, W.M., or its equivalent in case of rotation, measured at the point of diversion from the source.

The amount of water used for irrigation, together with the amount secured under any other right existing for the same lands, is limited to ONE-EIGHTIETH of one cubic foot per second per acre or its equivalent for each acre irrigated.

The authorized point of diversion is located

NW¼ SW¼, SECTION 31, T 39 S, R 7 W, W.M.; 1420 FEET NORTH AND 75 FEET EAST FROM THE SW CORNER OF SECTION 31.

The use shall conform to any reasonable rotation system ordered by the proper state officer.

The authorized place of use is located as follows:

	CHANGE IN POD ONLY	CHANGE IN POU AND POD
NE¼ NW¼	10.96 ACRES	
SE¼ NW¼	4.00 ACRES	1.00 ACRES

SECTION 1

TOWNSHIP 40 SOUTH, RANGE 8 WEST, W.M.

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

The applicant proposes to change the place of use of both rights to:

CERTIFICATE 7148

SE¼ NW¼ 1.90 ACRES
SECTION 1

PERMIT 4285

SE¼ NW¼ 1.00 ACRES
SECTION 1

TOWNSHIP 40 SOUTH, RANGE 8 WEST, W.M.

The applicant proposes to change the point of diversion of both rights to a well located:

WELL 1 (WELL LOG# 41845) - NE¼ NW¼, SECTION 1, T 40 S, R 8 W, W.M.; 126.47 FEET NORTH AND 79.83 FEET WEST OF THE NW CORNER OF DLC 46.

An affidavit was received from Amos and Norma Vahrenwald, owners of certain land and the water right appurtenant to it. The landowners request a portion of a water right be DIMINISHED FROM PRIMARY IRRIGATION TO SUPPLEMENTAL IRRIGATION.

The portion is described by Certificate 63788, State Record of Water Right Certificates. The date of priority is NOVEMBER 1, 1919. The water use was for IRRIGATION OF 9.96 ACRES from SUCKER CREEK, tributary to the ILLINOIS RIVER. The amount used was 0.13 cubic foot per second.

The DIMINISHED portion is located as follows:

NE¼ NW¼ 9.96 ACRES
SECTION 1

TOWNSHIP 40 SOUTH, RANGE 8 WEST, W. M.

OAR 690-320-0070 (2) provides: "A primary right may, at the request of the owner of the water right, be diminished to a supplemental status to allow for a new primary right application from a more dependable source of water"

THESE CHANGES TO EXISTING WATER RIGHTS MAY BE MADE PROVIDED THE FOLLOWING CONDITIONS ARE MET BY THE WATER USER:

1. The proposed changes shall be completed on or before October 1, 2004.

2. The quantity of water diverted at the new point of diversion (well), together with that diverted at the old point of diversion, shall not exceed the quantity of water lawfully available at the original point of diversion.

3. The water user shall install and maintain headgates, in-line flow meters, weirs, or other suitable devices for measuring and recording the quantity of water diverted. The type and plans of the headgates and measuring devices must be approved by the Department prior to beginning construction and shall be installed under the general supervision of the Department.

4. Water shall be acquired from the same surface water source as the original point of diversion.

5. The former places of use shall no longer be irrigated as a part of these water rights.

That portion of Certificate 63788 requested to be diminished is diminished to supplemental irrigation.

Certificates 7148 and 63788 are cancelled. New certificates will be issued to confirm those portions of these rights NOT involved in this transfer and diminution. When satisfactory proof of the completed change is received, new certificates confirming these water rights will be issued.

WITNESS the signature of the Water Resources Director, affixed JAN 0 2 2003.

For Paul R. Cleary, Director

STATE OF OREGON

COUNTY OF JOSEPHINE

CERTIFICATE OF WATER RIGHT

THIS CERTIFICATE ISSUED TO

H. B. REED (SUCCESSOR IN INTEREST TO SAMUEL MILLER AND HATTIE MILLER)
KERBY, OREGON 97531

confirms the right to use the waters of SUCKER CREEK, a tributary of EAST FORK ILLINOIS RIVER, for IRRIGATION OF 100.5 ACRES, BEING 85.0 ACRES FOR TRACT 1 AND 15.5 ACRES FOR TRACT 2.

This right was confirmed by decree of the Circuit Court of the State of Oregon for JOSEPHINE County. The decree is of record at Salem, in the Order Record of the WATER RESOURCES DIRECTOR, in Volumes 1 AND 5, at Pages 253 AND 398. The date of priority is 1872 FOR TRACT 1 (Note: this right is supplemented by water from Gravelly Slough under a priority date of 1903 and from springs in SE¼ of Section 36, T 39 S, R 8 W, W.M. under a priority date of 1878) AND 1908 FOR TRACT 2 (Note: this right is supplemented by water from Gravelly Slough under a priority date of 1908).

The amount of water to which this right is entitled is limited to an amount actually beneficially used and shall not exceed 1.7 CUBIC FEET PER SECOND FOR TRACT 1, AND 0.19 CUBIC FOOT PER SECOND FOR TRACT 2 or its equivalent in case of rotation, measured at the point of diversion from the source, and that the use of water for irrigation purposes shall be confined to the season April 1 to October 31 of each year.

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

	TRACT 1	TRACT 2
SW¼ SW¼	25.00 ACRES	
SE¼ SW¼	26.00 ACRES	
SW¼ SE¼		2.00 ACRES

SECTION 36

TOWNSHIP 39 SOUTH, RANGE 8 WEST, W.M.

NE¼ NW¼	7.00 ACRES	12.00 ACRES
NW¼ NW¼	27.00 ACRES	1.50 ACRES

SECTION 1

TOWNSHIP 40 SOUTH, RANGE 8 WEST, W.M.

This certificate describes that portion of the water right confirmed by Certificate 7148, State Record of Water Right Certificates, NOT modified by the provisions of an order of the Water Resources Director entered _____, approving Transfer Applications 9071 AND 9072.

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

The right to the use of the water for the above purpose is restricted to beneficial use on the lands or place of use described and is subject to all other conditions and limitations contained in said decree.

WITNESS the signature of the Water Resources Director,

affixed JAN 0 2 2003.

for Paul R. Cleary, Director

Recorded in State Record of Water Right Certificates numbered 79836.

State of Oregon
Water Resources Department
158 12th Street NE, Salem, OR 97310
(503)378-8455 • (800)624-3199
www.wrd.state.or.us

Application for Water Right
Transfer

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 instructions when completing your application. Thank you.

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SALEM, OREGON

APPLICATION FOR:

Please check one

☒ Water Right Transfer ☐ Temporary Transfer ☐ Permit Amendment
☐ Historic Point of Diversion Change ☐ Government Action Point of Diversion

1. APPLICANT INFORMATION

Name: AMOS V. AND NORMA L. VAHRENWALD
First Last

Address: 4091 HOLLAND LOOP ROAD
CAVE JUNCTION OR. 97523
City State Zip

Phone: 541-592-2404
Home Work Other

*Fax: — *E-Mail address: ANRENO@WEBTV.NET

**Optional information*

2. TYPE OF CHANGE

☐ Use ☒ Place of Use ☐ Point of Diversion ☒ Point of Appropriation

Reason for change: UNABLE TO DIVERT AND CONVEY WATER FROM AUTHORIZED POINT OF DIVERSION to place of USE.

Is the land within an irrigation or other water district? ☐ Yes ☒ No

If yes, include district name: _____

For Department Use

App. No._____ Permit No._____ Date_____

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3. CURRENT WATER RIGHT INFORMATION

Name on Permit, Certificate, or Decree: 7148 = H. B. REED, 63788 = AMOS VAHREENWALD

Decree: SUCKER CREEK DECREE (7148)
[☒ Not applicable]

Permit Number: 4285 (63788)
[☒ Not applicable]

Certificate Number: 7148 - 63788
[☐ Not applicable]

Priority Date: 7148 = 1872, 63788 = 1919

Authorized Use: IRRIGATION

Source of Water: SUCKER CREEK

County: JOSEPHINE

Are there other sources listed on the water right? ☒ Yes* ☐ No

* YES FOR 7148
NO FOR 63788

Location of Authorized Point of Diversion or Point of Appropriation:

Coordinates (from recognized survey corner)	1/4 1/4 Section	Section	Township	Range
1420 feet NORTH AND 75 feet EAST FROM S.W. COR. SEC. 31	NW¼SW¼	31	39S	7W

Location of Authorized Place of Use:

Township	Range	Section	Government Lot or DIC	1/4 1/4 Section	Tax Lot Number	Acres (if appropriate)	
40S	8W	1	—	NE¼NW¼	803	6.46	P.D. 187 C-7148
40S	8W	1	—	NE¼NW¼	800	3.50	P.D-187 C-7148
40S	8W	1	—	NE¼NW¼	800	1.00	P.D 191 C-6378
40S	8W	1	—	SE¼NW¼	800	5.00	PD-191 C-6378

Are there other lands described in the water right? ☒ Yes ☐ No

Are there other water rights or permits associated with this land? ☐ Yes ☒ No
If yes, include a copy of all rights or permits.

Description of general delivery system *(ditch measurements, pump size, number of sprinklers, etc.)*:
DIVERSION DAM IN SUCKER CK., OPEN DITCH to P.O.U. -NOTE-
Ditch HAS BEEN REMOVED IN AREA NORTH OF HOLLAND LOOP ROAD
by VINEYARD OWNER. -No Longer Able to Convey water to P.O.U.

System capacity (in cfs): 0.200 CFS (89.55 GPM)

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4. PROPOSED CHANGES TO THE WATER RIGHT

☐ **Change in Use:**

Proposed use: _____

☒ **Change in Point of Diversion or Point of Appropriation:**

☒ Change
Old point of diversion or point of appropriation will not be used for this portion of the water right.

☐ Additional
Both old and new points of diversion or points of appropriation will be used for this portion of the water right.

Location of Proposed Point of Diversion or Point of Appropriation

Coordinates (from recognized survey corner)	1/4 1/4 Section	Section	Township	Range
WELL NO L 41845 SITUATED 126.47 FT NORTH & 79.83 FT WEST NW Cor DLC 46	NE1/4 NW1/4	1	40S	8W

☒ **Change in Place of Use:**

Location of Proposed Place of Use

Township	Range	Section	Government Lot or DIC	1/4 1/4 Section	Tax Lot Number	Acres (if appropriate)	
40S	8W	1	—	SE1/4 NW1/4	800	1.00	C-6378 P.D. 191
40S	8W	1	—	SE1/4 NW1/4	800	1.90	C-7148 P.D. 1872

Remarks: _____

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5. LAND OWNERSHIP

Answer only if for change in **Use** or **Place of Use.**

Use/Place of Use

Are the lands free of encumbrances? ☒ Yes ☐ No

If no, name of encumbrance holder: _____

If no, application must include written permission for the transfer from the encumbrance holder.

N/A

Answer only if applicant is **not** the landowner.

Landowners

This section does not apply to water delivery entities authorized to act on behalf of their members, making permit amendment requests, or requests for changes in point of diversion or point of appropriation only.

Landowners: _____
(List all landowners shown on deed.)

Address(es): _____

_____
City State Zip

Application must include notarized statements from all landowners shown on deed giving permission for the transfer. Use an extra sheet if necessary.

N/A

Answer only if the receiving landowner is **not** the original landowner or the applicant.

Receiving Landowner

Name: _____

Address: _____

_____
City State Zip

☐ The Department's records should be changed to show this landowner is responsible for completion of the changes. All notices and correspondence should be sent to this landowner.

☐ Applicant will remain responsible for completion of changes. Notices and correspondence should continue to be sent to applicant.

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6. EXHIBITS

Application may be rejected if all appropriate exhibits are not enclosed.

Land Use Information Form:

☒ Enclosed

☐ Not needed: (must meet the following four requirements)

1. In EFU zone or irrigation district.
2. Change in place of use only.
3. No structural changes needed, including diversion works, delivery facilities, other structures.
4. Irrigation only.

☒ List all affected governments (city, county, state, tribal, federal):
JOSEPHINE COUNTY

Map:

☒ Water Right Transfer: *Must be prepared by a Certified Water Right Examiner.*

☐ All others: *Need not be prepared by a Certified Water Right Examiner.*

Deed:

☒ Must accompany all applications, except permit amendment requests.

Evidence of use within last five years, or not subject to forfeiture:

☒ Best evidence is an affidavit from a knowledgeable person describing the water use. Statements saying water was delivered or assessments/fees were paid are insufficient. Evidence must show actual use of the water for the authorized purpose, in the authorized place of use.

Water Well Reports:

☒ If application is for a change in point of appropriation or change from surface water to ground water, attach copies of all water well reports. If reports are not available, describe construction details including well depth, static water level, and information necessary to establish the ground water body developed or proposed to be developed.

Fees:

☒ Amount enclosed $_____

See instruction book for fee schedule.

7. SIGNATURE

I (we) swear that I (we) have read the above application and the statements made are true and accurate.

applicant signature	name (print)	date
Amos Y. Vahrenwald	AMOS Y. VAHRENWALD	3-22-02
Norma L. Vahrenwald	NORMA L. VAHRENWALD	3-22-02

Before you submit your application be sure you have:

- Answered each question completely.
- Attached a legible map which includes township, range, section, quarter/quarter and tax lot number.
- Included the necessary exhibits.
- Included a check payable to the Oregon Water Resources Department for the appropriate amount.

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

3-27-01 RT

WELL I.D. # L 41845
START CARD # 123435

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

(1) LAND OWNER Well Number _____
Name T.V Soil & Water Conservation
Address P.O. Box 352
City Cave Junction State OR Zip 97523

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

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

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

(5) BORE HOLE CONSTRUCTION:
Special Construction approval ☒ Yes ☐ No Depth of Completed Well 220 ft.
Explosives used ☐ Yes ☒ No Type _____ Amount _____

HOLE Diameter	From	To	SEAL Material	From	To	Sacks or pounds
12	0	18	Bent	0	18	12 sacks
8	18	600				

How was seal placed: Method ☐A ☐B ☐C ☐D ☐E
☒ Other Poured
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:	8	+2	526	.250	☒	☐	☒	☐
					☐	☐	☐	☐
					☐	☐	☐	☐
					☐	☐	☐	☐
Liner:					☐	☐	☐	☐
					☐	☐	☐	☐

Drive Shoe used ☐ Inside ☒ Outside ☐ None
Final location of shoe(s) 526'

(7) PERFORATIONS/SCREENS:
☒ Perforations Method Air=A, Blasting=B
☐ Screens Type _____ Material _____

	From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
A	100	218	¼x1	3736	8"		☒	☐
B	230	250	45cal	125	8"		☒	☐
B	350	370	45cal	125	8"		☒	☐
							☐	☐

(8) WELL TESTS: Minimum testing time is 1 hour
☐ Pump ☐ Bailer ☒ Air ☐ Flowing Artesian

Yield gal/min	Drawdown	Drill stem at	Time
170		150	1 hr.

Temperature of water 55 Depth Artesian Flow Found _____
Was a water analysis done? ☒ Yes By whom WRD
Did any strata contain water not suitable for intended use? ☐ Too little
☒ Salty ☐ Muddy ☐ Odor ☐ Colored ☐ Other _____
Depth of strata: 578'

(9) LOCATION OF WELL by legal description:
County Joseph. Latitude _____ Longitude _____
Township 40 N or S Range 08 E or W. WM.
Section 01 NE 1/4 NW 1/4
Tax Lot 802 Lot _____ Block _____ Subdivision _____
Street Address of Well (or nearest address) _____
4295 Holland Loop Rd

(10) STATIC WATER LEVEL:
21 ft. below land surface. Date 2-12-01
Artesian pressure _____ lb. per square inch Date _____

(11) WATER BEARING ZONES:
Depth at which water was first found 19'

From	To	Estimated Flow Rate	SWL
19	150	150	21
298	350	150	2.5
578	587	150+	4

(12) WELL LOG:
Ground Elevation _____

Material	From	To	SWL
Brown clay, fine sand, uncons.	0	12	
Lt Brn clay, fn sand med-lrg gravel, un.	12	28	
Brn clay, fn sand, med-lrg gravel, un.	28	34	
Gry gravel, fn sand	34	56	
Brn clay, coarse sand, med-lrg grvl	56	182	
Blue grvl, fn sand	182	195	
Brn sand, med grvl	195	214	
Blue grvl, fn sand	214	240	
Blue clay, fn sand	240	298	
Blue-grn grvl, fn sand	298	327	
Brn sand, med grvl	327	350	
Grn silt, sm grvl	350	485	
Blue grvl, cemented grvl	485	525	

Date started 10-16-00 Completed 2-12-01

(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 Steven Carter WWC Number 1659 Date 3/9/01

(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 675

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.

2 of 4
WELL I.D. # L 41845
START CARD # 123435

(1) LAND OWNER Well Number _____
Name I.V. Soil & Water
Address P.O. Box 352
City Cave Junction State OR Zip

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

HOLE Diameter	From	To	SEAL Material	From	To	Sacks or pounds

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:					☐	☐	☐	☐
					☐	☐	☐	☐
					☐	☐	☐	☐
					☐	☐	☐	☐
Liner:					☐	☐	☐	☐
					☐	☐	☐	☐

Drive Shoe used ☐ Inside ☐ Outside ☐ None
Final location of shoe(s) _____

(7) PERFORATIONS/SCREENS:
☐ Perforations Method _____
☐ Screens Type _____ Material _____

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

(8) WELL TESTS: Minimum testing time is 1 hour
☐ Pump ☐ Bailer ☐ Air ☐ Flowing Artesian

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

Temperature of water _____ 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 Joseph Latitude _____ Longitude _____
Township 40 N or S Range 08 E or W. WM.
Section 01 NE 1/4 NW 1/4
Tax Lot 802 Lot _____ Block _____ Subdivision _____
Street Address of Well (or nearest address) _____
4295 Holland Loop Road

(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 _____

From	To	Estimated Flow Rate	SWL

(12) WELL LOG:
Ground Elevation _____

Material	From	To	SWL
Green silt, uncon.	525	578	
Blue grvl, coarse sand, uncons.	578	587	4
Blue silt, uncons.	587	600	4

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Date started _____ Completed _____

(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 Steven Carth WWC Number _____ Date _____

(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 Robert E. Quinn WWC Number _____ Date _____

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

WELL I.D. # L 41845
START CARD # 123435

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

(1) LAND OWNER Well Number _____
Name I.V. Soil & Water Conservation
Address P.O. Box 352
City Cave Junction State OR Zip 97523

(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 130 ft.
Explosives used ☒ Yes ☐ No Type 45 cal Amount 250 shots

HOLE Diameter	From	To	SEAL Material	From	To	Sacks or pounds
8	18	600	Cement	600	130	6 yards

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:	8	+2	526	.250	☒	☐	☒	☐
					☐	☐	☐	☐
					☐	☐	☐	☐
					☐	☐	☐	☐
Liner:					☐	☐	☐	☐
					☐	☐	☐	☐

Drive Shoe used ☐ Inside ☒ Outside ☐ None
Final location of shoe(s) 526'

(7) PERFORATIONS/SCREENS:
☒ Perforations Method Gun
☐ Screens Type _____ Material _____

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
230	250	45cal	125	8"		☒	☐
350	370	45cal	125	8"		☒	☐
						☐	☐
						☐	☐

(8) WELL TESTS: Minimum testing time is 1 hour
☐ Pump ☐ Bailer ☐ Air ☐ Flowing Artesian

Yield gal/min	Drawdown	Drill stem at	Time
N/A			1 hr.

Temperature of water N/A 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 Joseph. Latitude _____ Longitude _____
Township 40 N or S Range 08 E or W. WM.
Section 01 NE 1/4 NW 1/4
Tax Lot 802 Lot _____ Block _____ Subdivision _____
Street Address of Well (or nearest address) _____
4295 Holland Loop Rd

(10) STATIC WATER LEVEL:
N/A ft. below land surface. Date _____
Artesian pressure _____ lb. per square inch Date _____

(11) WATER BEARING ZONES:
Depth at which water was first found N/A

From	To	Estimated Flow Rate	SWL

(12) WELL LOG:
Ground Elevation _____

Material	From	To	SWL
Casing broke	220	221	
Used a gun perforator then we pumped cement from 600' to 130', put a drillable plug at 130' & pushed down with 30,000 psi forcing cement thru perforations.			

RECEIVED
MAR 27 2002
WATER RESOURCES DEPT.
SALEM, OREGON

Date started 1-16-01 Completed 1-19-01

(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 Steven Carter WWC Number 1659 Date 3/9/01

(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 Robert E. Quinn WWC Number 675 Date 3/9/01

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.

WELL I.D. # L 41845
START CARD # 123435

(1) LAND OWNER Well Number _____
Name I.V. Soil & Water Conservation
Address P.O. Box 352
City Cave Junction State OR Zip 97523

(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 220 ft.
Explosives used ☐ Yes ☒ No Type _____ Amount _____

HOLE Diameter	From	To	SEAL Material	From	To	Sacks or pounds
6	0	220				N/A

How was seal placed: Method ☐ A ☐ B ☐ C ☐ D ☐ E
☐ Other N/A
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:	N/A				☐	☐	☐	☐
					☐	☐	☐	☐
					☐	☐	☐	☐
					☐	☐	☐	☐
Liner:					☐	☐	☐	☐
					☐	☐	☐	☐

Drive Shoe used ☐ Inside ☐ Outside ☐ None
Final location of shoe(s) N/A

(7) PERFORATIONS/SCREENS:
☒ Perforations Method Air perforator
☐ Screens Type _____ Material _____

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
100	218	¼x1	3736	8"		☒	☐
						☐	☐
						☐	☐
						☐	☐

(8) WELL TESTS: Minimum testing time is 1 hour
☐ Pump ☐ Bailer ☒ Air ☐ Flowing Artesian

Yield gal/min	Drawdown	Drill stem at	Time
170		150	1 hr.
120		95	

Temperature of water 55 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 Joseph. Latitude _____ Longitude _____
Township 40 N or S Range 08 E or W. WM.
Section 01 NE 1/4 NW 1/4
Tax Lot 802 Lot _____ Block _____ Subdivision _____
Street Address of Well (or nearest address) 4295 Holland Loop Rd

(10) STATIC WATER LEVEL:
N/A ft. below land surface. Date 1/25/01
Artesian pressure _____ lb. per square inch Date _____

(11) WATER BEARING ZONES:
Depth at which water was first found N/A 100

From	To	Estimated Flow Rate	SWL
100	150	138	25
150	218	32	25

(12) WELL LOG:
Ground Elevation _____

Material	From	To	SWL
Drilled out cement			
from 130' to 220'			
Perforated from 150'			
to 218', only got			
32 GPM			
Then we perforated			
from 100' to 150' &			
picked up an additional			
138 GPM			

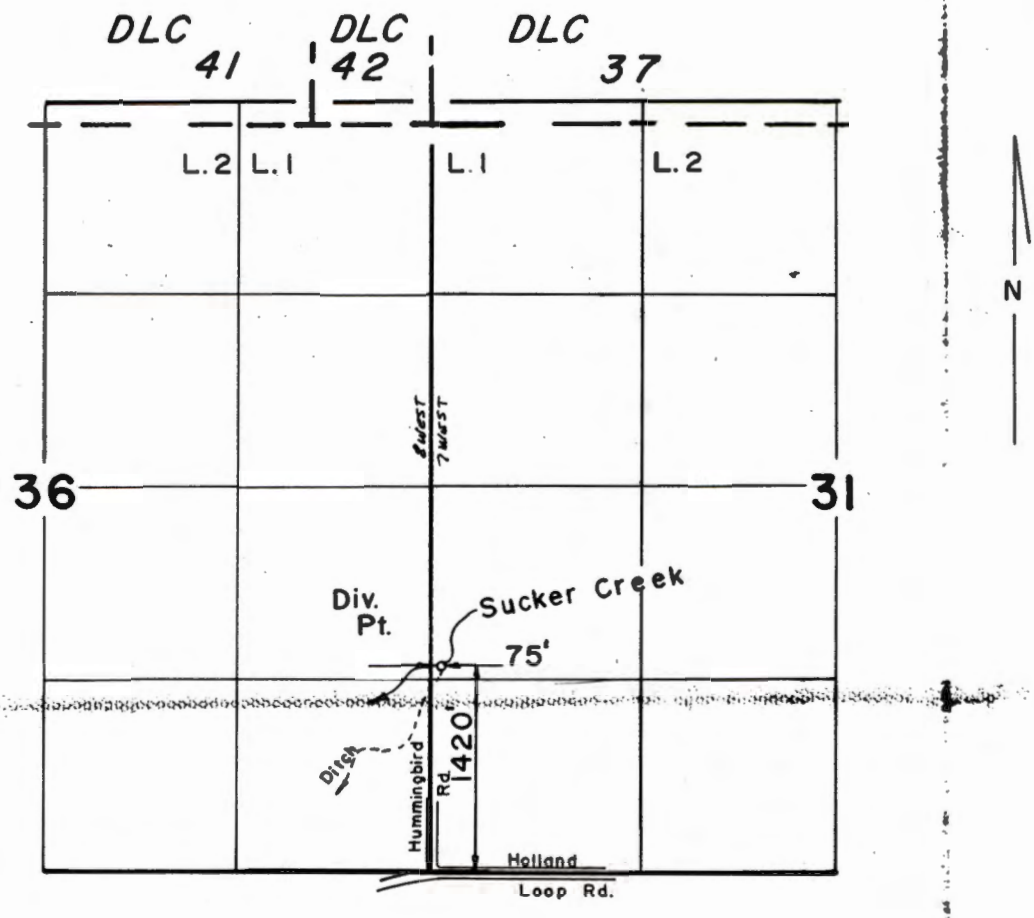
RECEIVED
MAR 27 2002
WATER RESOURCES DEPT.
SALEM, OREGON

Date started 1-25-01 Completed 2-12-01

(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 Steven Carter WWC Number 1659
Date 3/9/01

(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 Robert E. Gunn WWC Number _____
Date 3/9/01

T. 39 S., R. 7 & 8 W. W. M.



Scale: 1" = 1320'

FINAL PROOF SURVEY

UNDER

TRANSFER NO. 5312

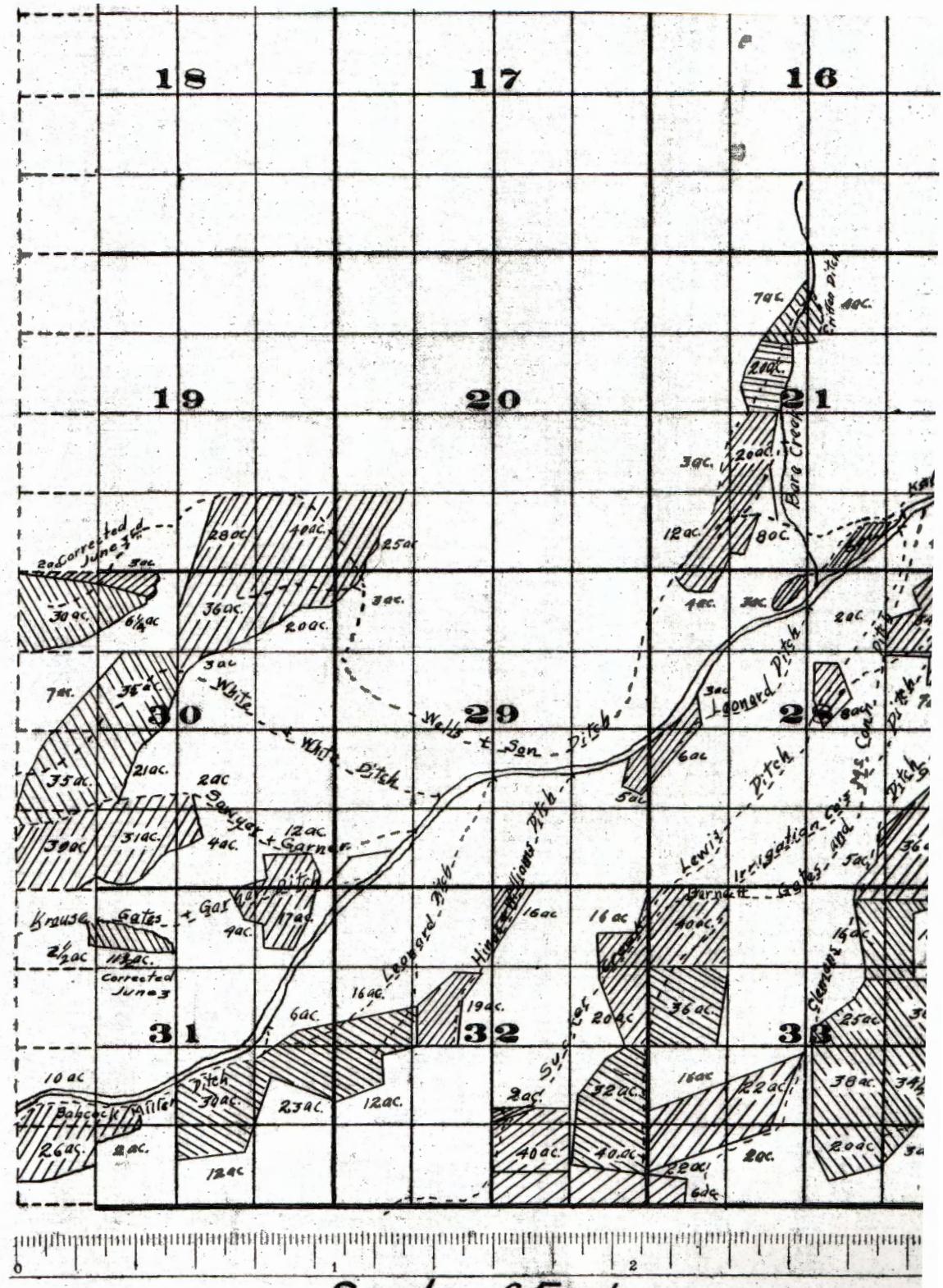
Application No. ..... Permit No. .....

IN NAME OF

AMOS VAHRENWALD

Surveyed MAY 13, 1986, by B. S. JAMES

41033-179-1906 AMJ



Survey by J. S. McMahon.
March 1910.

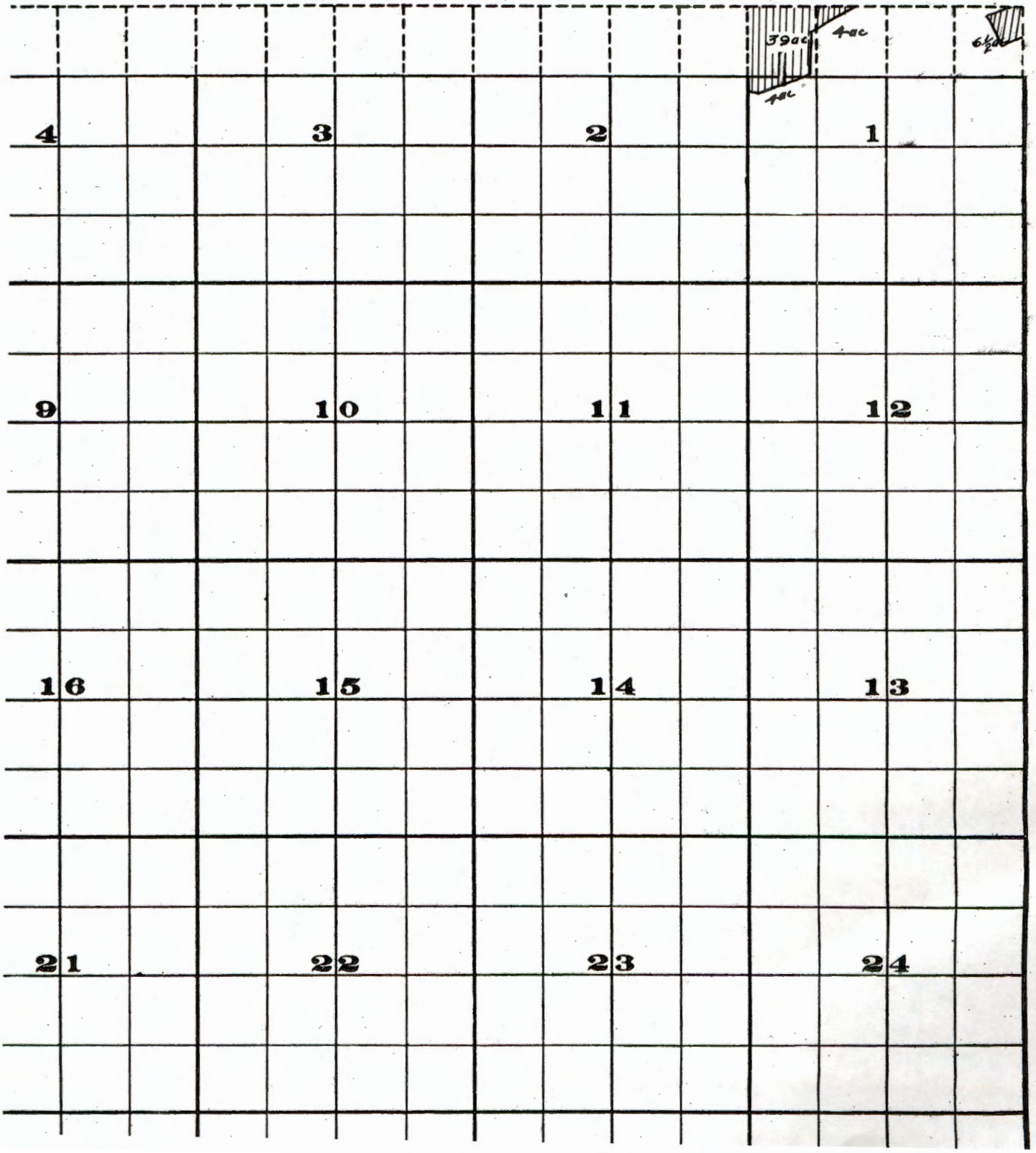
Ck. by D.F.M. 9/13-'11
" " " " 3/6-'12

J. H. Lewis. State Engineer.

Examined June 15t. 1910.

2

S. _____, Range 8 W.



Court—A-442—500—2-26.

STATE OF OREGON

COUNTY OF JOSEPHINE

CERTIFICATE OF WATER RIGHT

This is to Certify, *That* H. B. REED (Successor in interest to Samuel Miller & Hattie Miller)

of Kerby *, State of* Oregon 97531 *has a right to the use of*

the waters of Sucker 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 Josephine *County, and the said decree entered of record at Salem, in the Order Record of the STATE ENGINEER, in Volumes* 1 & 5 *, at pages* 253 & 398 *; that the priority of the right thereby confirmed dates from* 1872 for Tract #1; 1908 for Tract #2;

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 2 cubic feet per second for Tract #1; 0.19 cubic foot per second for Tract #2; and that the use of water for irrigation purposes shall be confined to the season April 1 to October 31 of each year;

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:

Tract #1: 22 acres in the NE¼NW¼, 27 acres in the NW¼NW¼, Section 1, T. 40 S. R. 8 W. W. M., 25 acres in the SW¼SW¼, 26 acres in the SE¼SW¼, Section 36, T. 39 S. R. 8 W. W. M., being a total of 100 acres. (NOTE: This right is supplemented by water from Gravelly Slough under date of 1903, and from springs in SE¼ of Sec. 36, T. 39 S. R. 8 W. W. M., under date of 1878.)

Tract #2: 2 acres in the SW¼SE¼, Section 36, T. 39 S. R. 8 W. W. M.; 12 acres in the NE¼NW¼ and 1.5 acres in the NW¼NW¼, Section 1, T. 40 S. R. 8 W. W. M., being a total of 15.5 acres. (NOTE: This right is supplemented by water from Gravelly Slough under date of 1908.)

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 1st *day of* April *, 192* 7.

[illegible]
State Engineer.

T-9072
T-9071

Recorded in State Record of Water Right Certificates, Volume 7 *, page* 7148

Instream Lease #244 #245 4-1-01/10-31-02

T-8175

See PC 83-7 (All)

VR

STATE OF OREGON

COUNTY OF JOSEPHINE

CERTIFICATE OF WATER RIGHT

THIS CERTIFICATE ISSUED TO

AMOS VAHRENWALD
4091 HOLLAND LOOP
CAVE JUNCTION, OREGON 97523

confirms the right to use the waters of SUCKER CREEK, a tributary of the ILLINOIS RIVER, for the purpose of IRRIGATING 21.0 ACRES.

The right has been perfected under Permit 4285. The date of priority is NOVEMBER 1, 1919. The right is limited to not more than 0.27 CUBIC FOOT PER SECOND, IF AVAILABLE AT THE ORIGINAL POINT OF DIVERSION, or its equivalent in case of rotation, measured at the point of diversion from the source.

The point of diversion is located as follows:

NW 1/4 SW 1/4, SECTION 31, T 39 S, R 7 W, W.M.; 1420 FEET NORTH AND 75 FEET EAST FROM THE SW CORNER OF SECTION 31.

The amount of water used for irrigation, together with the amount secured under any other right existing for the same lands, shall be limited to ONE-EIGHTIETH of one cubic foot per second per acre, or its equivalent for each acre irrigated.

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

No RR

A description of the place of use under the right, and to which such right is appurtenant, is as follows:

		T-9071	T-9072
NE 1/4 NW 1/4	16.0 ACRES	-8.04	-10.96 (2.90 Δ POD+PWU+8.06 Δ POD only)
SE 1/4 NW 1/4	5.0 ACRES		-5.00 (POD only)

SECTION 1
TOWNSHIP 40 SOUTH, RANGE 8 WEST, W.M.

This certificate is issued to confirm a change in POINT OF DIVERSION approved by an order of the Water Resources Director entered JANUARY 25, 1984, and together with certificate 51984, supersedes certificate 7770, State Record of Water Right Certificates.

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

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

WITNESS the signature of the Water Resources Director, affixed this date DECEMBER 29, 1989.

T-9071
T-9072

/s/ WILLIAM H. YOUNG
Water Resources Director

Recorded in State Record of Water Right Certificates numbered 63788

T-5312.JW

Instream Lease #244 4-1-01/10-31-02

Mary Ellen Leonard, Kerby, Ore.	1865	2.5	125	Irrigation, domestic & stock Ch. in pt. of div. - Sp. Or. Vol. 8, p. 168	Mill Race	Sucker Creek	13.0 acres in SE¼ NE¼ 11.0 acres in NE¼ SE¼ 35.0 acres in NW¼ SE¼ 34.0 acres in SW¼ SE¼ Sec. 31, 18.0 acres in SW¼ NW¼ 14.0 acres in NW¼ SW¼ Sec. 32, T. 39 S. R. 7 W. W. M.
7140 (See Vol 5, P.398) J. E. Lewis, Holland, Ore.	1875	0.72	36	Irrigation	Lewis		16.0 acres in NE¼ NE¼ 20.0 acres in SE¼ NE¼ Sec. 32, T. 39 S. R. 7 W. W. M.
7140 (See Vol. 5, P.398) J. E. Lewis, Holland, Ore.	1876 T-8917 APoD	0.2	10	Irrigation	Gilmore		10.0 acres in NW¼ NE¼ Sec. 32, T. 39 S. R. 7 W. W. M.
7140 (See Vol 5, P.398) PC 83-7 Samuel & Hattie Miller, Kerby, Ore. T-9071 T-9072	1872 see motion recorded Vol 5, page 418 Granted by Circuit Court Vol 5, page 420 (See Consolidated tabulation)	2.	100	Irrigation	Trumble	22 27 —	~~4.0~~ acres in NE¼ NW¼ ~~30.0~~ acres in NW¼ NW¼ ~~20.0~~ acres in SW¼ NW¼ Sec. 1, T. 40 S. R. 8 W. W. M.
						25	~~20.0~~ acres in SW¼ SW¼ 26.0 acres in SE¼ SW¼ Sec. 36, T. 39 S. R. 8 W. W. M.
~~7125~~ (See Vol 5, P.397) ~~36147~~ 36820* ~~7157~~ (See Vol 5, P.399) ~~36148~~ Frank O. Meeker & L. A. Burnett, Holland, Ore.	1868 T-3197 △ PoD C 49702	0.79	39½	Irrigation	Seyferth		18.5 acres in NE¼ NE¼ 7125 16.0 acres in NW¼ NE¼ 7157 2.0 acres in SW¼ NE¼ 3.0 acres in SE¼ NE¼ 7125 Sec. 33, T. 39 S. R. 7 W. W. M.
~~7145~~ 50158, 60015 Ed. McCann,	1875	1.00	49	Irrigation	Gates-		27.0 acres in NW¼NW¼

STATE OF OREGON

COUNTY OF JOSEPHINE

ORDER APPROVING A CHANGE IN PLACE OF USE AND A CHANGE IN POINT OF DIVERSION

Pursuant to ORS 540.510 to 540.531, after notice was given and no objections were filed, and finding that no injury to existing water rights would result, this order approves, as conditioned or limited herein, TRANSFER 9072 submitted by

AMOS Y. AND NORMA VAHRENWALD
4091 HOLLAND LOOP ROAD
CAVE JUNCTION, OREGON 97523.

The first right to be modified was confirmed by decree of the Circuit Court of the State of Oregon for JOSEPHINE County as evidenced by a PORTION of Certificate 7148. The decree is recorded in the Order Record of the Water Resources Director in Volume 1 AND 5, at Pages 253 AND 398. The date of priority is 1872 FOR TRACT 1.

The right allows the use of SUCKER CREEK, a tributary of EAST FORK ILLINOIS RIVER, for IRRIGATION OF 9.96 ACRES. The amount of water to which this right is entitled is limited to an amount actually beneficially used and shall not exceed 0.20 CUBIC FOOT PER SECOND, if available at the authorized point of diversion, or its equivalent in case of rotation, measured at the point of diversion from the source, and that the use of water for

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 137-004-080 and OAR 690-01-005 you may either petition for judicial review or petition the Director for reconsideration of this order.

irrigation purposes shall be confined to the season April 1 to October 31 of each year. Note: this right is supplemented by water from Gravelly Slough under a priority date of 1903 and from springs in SE¼ of Section 36, T 39 S, R 8 W, W.M. under a priority date of 1878.

The authorized place of use is located as follows:

	CHANGE IN POD ONLY	CHANGE IN POU AND POD
NE¼ NW¼	8.06 ACRES	1.90 ACRES

SECTION 1

TOWNSHIP 40 SOUTH, RANGE 8 WEST, W.M.

The right to use water for the above purpose is restricted to beneficial use on the lands or place of use described and is subject to all other conditions and limitations contained in the decree.

The second right to be modified, as evidenced by a PORTION of Certificate 63788, was perfected under Permit 4285 with a date of priority of NOVEMBER 1, 1919. The right allows the use of SUCKER CREEK, a tributary of the ILLINOIS RIVER, for IRRIGATION OF 15.96 ACRES. The amount of water to which this right is entitled is limited to an amount actually beneficially used and shall not exceed 0.20 CUBIC FOOT PER SECOND, if available at the original point of diversion: NW¼ SW¼, SECTION 31, T 39 S, R 7 W, W.M., or its equivalent in case of rotation, measured at the point of diversion from the source.

The amount of water used for irrigation, together with the amount secured under any other right existing for the same lands, is limited to ONE-EIGHTIETH of one cubic foot per second per acre or its equivalent for each acre irrigated.

The authorized point of diversion is located

NW¼ SW¼, SECTION 31, T 39 S, R 7 W, W.M.; 1420 FEET NORTH AND 75 FEET EAST FROM THE SW CORNER OF SECTION 31.

The use shall conform to any reasonable rotation system ordered by the proper state officer.

The authorized place of use is located as follows:

	CHANGE IN POD ONLY	CHANGE IN POU AND POD
NE¼ NW¼	10.96 ACRES	
SE¼ NW¼	4.00 ACRES	1.00 ACRES

SECTION 1

TOWNSHIP 40 SOUTH, RANGE 8 WEST, W.M.

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

The applicant proposes to change the place of use of both rights to:

CERTIFICATE 7148

SE¼ NW¼ 1.90 ACRES
SECTION 1

PERMIT 4285

SE¼ NW¼ 1.00 ACRES
SECTION 1

TOWNSHIP 40 SOUTH, RANGE 8 WEST, W.M.

The applicant proposes to change the point of diversion of both rights to a well located:

WELL 1 (WELL LOG# 41845) - NE¼ NW¼, SECTION 1, T 40 S, R 8 W, W.M.; 126.47 FEET NORTH AND 79.83 FEET WEST OF THE NW CORNER OF DLC 46.

An affidavit was received from Amos and Norma Vahrenwald, owners of certain land and the water right appurtenant to it. The landowners request a portion of a water right be DIMINISHED FROM PRIMARY IRRIGATION TO SUPPLEMENTAL IRRIGATION.

The portion is described by Certificate 63788, State Record of Water Right Certificates. The date of priority is NOVEMBER 1, 1919. The water use was for IRRIGATION OF 9.96 ACRES from SUCKER CREEK, tributary to the ILLINOIS RIVER. The amount used was 0.13 cubic foot per second.

The DIMINISHED portion is located as follows:

NE¼ NW¼ 9.96 ACRES
SECTION 1

TOWNSHIP 40 SOUTH, RANGE 8 WEST, W. M.

OAR 690-320-0070 (2) provides: "A primary right may, at the request of the owner of the water right, be diminished to a supplemental status to allow for a new primary right application from a more dependable source of water"

THESE CHANGES TO EXISTING WATER RIGHTS MAY BE MADE PROVIDED THE FOLLOWING CONDITIONS ARE MET BY THE WATER USER:

1. The proposed changes shall be completed on or before October 1, 2004.

2. The quantity of water diverted at the new point of diversion (well), together with that diverted at the old point of diversion, shall not exceed the quantity of water lawfully available at the original point of diversion.

3. The water user shall install and maintain headgates, in-line flow meters, weirs, or other suitable devices for measuring and recording the quantity of water diverted. The type and plans of the headgates and measuring devices must be approved by the Department prior to beginning construction and shall be installed under the general supervision of the Department.

4. Water shall be acquired from the same surface water source as the original point of diversion.

5. The former places of use shall no longer be irrigated as a part of these water rights.

That portion of Certificate 63788 requested to be diminished is diminished to supplemental irrigation.

Certificates 7148 and 63788 are cancelled. New certificates will be issued to confirm those portions of these rights NOT involved in this transfer and diminution. When satisfactory proof of the completed change is received, new certificates confirming these water rights will be issued.

WITNESS the signature of the Water Resources Director, affixed JAN 0 2 2003.

For Paul R. Cleary, Director

STATE OF OREGON

COUNTY OF JOSEPHINE

CERTIFICATE OF WATER RIGHT

THIS CERTIFICATE ISSUED TO

H. B. REED (SUCCESSOR IN INTEREST TO SAMUEL MILLER AND HATTIE MILLER)
KERBY, OREGON 97531

confirms the right to use the waters of SUCKER CREEK, a tributary of EAST FORK ILLINOIS RIVER, for IRRIGATION OF 100.5 ACRES, BEING 85.0 ACRES FOR TRACT 1 AND 15.5 ACRES FOR TRACT 2.

This right was confirmed by decree of the Circuit Court of the State of Oregon for JOSEPHINE County. The decree is of record at Salem, in the Order Record of the WATER RESOURCES DIRECTOR, in Volumes 1 AND 5, at Pages 253 AND 398. The date of priority is 1872 FOR TRACT 1 (Note: this right is supplemented by water from Gravelly Slough under a priority date of 1903 and from springs in SE¼ of Section 36, T 39 S, R 8 W, W.M. under a priority date of 1878) AND 1908 FOR TRACT 2 (Note: this right is supplemented by water from Gravelly Slough under a priority date of 1908).

The amount of water to which this right is entitled is limited to an amount actually beneficially used and shall not exceed 1.7 CUBIC FEET PER SECOND FOR TRACT 1, AND 0.19 CUBIC FOOT PER SECOND FOR TRACT 2 or its equivalent in case of rotation, measured at the point of diversion from the source, and that the use of water for irrigation purposes shall be confined to the season April 1 to October 31 of each year.

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

	TRACT 1	TRACT 2
SW¼ SW¼	25.00 ACRES	
SE¼ SW¼	26.00 ACRES	
SW¼ SE¼		2.00 ACRES

SECTION 36

TOWNSHIP 39 SOUTH, RANGE 8 WEST, W.M.

NE¼ NW¼	7.00 ACRES	12.00 ACRES
NW¼ NW¼	27.00 ACRES	1.50 ACRES

SECTION 1

TOWNSHIP 40 SOUTH, RANGE 8 WEST, W.M.

This certificate describes that portion of the water right confirmed by Certificate 7148, State Record of Water Right Certificates, NOT modified by the provisions of an order of the Water Resources Director entered _____, approving Transfer Applications 9071 AND 9072.

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

The right to the use of the water for the above purpose is restricted to beneficial use on the lands or place of use described and is subject to all other conditions and limitations contained in said decree.

WITNESS the signature of the Water Resources Director,

affixed JAN 0 2 2003.

for Paul R. Cleary, Director

Recorded in State Record of Water Right Certificates numbered 79836.

STATE OF OREGON

COUNTY OF JOSEPHINE

ORDER APPROVING A CHANGE IN PLACE OF USE AND A CHANGE IN POINT OF DIVERSION

Pursuant to ORS 540.510 to 540.531, after notice was given and no objections were filed, and finding that no injury to existing water rights would result, this order approves, as conditioned or limited herein, TRANSFER 9072 submitted by

AMOS Y. AND NORMA VAHRENWALD
4091 HOLLAND LOOP ROAD
CAVE JUNCTION, OREGON 97523.

The first right to be modified was confirmed by decree of the Circuit Court of the State of Oregon for JOSEPHINE County as evidenced by a PORTION of Certificate 7148. The decree is recorded in the Order Record of the Water Resources Director in Volume 1 AND 5, at Pages 253 AND 398. The date of priority is 1872 FOR TRACT 1.

The right allows the use of SUCKER CREEK, a tributary of EAST FORK ILLINOIS RIVER, for IRRIGATION OF 9.96 ACRES. The amount of water to which this right is entitled is limited to an amount actually beneficially used and shall not exceed 0.20 CUBIC FOOT PER SECOND, if available at the authorized point of diversion, or its equivalent in case of rotation, measured at the point of diversion from the source, and that the use of water for

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 137-004-080 and OAR 690-01-005 you may either petition for judicial review or petition the Director for reconsideration of this order.

irrigation purposes shall be confined to the season April 1 to October 31 of each year. Note: this right is supplemented by water from Gravelly Slough under a priority date of 1903 and from springs in SE¼ of Section 36, T 39 S, R 8 W, W.M. under a priority date of 1878.

The authorized place of use is located as follows:

	CHANGE IN POD ONLY	CHANGE IN POU AND POD
NE¼ NW¼	8.06 ACRES	1.90 ACRES

SECTION 1

TOWNSHIP 40 SOUTH, RANGE 8 WEST, W.M.

The right to use water for the above purpose is restricted to beneficial use on the lands or place of use described and is subject to all other conditions and limitations contained in the decree.

The second right to be modified, as evidenced by a PORTION of Certificate 63788, was perfected under Permit 4285 with a date of priority of NOVEMBER 1, 1919. The right allows the use of SUCKER CREEK, a tributary of the ILLINOIS RIVER, for IRRIGATION OF 15.96 ACRES. The amount of water to which this right is entitled is limited to an amount actually beneficially used and shall not exceed 0.20 CUBIC FOOT PER SECOND, if available at the original point of diversion: NW¼ SW¼, SECTION 31, T 39 S, R 7 W, W.M., or its equivalent in case of rotation, measured at the point of diversion from the source.

The amount of water used for irrigation, together with the amount secured under any other right existing for the same lands, is limited to ONE-EIGHTIETH of one cubic foot per second per acre or its equivalent for each acre irrigated.

The authorized point of diversion is located

NW¼ SW¼, SECTION 31, T 39 S, R 7 W, W.M.; 1420 FEET NORTH AND 75 FEET EAST FROM THE SW CORNER OF SECTION 31.

The use shall conform to any reasonable rotation system ordered by the proper state officer.

The authorized place of use is located as follows:

	CHANGE IN POD ONLY	CHANGE IN POU AND POD
NE¼ NW¼	10.96 ACRES	
SE¼ NW¼	4.00 ACRES	1.00 ACRES

SECTION 1

TOWNSHIP 40 SOUTH, RANGE 8 WEST, W.M.

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

The applicant proposes to change the place of use of both rights to:

CERTIFICATE 7148

SE¼ NW¼ 1.90 ACRES
SECTION 1

PERMIT 4285

SE¼ NW¼ 1.00 ACRES
SECTION 1

TOWNSHIP 40 SOUTH, RANGE 8 WEST, W.M.

The applicant proposes to change the point of diversion of both rights to a well located:

WELL 1 (WELL LOG# 41845) - NE¼ NW¼, SECTION 1, T 40 S, R 8 W, W.M.; 126.47 FEET NORTH AND 79.83 FEET WEST OF THE NW CORNER OF DLC 46.

An affidavit was received from Amos and Norma Vahrenwald, owners of certain land and the water right appurtenant to it. The landowners request a portion of a water right be DIMINISHED FROM PRIMARY IRRIGATION TO SUPPLEMENTAL IRRIGATION.

The portion is described by Certificate 63788, State Record of Water Right Certificates. The date of priority is NOVEMBER 1, 1919. The water use was for IRRIGATION OF 9.96 ACRES from SUCKER CREEK, tributary to the ILLINOIS RIVER. The amount used was 0.13 cubic foot per second.

The DIMINISHED portion is located as follows:

NE¼ NW¼ 9.96 ACRES
SECTION 1

TOWNSHIP 40 SOUTH, RANGE 8 WEST, W. M.

OAR 690-320-0070 (2) provides: "A primary right may, at the request of the owner of the water right, be diminished to a supplemental status to allow for a new primary right application from a more dependable source of water"

THESE CHANGES TO EXISTING WATER RIGHTS MAY BE MADE PROVIDED THE FOLLOWING CONDITIONS ARE MET BY THE WATER USER:

1. The proposed changes shall be completed on or before October 1, 2004.

2. The quantity of water diverted at the new point of diversion (well), together with that diverted at the old point of diversion, shall not exceed the quantity of water lawfully available at the original point of diversion.

3. The water user shall install and maintain headgates, in-line flow meters, weirs, or other suitable devices for measuring and recording the quantity of water diverted. The type and plans of the headgates and measuring devices must be approved by the Department prior to beginning construction and shall be installed under the general supervision of the Department.

4. Water shall be acquired from the same surface water source as the original point of diversion.

5. The former places of use shall no longer be irrigated as a part of these water rights.

That portion of Certificate 63788 requested to be diminished is diminished to supplemental irrigation.

Certificates 7148 and 63788 are cancelled. New certificates will be issued to confirm those portions of these rights NOT involved in this transfer and diminution. When satisfactory proof of the completed change is received, new certificates confirming these water rights will be issued.

WITNESS the signature of the Water Resources Director, affixed JAN 0 2 2003.

For Paul R. Cleary, Director

Oregon
John A. Kitzhaber, M.D., Governor

Water Resources Department
Commerce Building
158 12th Street NE
Salem, OR 97301-4172
(503) 378-3739
FAX (503) 378-8130
www.wrd.state.or.us

January 8, 2003

Amos Y. & Norma Vahrenwald
4091 Holland Loop Road
Cave Junction, Oregon 97523

REFERENCE: File T-9072

Enclosed is a copy of the order approving your water right transfer application T-9072.

A time to complete the transfer is given in the order. YOU SHOULD GIVE PARTICULAR ATTENTION TO THE TIME LIMIT. The water right for any portion of the authorized change in use or change in place of use NOT carried out within the time allowed will be lost.

An extension of the time limit can be allowed only upon a showing that diligent effort has been made to complete the actual change within the time allowed.

You have the requirement to hire a Certified Water Right Examiner (CWRE) to complete a Claim of Beneficial Use report and map which must be submitted to this department within one year of the date you completed the change or within one year of the completion date authorized in the transfer, whichever occurs first.

Sincerely,

Sarah Henderson

for BERNADETTE WILLIAMS
Transfer Program Coordinator

BW:sh

Enclosures

cc: Bruce Sund, Watermaster
Harold Center, CWRE
Vic Conrad, Illinois Valley Watershed Council

STATE OF OREGON

COUNTY OF JOSEPHINE

ORDER APPROVING A CHANGE IN PLACE OF USE AND A CHANGE IN POINT OF DIVERSION

Pursuant to ORS 540.510 to 540.531, after notice was given and no objections were filed, and finding that no injury to existing water rights would result, this order approves, as conditioned or limited herein, TRANSFER 9072 submitted by

AMOS Y. AND NORMA VAHRENWALD
4091 HOLLAND LOOP ROAD
CAVE JUNCTION, OREGON 97523.

The first right to be modified was confirmed by decree of the Circuit Court of the State of Oregon for JOSEPHINE County as evidenced by a PORTION of Certificate 7148. The decree is recorded in the Order Record of the Water Resources Director in Volume 1 AND 5, at Pages 253 AND 398. The date of priority is 1872 FOR TRACT 1.

The right allows the use of SUCKER CREEK, a tributary of EAST FORK ILLINOIS RIVER, for IRRIGATION OF 9.96 ACRES. The amount of water to which this right is entitled is limited to an amount actually beneficially used and shall not exceed 0.20 CUBIC FOOT PER SECOND, if available at the authorized point of diversion, or its equivalent in case of rotation, measured at the point of diversion from the source, and that the use of water for

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 137-004-080 and OAR 690-01-005 you may either petition for judicial review or petition the Director for reconsideration of this order.

irrigation purposes shall be confined to the season April 1 to October 31 of each year. Note: this right is supplemented by water from Gravelly Slough under a priority date of 1903 and from springs in SE¼ of Section 36, T 39 S, R 8 W, W.M. under a priority date of 1878.

The authorized place of use is located as follows:

	CHANGE IN POD ONLY	CHANGE IN POU AND POD
NE¼ NW¼	8.06 ACRES	1.90 ACRES

SECTION 1

TOWNSHIP 40 SOUTH, RANGE 8 WEST, W.M.

The right to use water for the above purpose is restricted to beneficial use on the lands or place of use described and is subject to all other conditions and limitations contained in the decree.

The second right to be modified, as evidenced by a PORTION of Certificate 63788, was perfected under Permit 4285 with a date of priority of NOVEMBER 1, 1919. The right allows the use of SUCKER CREEK, a tributary of the ILLINOIS RIVER, for IRRIGATION OF 15.96 ACRES. The amount of water to which this right is entitled is limited to an amount actually beneficially used and shall not exceed 0.20 CUBIC FOOT PER SECOND, if available at the original point of diversion: NW¼ SW¼, SECTION 31, T 39 S, R 7 W, W.M., or its equivalent in case of rotation, measured at the point of diversion from the source.

The amount of water used for irrigation, together with the amount secured under any other right existing for the same lands, is limited to ONE-EIGHTIETH of one cubic foot per second per acre or its equivalent for each acre irrigated.

The authorized point of diversion is located

NW¼ SW¼, SECTION 31, T 39 S, R 7 W, W.M.; 1420 FEET NORTH AND 75 FEET EAST FROM THE SW CORNER OF SECTION 31.

The use shall conform to any reasonable rotation system ordered by the proper state officer.

The authorized place of use is located as follows:

	CHANGE IN POD ONLY	CHANGE IN POU AND POD
NE¼ NW¼	10.96 ACRES	
SE¼ NW¼	4.00 ACRES	1.00 ACRES

SECTION 1

TOWNSHIP 40 SOUTH, RANGE 8 WEST, W.M.

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

The applicant proposes to change the place of use of both rights to:

CERTIFICATE 7148

SE¼ NW¼ 1.90 ACRES
SECTION 1

PERMIT 4285

SE¼ NW¼ 1.00 ACRES
SECTION 1

TOWNSHIP 40 SOUTH, RANGE 8 WEST, W.M.

The applicant proposes to change the point of diversion of both rights to a well located:

WELL 1 (WELL LOG# 41845) - NE¼ NW¼, SECTION 1, T 40 S, R 8 W, W.M.; 126.47 FEET NORTH AND 79.83 FEET WEST OF THE NW CORNER OF DLC 46.

An affidavit was received from Amos and Norma Vahrenwald, owners of certain land and the water right appurtenant to it. The landowners request a portion of a water right be DIMINISHED FROM PRIMARY IRRIGATION TO SUPPLEMENTAL IRRIGATION.

The portion is described by Certificate 63788, State Record of Water Right Certificates. The date of priority is NOVEMBER 1, 1919. The water use was for IRRIGATION OF 9.96 ACRES from SUCKER CREEK, tributary to the ILLINOIS RIVER. The amount used was 0.13 cubic foot per second.

The DIMINISHED portion is located as follows:

NE¼ NW¼ 9.96 ACRES
SECTION 1

TOWNSHIP 40 SOUTH, RANGE 8 WEST, W. M.

OAR 690-320-0070 (2) provides: "A primary right may, at the request of the owner of the water right, be diminished to a supplemental status to allow for a new primary right application from a more dependable source of water"

THESE CHANGES TO EXISTING WATER RIGHTS MAY BE MADE PROVIDED THE FOLLOWING CONDITIONS ARE MET BY THE WATER USER:

1. The proposed changes shall be completed on or before October 1, 2004.

2. The quantity of water diverted at the new point of diversion (well), together with that diverted at the old point of diversion, shall not exceed the quantity of water lawfully available at the original point of diversion.

3. The water user shall install and maintain headgates, in-line flow meters, weirs, or other suitable devices for measuring and recording the quantity of water diverted. The type and plans of the headgates and measuring devices must be approved by the Department prior to beginning construction and shall be installed under the general supervision of the Department.

4. Water shall be acquired from the same surface water source as the original point of diversion.

5. The former places of use shall no longer be irrigated as a part of these water rights.

That portion of Certificate 63788 requested to be diminished is diminished to supplemental irrigation.

Certificates 7148 and 63788 are cancelled. New certificates will be issued to confirm those portions of these rights NOT involved in this transfer and diminution. When satisfactory proof of the completed change is received, new certificates confirming these water rights will be issued.

WITNESS the signature of the Water Resources Director, affixed JAN 0 2 2003.

For Paul R. Cleary, Director

STATE OF OREGON

COUNTY OF JOSEPHINE

CERTIFICATE OF WATER RIGHT

THIS CERTIFICATE ISSUED TO

H. B. REED (SUCCESSOR IN INTEREST TO SAMUEL MILLER AND HATTIE MILLER)
KERBY, OREGON 97531

confirms the right to use the waters of SUCKER CREEK, a tributary of EAST FORK ILLINOIS RIVER, for IRRIGATION OF 100.5 ACRES, BEING 85.0 ACRES FOR TRACT 1 AND 15.5 ACRES FOR TRACT 2.

This right was confirmed by decree of the Circuit Court of the State of Oregon for JOSEPHINE County. The decree is of record at Salem, in the Order Record of the WATER RESOURCES DIRECTOR, in Volumes 1 AND 5, at Pages 253 AND 398. The date of priority is 1872 FOR TRACT 1 (Note: this right is supplemented by water from Gravelly Slough under a priority date of 1903 and from springs in SE¼ of Section 36, T 39 S, R 8 W, W.M. under a priority date of 1878) AND 1908 FOR TRACT 2 (Note: this right is supplemented by water from Gravelly Slough under a priority date of 1908).

The amount of water to which this right is entitled is limited to an amount actually beneficially used and shall not exceed 1.7 CUBIC FEET PER SECOND FOR TRACT 1, AND 0.19 CUBIC FOOT PER SECOND FOR TRACT 2 or its equivalent in case of rotation, measured at the point of diversion from the source, and that the use of water for irrigation purposes shall be confined to the season April 1 to October 31 of each year.

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

	TRACT 1	TRACT 2
SW¼ SW¼	25.00 ACRES	
SE¼ SW¼	26.00 ACRES	
SW¼ SE¼		2.00 ACRES

SECTION 36

TOWNSHIP 39 SOUTH, RANGE 8 WEST, W.M.

NE¼ NW¼	7.00 ACRES	12.00 ACRES
NW¼ NW¼	27.00 ACRES	1.50 ACRES

SECTION 1

TOWNSHIP 40 SOUTH, RANGE 8 WEST, W.M.

This certificate describes that portion of the water right confirmed by Certificate 7148, State Record of Water Right Certificates, NOT modified by the provisions of an order of the Water Resources Director entered _____, approving Transfer Applications 9071 AND 9072.

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

The right to the use of the water for the above purpose is restricted to beneficial use on the lands or place of use described and is subject to all other conditions and limitations contained in said decree.

WITNESS the signature of the Water Resources Director,

affixed JAN 0 2 2003.

for Paul R. Cleary, Director

Recorded in State Record of Water Right Certificates numbered 79836.

State of Oregon
Water Resources Department
158 12th Street NE, Salem, OR 97310
(503)378-8455 • (800)624-3199
www.wrd.state.or.us

Application for Water Right
Transfer

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 instructions when completing your application. Thank you.

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MAR 27 2002
WATER RESOURCES DEPT.
SALEM, OREGON

APPLICATION FOR:

Please check one

☒ Water Right Transfer ☐ Temporary Transfer ☐ Permit Amendment
☐ Historic Point of Diversion Change ☐ Government Action Point of Diversion

1. APPLICANT INFORMATION

Name: AMOS V. AND NORMA L. VAHRENWALD
First Last

Address: 4091 HOLLAND LOOP ROAD
CAVE JUNCTION OR. 97523
City State Zip

Phone: 541-592-2404
Home Work Other

*Fax: — *E-Mail address: ANRENO@WEBTV.NET

**Optional information*

2. TYPE OF CHANGE

☐ Use ☒ Place of Use ☐ Point of Diversion ☒ Point of Appropriation

Reason for change: UNABLE TO DIVERT AND CONVEY WATER FROM AUTHORIZED POINT OF DIVERSION to place of USE.

Is the land within an irrigation or other water district? ☐ Yes ☒ No

If yes, include district name: _____

For Department Use

App. No._____ Permit No._____ Date_____

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MAR 27 2002
WATER RESOURCES DEPT.
SALEM, OREGON

3. CURRENT WATER RIGHT INFORMATION

Name on Permit, Certificate, or Decree: 7148 = H. B. REED, 63788 = AMOS VAHRENWALD

Decree: SUCKER CREEK DECREE (7148)
[☐ Not applicable]

Permit Number: 4285 (63788)
[☐ Not applicable]

Certificate Number: 7148 - 63788
[☐ Not applicable]

Priority Date: 7148 = 1872, 63788 = 1919

Authorized Use: IRRIGATION

Source of Water: SUCKER CREEK

County: JOSEPHINE

Are there other sources listed on the water right? ☒ Yes* ☐ No

* YES FOR 7148
NO FOR 63788

Location of Authorized Point of Diversion or Point of Appropriation:

Coordinates (from recognized survey corner)	1/4 1/4 Section	Section	Township	Range
1420 feet NORTH AND 75 feet EAST FROM S.W. COR. SEC. 31	NW'/4 SW'/4	31	39S	7W

Location of Authorized Place of Use:

Township	Range	Section	Government Lot or DIC	1/4 1/4 Section	Tax Lot Number	Acres (if appropriate)	
40S	8W	1	—	NE'/4 NW'/4	803	6.46	P.D. 187 C-7148
40S	8W	1	—	NE'/4 NW'/4	800	3.50	P.D-187 C-7148
40S	8W	1	—	NE'/4 NW'/4	800	1.00	P.D 1919 C-63788
40S	8W	1	—	SE'/4 NW'/4	800	5.00	PD-1919 C-6378

Are there other lands described in the water right? ☒ Yes ☐ No

Are there other water rights or permits associated with this land? ☐ Yes ☒ No
If yes, include a copy of all rights or permits.

Description of general delivery system *(ditch measurements, pump size, number of sprinklers, etc.)*:
DIVERSION DAM IN SUCKER CK., OPEN DITCH to P.O.U. -NOTE-
Ditch HAS BEEN REMOVED IN AREA NORTH OF HOLLAND LOOP ROAD
by VINEYARD OWNER. -No Longer able to Convey water to P.O.U.

System capacity (in cfs): 0.200 CFS (89.55 GPM)

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MAR 27 2002
WATER RESOURCES DEPT.
SALEM, OREGON

4. PROPOSED CHANGES TO THE WATER RIGHT

☐ **Change in Use:**

Proposed use: _____

☒ **Change in Point of Diversion or Point of Appropriation:**

☒ Change
Old point of diversion or point of appropriation will not be used for this portion of the water right.

☐ Additional
Both old and new points of diversion or points of appropriation will be used for this portion of the water right.

Location of Proposed Point of Diversion or Point of Appropriation

Coordinates (from recognized survey corner)	1/4 1/4 Section	Section	Township	Range
WELL No L 41845 SITUATED 126.47 FT NORTH & 79.83 FT WEST NW Cor DLC 46	NE1/4 NW1/4	1	40S	8W

☒ **Change in Place of Use:**

Location of Proposed Place of Use

Township	Range	Section	Government Lot or DIC	1/4 1/4 Section	Tax Lot Number	Acres (if appropriate)	
40S	8W	1	—	SE1/4 NW1/4	800	1.00	C-63788 P.D. 1919
40S	8W	1	—	SE1/4 NW1/4	800	1.90	C-7148 P.D. 1872

Remarks: _____

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WATER RESOURCES DEPT.
SALEM, OREGON

5. LAND OWNERSHIP

Use/Place of Use

Answer only if for change in **Use** or **Place of Use.**

Are the lands free of encumbrances? ☒ Yes ☐ No

If no, name of encumbrance holder: _____

If no, application must include written permission for the transfer from the encumbrance holder.

Landowners

N/A

Answer only if applicant is **not** the landowner.

This section does not apply to water delivery entities authorized to act on behalf of their members, making permit amendment requests, or requests for changes in point of diversion or point of appropriation only.

Landowners: _____
(List all landowners shown on deed.)

Address(es): _____

_____
City State Zip

Application must include notarized statements from all landowners shown on deed giving permission for the transfer. Use an extra sheet if necessary.

Receiving Landowner

N/A

Answer only if the receiving landowner is **not** the original landowner or the applicant.

Name: _____

Address: _____

_____
City State Zip

☐ The Department's records should be changed to show this landowner is responsible for completion of the changes. All notices and correspondence should be sent to this landowner.

☐ Applicant will remain responsible for completion of changes. Notices and correspondence should continue to be sent to applicant.

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MAR 27 2002
WATER RESOURCES DEPT.
SALEM, OREGON

6. EXHIBITS

Application may be rejected if all appropriate exhibits are not enclosed.

Land Use Information Form:

☒ Enclosed

☐ Not needed: (must meet the following four requirements)

1. In EFU zone or irrigation district.
2. Change in place of use only.
3. No structural changes needed, including diversion works, delivery facilities, other structures.
4. Irrigation only.

☒ List all affected governments (city, county, state, tribal, federal):
JOSEPHINE COUNTY

Map:

☒ Water Right Transfer: *Must be prepared by a Certified Water Right Examiner.*

☐ All others: *Need not be prepared by a Certified Water Right Examiner.*

Deed:

☒ Must accompany all applications, except permit amendment requests.

Evidence of use within last five years, or not subject to forfeiture:

☒ Best evidence is an affidavit from a knowledgeable person describing the water use. Statements saying water was delivered or assessments/fees were paid are insufficient. Evidence must show actual use of the water for the authorized purpose, in the authorized place of use.

Water Well Reports:

☒ If application is for a change in point of appropriation or change from surface water to ground water, attach copies of all water well reports. If reports are not available, describe construction details including well depth, static water level, and information necessary to establish the ground water body developed or proposed to be developed.

Fees:

☒ Amount enclosed $_____

See instruction book for fee schedule.

7. SIGNATURE

I (we) swear that I (we) have read the above application and the statements made are true and accurate.

applicant signature	name (print)	date
Amos Y. Vahrenwald	AMOS Y. VAHRENWALD	3-22-02
Norma L. Vahrenwald	NORMA L. VAHRENWALD	3-22-02

Before you submit your application be sure you have:

- Answered each question completely.
- Attached a legible map which includes township, range, section, quarter/quarter and tax lot number.
- Included the necessary exhibits.
- Included a check payable to the Oregon Water Resources Department for the appropriate amount.

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

3-27-01 RT

WELL I.D. # L 41845
START CARD # 123435

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

(1) LAND OWNER Well Number
Name T.V. Soil & Water Conservation
Address P.O. Box 352
City Cave Junction State OR Zip 97523

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

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

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MAR 27 2002
WATER RESOURCES DEPT.
SALEM, OREGON

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

(5) BORE HOLE CONSTRUCTION:
Special Construction approval ☒ Yes ☐ No Depth of Completed Well 220 ft.
Explosives used ☐ Yes ☒ No Type Amount

HOLE Diameter	From	To	SEAL Material	From	To	Sacks or pounds
12	0	18	Bent	0	18	12 sacks
8	18	600				

How was seal placed: Method ☐A ☐B ☐C ☐D ☐E
☒ Other Poured
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:	8	+2	526	.250	☒	☐	☒	☐
					☐	☐	☐	☐
					☐	☐	☐	☐
					☐	☐	☐	☐
Liner:					☐	☐	☐	☐
					☐	☐	☐	☐

Drive Shoe used ☐ Inside ☒ Outside ☐ None
Final location of shoe(s) 526'

(7) PERFORATIONS/SCREENS:
☒ Perforations Method Air=A, Blasting=B
☐ Screens Type Material

	From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
A	100	218	½x1	3736	8"		☒	☐
B	230	250	45cal	125	8"		☒	☐
B	350	370	45cal	125	8"		☒	☐
							☐	☐

(8) WELL TESTS: Minimum testing time is 1 hour
☐ Pump ☐ Bailer ☒ Air ☐ Flowing Artesian

Yield gal/min	Drawdown	Drill stem at	Time
170		150	1 hr.

Temperature of water 55 Depth Artesian Flow Found
Was a water analysis done? ☒ Yes By whom WRD
Did any strata contain water not suitable for intended use? ☐ Too little
☒ Salty ☐ Muddy ☐ Odor ☐ Colored ☐ Other
Depth of strata: 578'

(9) LOCATION OF WELL by legal description:
County Joseph. Latitude Longitude
Township 40 N or S Range 08 E or W. WM.
Section 01 NE 1/4 NW 1/4
Tax Lot 802 Lot Block Subdivision
Street Address of Well (or nearest address)
4295 Holland Loop Rd

(10) STATIC WATER LEVEL:
21 ft. below land surface. Date 2-12-01
Artesian pressure lb. per square inch Date

(11) WATER BEARING ZONES:
Depth at which water was first found 19'

From	To	Estimated Flow Rate	SWL
19	150	150	21
298	350	150	2.5
578	587	150+	4

(12) WELL LOG:
Ground Elevation

Material	From	To	SWL
Brown clay, fine sand, uncons.	0	12	
Lt Brn clay, fn sand med-lrg gravel, un.	12	28	
Brn clay, fn sand, med-lrg gravel, un.	28	34	
Gry gravel, fn sand	34	56	
Brn clay, coarse sand, med-lrg grvl	56	182	
Blue grvl, fn sand	182	195	
Brn sand, med grvl	195	214	
Blue grvl, fn sand	214	240	
Blue clay, fn sand	240	298	
Blue-grn grvl, fn sand	298	327	
Brn sand, med grvl	327	350	
Grn silt, sm grvl	350	485	
Blue grvl, cemented grvl	485	525	

Date started 10-16-00 Completed 2-12-01

(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 Steven Carter WWC Number 1659 Date 3/9/01

(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 675

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.

2 of 4
WELL I.D. # L 41845
START CARD # 123435

(1) LAND OWNER Well Number _____
Name I.v. Soil & Water
Address P.O. Box 352
City Cave Junction State OR Zip

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

HOLE Diameter	From	To	SEAL Material	From	To	Sacks or pounds

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:					☐	☐	☐	☐
					☐	☐	☐	☐
					☐	☐	☐	☐
					☐	☐	☐	☐
Liner:					☐	☐	☐	☐
					☐	☐	☐	☐

Drive Shoe used ☐ Inside ☐ Outside ☐ None
Final location of shoe(s) _____

(7) PERFORATIONS/SCREENS:
☐ Perforations Method _____
☐ Screens Type _____ Material _____

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

(8) WELL TESTS: Minimum testing time is 1 hour
☐ Pump ☐ Bailer ☐ Air ☐ Flowing Artesian

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

Temperature of water _____ 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 Joseph Latitude _____ Longitude _____
Township 40 N or S Range 08 E or W. WM.
Section 01 ~~NE~~ 1/4 NW 1/4
Tax Lot 802 Lot _____ Block _____ Subdivision _____
Street Address of Well (or nearest address) _____
4295 Holland Loop Road

(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 _____

From	To	Estimated Flow Rate	SWL

(12) WELL LOG:
Ground Elevation _____

Material	From	To	SWL
Green silt, uncon.	525	578	
Blue grvl, coarse sand, uncons.	578	587	4
Blue silt, uncons.	587	600	4

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WATER RESOURCES DEPT.
SALEM, OREGON

Date started _____ Completed _____

(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 Steven Carth WWC Number _____ Date _____

(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 Robert E. Shaw WWC Number _____ Date _____

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

WELL I.D. # L 41845
START CARD # 123435

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

(1) LAND OWNER Well Number
Name I.V. Soil & Water Conservation
Address P.O. Box 352
City Cave Junction State OR Zip 97523

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

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

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

(5) BORE HOLE CONSTRUCTION:
Special Construction approval ☒ Yes ☐ No Depth of Completed Well 130 ft.
Explosives used ☒ Yes ☐ No Type 45 cal Amount 250 shots

HOLE Diameter	From	To	Material	SEAL From	To	Sacks or pounds
8	18	600	Cement	600	130	6 yards

How was seal placed: Method ☐ A ☐ B XX 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:	8	+2	526	.250	☒	☐	XX	☐
					☐	☐	☐	☐
					☐	☐	☐	☐
					☐	☐	☐	☐
Liner:					☐	☐	☐	☐
					☐	☐	☐	☐

Drive Shoe used ☐ Inside ☒ Outside ☐ None
Final location of shoe(s) 526'

(7) PERFORATIONS/SCREENS:
☒ Perforations Method Gun
☐ Screens Type Material

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
230	250	45cal	125	8"		XX	☐
350	370	45cal	125	8"		XX	☐
						☐	☐
						☐	☐

(8) WELL TESTS: Minimum testing time is 1 hour
☐ Pump ☐ Bailer ☐ Air ☐ Flowing Artesian

Yield gal/min	Drawdown	Drill stem at	Time
N/A			1 hr.

Temperature of water N/A 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 Joseph. Latitude Longitude
Township 40 N or S Range 08 E or W. WM.
Section 01 NE 1/4 NW 1/4
Tax Lot 802 Lot Block Subdivision
Street Address of Well (or nearest address)
4295 Holland Loop Rd

(10) STATIC WATER LEVEL:
N/A ft. below land surface. Date
Artesian pressure lb. per square inch Date

(11) WATER BEARING ZONES:
Depth at which water was first found N/A

From	To	Estimated Flow Rate	SWL

(12) WELL LOG:
Ground Elevation

Material	From	To	SWL
Casing broke	220	221	
Used a gun perforator then we pumped cement from 600' to 130', put a drillable plug at 130' & pushed down with 30,000 psi forcing cement thru perforations.			

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WATER RESOURCES DEPT.
SALEM, OREGON

Date started 1-16-01 Completed 1-19-01

(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 Steven Carter WWC Number 1659 Date 3/9/01

(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 Robert E. Quinn WWC Number 675 Date 3/9/01

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

WELL I.D. # L 41845
START CARD # 123435

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

(1) LAND OWNER Well Number _____
Name I.V. Soil & Water Conservation
Address P.O. Box 352
City Cave Junction State OR Zip 97523

(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 220 ft.
Explosives used ☐ Yes ☒ No Type _____ Amount _____

HOLE Diameter	From	To	SEAL Material	From	To	Sacks or pounds
6	0	220				N/A

How was seal placed: Method ☐ A ☐ B ☐ C ☐ D ☐ E
☐ Other N/A
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:	N/A				☐	☐	☐	☐
					☐	☐	☐	☐
					☐	☐	☐	☐
					☐	☐	☐	☐
Liner:					☐	☐	☐	☐
					☐	☐	☐	☐

Drive Shoe used ☐ Inside ☐ Outside ☐ None
Final location of shoe(s) N/A

(7) PERFORATIONS/SCREENS:
☒ Perforations Method Air perforator
☐ Screens Type _____ Material _____

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
100	218	¼x1	3736	8"		☒	☐
						☐	☐
						☐	☐
						☐	☐

(8) WELL TESTS: Minimum testing time is 1 hour
☐ Pump ☐ Bailer ☒ Air ☐ Flowing Artesian

Yield gal/min	Drawdown	Drill stem at	Time
170		150	1 hr.
120		95	

Temperature of water 55 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 Joseph. Latitude _____ Longitude _____
Township 40 N or S Range 08 E or W. WM.
Section 01 NE 1/4 NW 1/4
Tax Lot 802 Lot _____ Block _____ Subdivision _____
Street Address of Well (or nearest address) 4295 Holland Loop Rd

(10) STATIC WATER LEVEL:
N/A ft. below land surface. Date 1/25/01
Artesian pressure _____ lb. per square inch Date _____

(11) WATER BEARING ZONES:
Depth at which water was first found N/A 100

From	To	Estimated Flow Rate	SWL
100	150	138	25
150	218	32	25

(12) WELL LOG:
Ground Elevation _____

Material	From	To	SWL
Drilled out cement			
from 130' to 220'			
Perforated from 150'			
to 218', only got			
32 GPM			
Then we perforated			
from 100' to 150' &			
picked up an additional			
138 GPM			

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WATER RESOURCES DEPT.
SALEM, OREGON

Date started 1-25-01 Completed 2-12-01

(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 Steven Cates WWC Number 1659 Date 3/9/01

(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 Robert E. Green WWC Number 575 Date 3/9/01

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WATER RESOURCES DEPT.
SALEM, OREGON

AFFIDAVIT OF WATER USE

I, Amos Y. Vahrenwald and Norma L. Vahrenwald, being duly sworn, dispose and say that I am the owner of the parcel of land described within recorded deed Volume 278, Page 884 of the Deed Records of Josephine County, Oregon. Said property being further described as Tax Lots 800, 803 and 890, 40 8 by the Josephine County Assessor, with a site address of 4091 Holland Loop Road, Cave Junction, Oregon.

I have resided on the property since January of 1963 and have personally applied water that was diverted from Sucker Creek and flowed through a series of canals and ditches onto the property with the water utilized for irrigation of pasture and other farm crops.

The use of water as described has been the method utilized for irrigation of the property many years prior to my purchase of the property.

Amos Y. Vahrenwald Date July 26, 2001
Amos Y. Vahrenwald
4091 Holland Loop Rd.
Cave Junction, Or. 97523

Norma L. Vahrenwald Date July 26, 2001
Norma L. Vahrenwald
4091 Holland Loop Rd.
Cave Junction, Or. 97523

NOTARY CERTIFICATE

STATE OF OREGON)
Ss
County of Jackson)

Subscribed and sworn to me this 26th day of July 2001.

Notary Public for the State of Oregon. My Commission expires March 4, 2004.

(SEAL)

OFFICIAL SEAL
HAROLD L. CENTER
NOTARY PUBLIC-OREGON
COMMISSION NO. 330544
MY COMMISSION EXPIRES MAR. 24, 2004

Oregon Water Resources Department

Land Use Information Form

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, or used only on federal lands.

To Be Completed By Applicant

The following section includes information about proposed water use. This section must be completed by the individual or group that is filing an application for a water right with the Water Resources Department.

A. Applicant

Name: AMOS Y. AND NORMA L. VAHRENWALD

Address: 4091 HOLLAND LOOP RD.

City: CAVE JUNCTION State: OR Zip: 97523 Day Phone: (541) 592-2404

B. Land and Location

Please provide information as requested below for all tax lots on or through which water will be diverted, conveyed, or used. Check "diverted" if water is diverted (taken) from its source on tax lot, "conveyed" if water is conveyed (transported) on tax lot, and "used" if water will be put to beneficial use on tax lot. More than one box may be checked. (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.

Tax Lot I.D.	Plan Designation (e.g. Rural Residential/RR-5)	Water to be: *(check all that apply)*		
803	40-8-1 RR-5	☐ Diverted	☒ Conveyed	☒ Used
800	" EF	☐ Diverted	☒ Conveyed	☒ Used
890	" RR-5	☐ Diverted	☒ Conveyed	☒ Used

List counties and cities where water is proposed to be diverted, conveyed, or used. JOSEPHINE Co.

C. Description of Water Use

Indicate what the water will be used for. Include the beneficial use (found in the instruction booklet for your water right application) and use the space below to describe the key characteristics of the project.

Beneficial Use(s): IRRIGATION OF PASTURE / HAY

Briefly describe: INSTREAM RIGHTS (Sucker CK.) To be LEASED to STATE WATER RESOURCES. NEW WATER Right (GROUND WATER FROM WELL) To be USED.

D. Source

Indicate the source for the proposed water use:

☐ Reservoir/Pond ☒ Ground Water ☐ Surface Water WELL No. L41845 (source)

E. Quantity

Indicate the estimated quantity of water the use will require:

115 ☐ CFS ☒ GPM ☐ Acre-Feet

Receipt for Request for Land Use Information

State of Oregon
Water Resources Department
Commerce Bldg.
158 12th St. NE
Salem, OR 97310-0210
(503)378-8455

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MAR 27 2002
WATER RESOURCES DEPT.
SALEM, OREGON

For Local Government Use Only

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 or feel free to copy.

A. Allowed Use

Check the appropriate box below and provide requested information.

- ☑ 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): 61.120 + 64.020. Go to section B "Approval" below
- ☐ Land uses to be served by proposed water uses (including proposed construction) involve discretionary land use approvals as listed in the table below.

Type of Land Use Approval Needed (e.g. plan amendments, rezones, conditional use permits, etc.)	Cite Most Significant, Applicable Plan Policies & Ordinance Section References	*Check the item that applies:* Land Use Approval:	
		☐ Obtained ☐ Denied	☐ Being pursued ☐ Not being pursued
		☐ Obtained ☐ Denied	☐ Being pursued ☐ Not being pursued
		☐ Obtained ☐ Denied	☐ Being pursued ☐ Not being pursued
		☐ Obtained ☐ Denied	☐ Being pursued ☐ Not being pursued

Note: *Please attach documentation of applicable local land use approvals which have already been obtained. (Record of Action plus accompanying findings is sufficient.)*

B. Approval

Please provide printed name and written signature.

Name: Jon Briggs Date: 6/26/01

Title: Planner Phone: 541-474-5421

Signature: Jon Briggs

C. Additional Comments

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.

Note: *If this form cannot be completed while the applicant waits, sign and detach the receipt stub as instructed below. You will have 30 days from the Water Resources Department's notice date to return the completed Land Use Information Form or WRD will presume the land use associated with the proposed water right is compatible with local comprehensive plans. (See attached letter.)*

Receipt for Request for Land Use Information

Name of water right applicant:_____

This receipt must be signed by a local government representative and returned to the applicant at the time they present this form. This receipt must be included in the application for a water right permit if the local government cannot provide the requested land use information while the applicant waits.

City or County:_____

Staff contact:_____ Phone:_____

Signature:_____ Date:_____

INSTRUMENT 01-13731

ACCOM.

Date: 7/24/01 # Pages: 2

EASEMENT

The undersigned, Patsy A. Wargin, hereinafter referred to as "Grantor", does hereby grant to Amos Y. Vahrenwald and Norma L Vahrenwald, husband and wife, hereinafter referred to as "Grantee", their successors and assigns, a non-exclusive easement and right-of-way to utilize a well, the area adjacent to the well and a strip of land between the well and Grantee's land.

The well is located on Grantor's land as described on the attached EXHIBIT "A" attached hereto and made a part hereof. The easement benefits Grantee's property recorded in Volume 278, Page 884 of the Deed Records of Josephine County, Oregon

It is understood that both the Grantor and Grantee will share in the installation of the pump, common pipelines and related hardware, utility service connections, and the operation and maintenance of the system for the irrigation of their individual lands.

It is understood that so long as Grantor and Grantee are the principal users of the well, they shall have the sole responsibility for the operation and maintenance of the well and related appurtenances. If at some future time the lands of the Grantor and Grantee is conveyed in whole or in part to others, to the extent that utilization is shared by others, the latter shall assume their proportionate share of responsibility for said care, maintenance and upkeep.

The rights, obligations and interests created by this document shall inure to and be binding upon the parties hereto, their heirs, personal representatives, successors and assigns.

IN WITNESS WHEREOF, I have hereunto set my hand and seal unto this agreement this 23rd day of July, 2001.

Patsy Ann Wargin (SEAL)
Grantor

RECEIVED
MAR 27 2002
WATER RESOURCES DEPT.
SALEM, OREGON

STATE OF OREGON)
) ss
County of Jackson)

On this 23 day of July 2001, personally appeared the above named PATSY A. WARGIN, a single woman, and acknowledged the foregoing instrument to be her voluntary act.

Before Me:
Alice Pace
Notary Public for Oregon
My Commission expires: 6-19-2002

OFFICIAL SEAL
ALICE PACE
NOTARY PUBLIC-OREGON
COMMISSION NO. 312621
MY COMMISSION EXPIRES JUNE 19, 2002

is instrument filed for record as an accomodation only.
has not been examined as to its execution or as to its
ect upon the title.
Josephine County Title Co.

EXHIBIT "A"

A perpetual easement and right-of-way for the use of a water well, said well is situated in the northeast one-quarter of the northwest one-quarter of Section 1, Township 40 South, Range 8 West, Willamette Meridian, Josephine County, Oregon. The well is situated North 126.47 feet and West 79.83 feet from the Northwest corner of the P. Hall Donation Land Claim. The well Identification Number assigned by the State of Oregon, Water Resources Department is L 41845.

A perpetual easement and right-of-way for the operation and maintenance of a well pump, pipelines and related hardware, utility service connections and pipelines leading to or from the well, Westerly to the property described in Volume 278, Page 884 of the Deed Records of Josephine County.

Grantor:
Patsy A. Wargin
4295 Holland Loop Rd.
Cave Junction, Or. 97523

Grantee:
Amos Y. and Norma L. Vahrenwald
4091 Holland Loop Road
Cave Junction, Or. 97523

INSTRUMENT 01-13731
STATE OF OREGON
COUNTY OF JOSEPHINE
I, County Clerk and ex-officio Recorder of Conveyances, in and for said County, do hereby certify that the within instrument was received for record and recorded at
Date: 7/24/01 Time: 10:30 AM
in the Josephine County Book of Records.
GEORGIETTE BROWN, COUNTY CLERK
By Deputy:
Pages: 2 Fee: $21.00
Hand Returned [X] Mailed [ ] Hold [ ]

FORM No. 716—WARRANTY DEED (Grantors as Tenants by Entirety). STEVENS NESS LAW PUB. CO., PORTLAND, ORE.

24493 40-8-1 800 801 90905 VOL 278 PAGE 884

KNOW ALL MEN BY THESE PRESENTS, That Jimmie J. Castleberry and Emma L. Castleberry, husband and wife, grantor, in consideration of Ten and No/100 ($10.00) Dollars, and other valuable considerations to them paid by Amos Y. Vahrenwald and Norma L. Vahrenwald, husband and wife, grantees, do hereby grant, bargain, sell and convey unto the said grantees, as tenants by the entirety, their heirs and assigns, all the following real property, with the tenements, hereditaments and appurtenances, situated in the County of Josephine and State of Oregon, bounded and described as follows, to-wit:

Commencing at the Northwest corner of the P. H. Hall Donation Land Claim; thence East along the North line of said Donation Land Claim to the East line of fractional Lot 4, Section 1, Township 40 South, Range 8 West of the Willamette Meridian; thence North to the intersection of County Road; thence West along South line of County Road 1/4 mile to the intersection of the West line of Lot 4; thence South to the Northwest corner of the Southeast quarter of the Southwest quarter of Section 1, Township 40 South, Range 8 West of the Willamette Meridian; thence East 1/4 mile; thence North to the Intersection of the South line of said Donation Land Claim; thence West to the Southwest corner of said Donation Land Claim; thence North to beginning.

Less and Except the following: Beginning at the point of intersection of the South line of the County Road and the West line of lot 4 in Section 1, Township 40 South, Range 8 West of the Willamette Meridian, and run thence South along the West line of said lot 4 a distance of 1045 feet; thence East 209 feet; thence North parallel with the West line of said Lot, to the South line of the County Road; thence West along the South line of said County Road 209 feet, more or less, to the point of beginning.

Also less and except: Commencing at the point of intersection of the West line of Lot 4 of Section 1, Township 40 South, Range 8 West of the Willamette Meridian, and the South line of the County Road; thence Southeasterly along the said South line of the County Road 546 feet to the true point of beginning of this description; thence South 7°45' West 255 feet; thence South 82°15' East 144 feet; thence North 7°45' East 255 feet to the South line of the County Road; thence Northwesterly along said South County Road line 144 feet to the true point of beginning.

Except Deed from State Land Board to Artie Thomblison, recorded in Volume 50 at Page 166, Josephine County Deed Records, contains the following reservation: "Subject to right of way for ditches, canals and reservoir sites for irrigation purposes, constructed, or which may be constructed by Authority of the United States or otherwise, which right of way is hereby expressly reserved."

County of Josephine } On this 23rd day of January, 1963, before me, the undersigned, a Notary Public in and for said County and State, personally appeared the within named Jimmie J. Castleberry and Emma L. Castleberry husband and wife who are known to me to be the identical individual s described in 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.

Notary Public for Oregon.
My Commission expires

WARRANTY DEED

Jimmie J. Castleberry et ux.

TO

Amos Y. Vahrenwald et ux.

AFTER RECORDING RETURN TO

JOSEPHINE COUNTY TITLE CO.

DOCKET No.

STATE OF OREGON, } ss.
County of

I certify that the within instru-

State of Oregon, County of Josephine, } ss. I, A. Donley Barnes, County Clerk and ex-officio Recorder of Conveyances, in and for said County, do hereby certify that the within instrument was received for record at 90905 MOV 10 '71 AM and Recorded at Page 884 of Vol. 278 DEED Records of Josephine County, Oregon. A. DONLEY BARNES Co. Clerk By Deputy Fee $2.00

COUNTY CLERK JOSEPHINE COUNTY OREGON

716

RIDER ATTACHED

FORM No. 716—WARRANTY DEED (Grantees as Tenants by Entirety). STEVENS-NESS LAW PUB. CO., PORTLAND, ORE.

24493 40-8-1 800 801 90995 VOL 278 PAGE 884

KNOW ALL MEN BY THESE PRESENTS, That
Jimmie J. Castleberry and Emma L. Castleberry, husband and wife

To Have and to Hold the above described and granted premises unto the said grantees as tenants by the entirety, their heirs and assigns forever.

And they, the grantors, covenant that they are lawfully seized in fee simple of the above granted premises free from all incumbrances, except rights of the public in and to any portion of the above described premises lying within the boundaries of public roads,

and that they will and their heirs, executors and administrators, shall warrant and forever defend the above granted premises, and every part and parcel thereof, against the lawful claims and demands of all persons whomsoever.

Witness their hand s and seal s this 23rd. *day of* January, *19*63

(SEAL)

(SEAL)

(SEAL)

(SEAL)

STATE OF OREGON, } ss.

County of Josephine } *On this* 23rd. *day of* January, *19*63, *before me, the undersigned, a Notary Public in and for said County and State, personally appeared the within named* Jimmie J. Castleberry and Emma L. Castleberry, husband and wife who are *known to me to be the identical individual s described in 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.

Notary Public for Oregon.
My Commission expires

WARRANTY DEED

Jimmie J. Castleberry, et ux.

TO

Amos Y. Vehrenwald, et ux.

AFTER RECORDING RETURN TO

JOSEPHINE COUNTY TITLE CO.

DOCKET No.

716

STATE OF OREGON, } ss.

County of

I certify that the within instru-

State of Oregon, County of Josephine, ss. I, A. Dailey Barnes, County Clerk and Auditor Recorder of Conveyances, in and for said County do hereby certify that the within instrument was received for record at 10 71 AM

COUNTY CLERK
JOSEPHINE COUNTY, OREGON

and Recorded 884 of Vol. 278 at Page

DEED

Records of Josephine County, Oregon
A. DAILEY BARNES, County Clerk
By Deputy
Fee $2.00

RIDER ATTACHED

STATE OF OREGON

COUNTY OF JOSEPHINE

CERTIFICATE OF WATER RIGHT

THIS CERTIFICATE ISSUED TO

AMOS VAHRENWALD
4091 HOLLAND LOOP
CAVE JUNCTION, OREGON 97523

confirms the right to use the waters of SUCKER CREEK, a tributary of the ILLINOIS RIVER, for the purpose of IRRIGATING 21.0 ACRES.

The right has been perfected under Permit 4285. The date of priority is NOVEMBER 1, 1919. The right is limited to not more than 0.27 CUBIC FOOT PER SECOND, IF AVAILABLE AT THE ORIGINAL POINT OF DIVERSION, or its equivalent in case of rotation, measured at the point of diversion from the source.

The point of diversion is located as follows:

NW 1/4 SW 1/4, SECTION 31, T 39 S, R 7 W, W.M.; 1420 FEET NORTH AND 75 FEET EAST FROM THE SW CORNER OF SECTION 31.

The amount of water used for irrigation, together with the amount secured under any other right existing for the same lands, shall be limited to ONE-EIGHTIETH of one cubic foot per second per acre, or its equivalent for each acre irrigated.

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

A description of the place of use under the right, and to which such right is appurtenant, is as follows:

NE 1/4 NW 1/4 16.0 ACRES
SE 1/4 NW 1/4 5.0 ACRES
SECTION 1
TOWNSHIP 40 SOUTH, RANGE 8 WEST, W.M.

This certificate is issued to confirm a change in POINT OF DIVERSION approved by an order of the Water Resources Director entered JANUARY 25, 1984, and together with certificate 51984, supersedes certificate 7770, State Record of Water Right Certificates.

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

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

WITNESS the signature of the Water Resources Director, affixed this date DECEMBER 29, 1989.

T-9071
T-9072

/s/ WILLIAM H. YOUNG
Water Resources Director

Recorded in State Record of Water Right Certificates numbered 63788

T-5312.JW

Instream lease #244 4-1-01/10-31-02

0.0125857

0.075 9071

5.04

0.205 9072

NE NW S P
SE NW 9.96 I
S

P 0.06
S 0.14

0.064
0.128
0.0128

0.07 5.04
0.13 9.96
0.01 1
0.06 S

NOV 1 5

Affidavit of Publication

STATE OF OREGON,
County of Josephine } ss.

I, Virginia L. Gulliam Office Manager, being first duly sworn, depose and say I am the ~~publisher~~ of the Illinois Valley News, a newspaper of general circulation printed and published at Cave Junction in the aforesaid county and state, as defined in Section 58 Oregon Laws, that Notice of Water Right Transfer 9071 and 9071 a printed copy of which is hereto annexed, was published in the entire issue of said newspaper for three successive and consecutive three issues on the following dates:

Sept 25, Oct 2, 9, 2002

Virginia L. Gulliam, Office Manager

Subscribed and sworn to before me this 31st day of October, 2002.

Dar Sams
Notary Public for Oregon

(My Commission expires 10-4-04).

OFFICIAL SEAL
DAR SAMS
NOTARY PUBLIC - OREGON
COMMISSION NO. 339101
MY COMMISSION EXPIRES OCT. 4, 2004

***

NOTICE OF WATER RIGHT TRANSFER 9071 and 9071

***

Patsy A. Wargin filed an application with the Water Resources Department for a change in point of appropriation of water as provided by ORS 537.705 and 540.510 and 540.530.

Certificate 7148 in the name of H.B. REED (Successor in interest to Samuel Miller and Hattie Miller)., includes a right limited to 0.1 cubic foot per second from Sucker Creek, with a priority date of 1872 for irrigation of 5.04 acres.

The applicant proposes to change to two points of appropriation: Well #1, WELL LOG #41845 - NE1/4 NW1/4, SECTION 1, TOWNSHIP 40 SOUTH, RANGE 8 WEST, W.M.; 126.47 FEET NORTH AND 79.83 FEET WEST OF THE NW CORNER OF DLC 46; WELL #2, WELL LOG #45122—NE1/4 NW1/4, SECTION 1, TOWNSHIP 40 SOUTH, RANGE 8 WEST, W.M.; 261.47 FEET NORTH AND 641.25 FEET EAST OF THE NW CORNER OF DLC 46.

Certificate 63788, in the name of Amos Vahrenwald, includes a right limited to 0.07 cubic foot per second from Sucker Creek, with a

The applicant proposes to change the point of appropriation to WELL LOG #41845 - NE1/4 NW1/4, SECTION 1, TOWNSHIP 40 SOUTH, RANGE 8 WEST, W.M.; 126.47 FEET NORTH AND 79.83 FEET WEST OF THE NW CORNER OF DLC 46.

The applicant proposes to change the place of use of 1.9 acres to SE1/4 NW1/4, SECTION 1, TOWNSHIP 40 SOUTH, RANGE 8 WEST, W.M.

Certificate 63788 in name of Amos Vahrenwald, includes a right limited to 0.20 cubic foot per second from Sucker Creek, with a priority date of November 1, 1919 for irrigation of 15.96 acres.

The point of diversion for this right is in the NW1/4 SW1/4, SECTION 31, TOWNSHIP 39 SOUTH, RANGE 7 WEST, W.M.; 1420' NORTH AND 75' EAST FROM THE SW CORNER OF SECTION 31.

The applicant proposes to change the point of appropriation to WELL LOG #41845 - NE1/4 NW1/4, SECTION 1, TOWNSHIP 40 SOUTH, RANGE 8 WEST, WM.M.; 126.47 FEET NORTH AND 79.93 FEET WEST OF THE NW CORNER OF DLC 46.

The applicant proposes to change the place of use of 1.0 acres to SE1/4 NW1/4, SECTION 1, TOWNSHIP 40 SOUTH, RANGE 8 WEST, W.M.

Protests may be filed by persons who think their water right may be injured by this change. The protest fee is $25.00. Additional information or forms and rules for filing protests are available from the Water Resources Department by phoning (541) 471-2886, ext. 228. If a protest is filed a hearing may be held.

STATE OF OREGON

COUNTY OF JOSEPHINE

CERTIFICATE OF WATER RIGHT

THIS CERTIFICATE ISSUED TO

AMOS VAHRENWALD
4091 HOLLAND LOOP
CAVE JUNCTION, OREGON 97523

confirms the right to use the waters of SUCKER CREEK, a tributary of the ILLINOIS RIVER, for the purpose of IRRIGATING 21.0 ACRES.

The right has been perfected under Permit 4285. The date of priority is NOVEMBER 1, 1919. The right is limited to not more than 0.27 CUBIC FOOT PER SECOND, IF AVAILABLE AT THE ORIGINAL POINT OF DIVERSION, or its equivalent in case of rotation, measured at the point of diversion from the source.

The point of diversion is located as follows:

NW 1/4 SW 1/4, SECTION 31, T 39 S, R 7 W, W.M.; 1420 FEET NORTH AND 75 FEET EAST FROM THE SW CORNER OF SECTION 31.

The amount of water used for irrigation, together with the amount secured under any other right existing for the same lands, shall be limited to ONE-EIGHTIETH of one cubic foot per second per acre, or its equivalent for each acre irrigated.

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

A description of the place of use under the right, and to which such right is appurtenant, is as follows:

(9.96 S P)-9072

NE 1/4 NW 1/4 16.0 ACRES
SE 1/4 NW 1/4 5.0 ACRES
SECTION 1
TOWNSHIP 40 SOUTH, RANGE 8 WEST, W.M.

This certificate is issued to confirm a change in POINT OF DIVERSION approved by an order of the Water Resources Director entered JANUARY 25, 1984, and together with certificate 51984, supersedes certificate 7770, State Record of Water Right Certificates.

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

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

WITNESS the signature of the Water Resources Director, affixed this date DECEMBER 29, 1989.

T-9071
T-9072

/s/ WILLIAM H. YOUNG
Water Resources Director

Recorded in State Record of Water Right Certificates numbered 63788

T-5312.JW

Instream Lease #244 4-1-01/10-31-02

9072 9071
T 10.96 5.04
S
0.2 0.07
0.0128571
P 0.06
S 0.14

Court—A-442—500—2-26.

STATE OF OREGON

COUNTY OF JOSEPHINE

CERTIFICATE OF WATER RIGHT

This is to Certify, *That* H. B. REED (Successor in interest to Samuel Miller & Hattie Miller)

of Kerby, *State of* Oregon 97531 *has a right to the use of*

the waters of Sucker 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 Josephine *County, and the said decree entered of record at Salem, in the Order Record of the STATE ENGINEER, in Volumes* 1 & 5 *, at pages* 253 & 398 *; that the priority of the right thereby confirmed dates from* 1872 for Tract #1; 1908 for Tract #2;

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 2 cubic feet per second for Tract #1; 0.19 cubic foot per second for Tract #2; and that the use of water for irrigation purposes shall be confined to the season April 1 to October 31 of each year;

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:

.02

2

Tract #1: 22 acres in the NE¼NW¼, 27 acres in the NW¼NW¼, Section 1, T. 40 S. R. 8 W. W. M., 25 acres in the SW¼SW¼, 26 acres in the SE¼SW¼, Section 36, T. 39 S. R. 8 W. W. M., being a total of 100 acres. (NOTE: This right is supplemented by water from Gravelly Slough under date of 1903, and from springs in SE¼ of Sec. 36, T. 39 S. R. 8 W. W. M., under date of 1878.)

Tract #2: 2 acres in the SW¼SE¼, Section 36, T. 39 S. R. 8 W. W. M.; 12 acres in the NE¼NW¼ and 1.5 acres in the NW¼NW¼, Section 1, T. 40 S. R. 8 W. W. M., being a total of 15.5 acres. (NOTE: This right is supplemented by water from Gravelly Slough under date of 1908.)

0.19

9071 9072 RR

Tract #1 NE NW 22 ~~5.4~~ 5.04 9.96 7 27 25 26

85

2 12 1.5

15.5 / 100.5

R285 ac tract #1 1.7

0.1 9071
0.2 9072

1.7a

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 1st *day of* April *, 192* 7.

RHEA LUPER
State Engineer.

T-9072
T-9071

Recorded in State Record of Water Right Certificates, Volume 7 *, page* 7148

Instream Lease #244 #245 4-1-01/10-31-02

T-8175

See PC 83-7 (All)

VR

MAY 8 2002

Oregon Department of Fish and Wildlife
Transfer Comment Form

Reference: Transfer # 9072

We have reviewed the application for transfer and provide the following comments:

Please check one of the boxes related to potential injury to water rights.

☒ There does not appear to be a potential for injury to instream or other water rights as a result of the transfer.

☐ We believe that the transfer would injure the instream or other water right(s) on _____, tributary to _____. The nature of the injury is as follows: _____

_____

_____.

(Please attach any available supporting information.)

Please check one of the boxes related to requiring a fish screen or by-pass device.

☐ Pursuant to ORS 540.525 or 540.532, a condition should be included in any order approving the transfer to require the installation of a fish screen or by-pass device to prevent fish from leaving (source) and entering the diversion. The existing point of diversion is:

☐ Equipped with an appropriate fish screening or by-pass device; or

☐ Included on the priority list of screening projects established pursuant to section 8, chapter 933, Oregon Laws 1989.

The applicant should contact the following person to obtain additional information on the plans and specifications for the required fish screen or by-pass device and to obtain information about ODFW's cost sharing program for screening and by-pass devices:

ODFW staff name:
Address:
City/State/Zip:
Phone:

☒ A fish screen or by-pass device should not be required as a condition of approval of the transfer.

Gerald F. Vogt, Jr.
Signature

Gerald F. Vogt, Jr.
Printed Name

Assistant District Fish Biologist
Title

Please return this form to Teresa Vonn, Water Resources Department, 942 SW 6th Street, Suite E, Grants Pass, OR 97526 by ***May 7, 2002.***

Oregon
John A. Kitzhaber, M.D., Governor

Water Resources Department
Commerce Building
158 12th Street NE
Salem, OR 97301-4172
(503) 378-3739
FAX (503) 378-8130

INTEROFFICE MEMO

FORWARD TO: Teresa Vonn DATE: 4-5-02
FIELD PROCESSOR WORKING ON THIS TRANSFER

FROM: ✓ WATERMASTER, DISTRICT # 14
GROUNDWATER SECTION

(SIGNATURE) Norman E. [illegible] signed by injury reviewer

SUBJECT: **WATER RIGHT TRANSFER #** 9072

A change in: **POU** **POD** **POA** **USE** of water. SW → GW

In the name(s) of Amos & Norma Vahrenwald.

In my opinion (assuming the right is valid), the proposed change

MAY BE MADE WITHOUT INJURY WOULD RESULT IN INJURY* to an existing water right.

*The approval of this transfer application would result in injury to other water rights because____

The existing right may not be valid because

Headgate notices HAVE HAVE NOT Been issued for diversion from the source(s)which serve(s) this right.

If for change in point of diversion, is there any intervening point(s) for diversion between the authorized and proposed points of diversion? (Yes or No) NA

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

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

_____ (2) WHEN IN the judgement of the watermaster it becomes necessary . . .

The enclosed copy of the transfer application and map(s) is for your records.

wmtrans.frm

Oregon
John A. Kitzhaber, M.D., Governor

Water Resources Department
Commerce Building
158 12th Street NE
Salem, OR 97301-4172
(503) 378-3739
FAX (503) 378-8130

INTEROFFICE MEMO

FORWARD TO: Teresa Vonn DATE: 4-5-02
FIELD PROCESSOR WORKING ON THIS TRANSFER

FROM: _____ WATERMASTER, DISTRICT # _____
✓ GROUNDWATER SECTION

(SIGNATURE) Ivan K Gall 05/07/2002
signed by injury reviewer

SUBJECT: **WATER RIGHT TRANSFER #** 9072

A change in: **POU** **POD** **POA** **USE** of water. SW → GW

In the name(s) of Amos & Norma Vahrenwald.

In my opinion (assuming the right is valid), the proposed change

MAY BE MADE WITHOUT INJURY WOULD RESULT IN INJURY* to an existing water right.

*The approval of this transfer application would result in injury to other water rights because____

The existing right may not be valid because _____

Headgate notices HAVE HAVE NOT Been issued for diversion from the source(s)which serve(s) this right.

If for change in point of diversion, is there any intervening point(s) for diversion between the authorized and proposed points of diversion? (Yes or No) _____

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

X (1) PRIOR to the diverting of water at the new point of diversion . . . Install a properly functioning, totalizing flow meter.

_____ (2) WHEN IN the judgement of the watermaster it becomes necessary . . .

The enclosed copy of the transfer application and map(s) is for your records.

wmtrans.frm

Oregon
John A. Kitzhaber, M.D., Governor

Water Resources Department
942 SW 6th Street
Suite E
Grants Pass, OR 97526
(541) 471-2886
FAX (541) 471-2876

REGISTERED PROFESSIONAL
OREGON
IVAN KYLE GALL
G1927
GEOLOGIST

WATER RESOURCES DEPARTMENT MEMORANDUM

Date: May 7, 2002

To: ***Transfer File 9072***

From: Ivan Gall – Hydrogeologist, Grants Pass

Subject: Transfer 9072 (previously GW Application G-15638)

Applicant:	Amos and Norma Vahrenwald
Seek:	Surface water (Sucker Creek) to ground water transfer 89.55 gpm
From:	One Drilled Well
Proposed Use:	Irrigation
Quad Name:	Takilma

Well # 1 JOSE 53826/L41845

- 40S/08W-1ba (NE of the NW), Tax Lot 802 in Josephine County
- Well is located 126 feet North and 80 feet West of the Northwest corner of DLC 46 (from application)
- Natural ground elevation at well is ~1,390 feet (NGVD 1929)
- Well is 220 feet deep, perforated from 100 to 218 feet bgs
- Water-bearing alluvial sediment occurs from approximately 20 to 230 feet bgs
- Well is ~***1,500 feet*** south of Sucker Creek and 1,400 feet north of Althouse Creek
- Elevation of Sucker and Althouse Creeks near the site is ~1,385 feet and ~1,380 feet, respectively (NGVD 1929)
- Distance from JOSE 53826 to authorized POD: ***4,600 feet***

Evaluation Summary

The subject property is located on Holland Loop Road, east of Cave Junction, Oregon (Figure 1). Topography at the site generally slopes to the west, and locally north towards Sucker Creek and south towards Althouse Creek. Althouse and Sucker Creek both join the East Fork Illinois River approximately one mile west of the site. Gravelly Slough, a small tributary to Althouse Creek, runs through and adjacent to the subject property. Land use is rural residential, with some larger (10+ acre) agricultural fields and some limited wooded areas.

The applicant is applying for a surface water to ground water transfer of 89.55 gallons per minute (gpm) for irrigation from April 1 to October 31. One drilled well is the proposed new

POA, JOSE 53826/L41845. The applicant, by pursuing this transfer, will eliminate a small pushup dam in Sucker Creek, and provide for a more efficient use of water through a pressurized irrigation system. The new POA is greater than 1000 feet downstream from the authorized POD, and the new POA is greater than 500 feet from the original source. As such, the Illinois Valley SWCD/WC requested that OWRD provide a licensed geologist to meet the requirements of OAR 690-15-210 (e) because of the fish-friendly nature of this transfer.

The geology in the area is composed of interbedded silt, silty sand, and silty gravel. Underlying the alluvium are probably rocks of the Triassic Applegate Group, composed of metasedimentary and metavolcanic rocks. Serpentine crops out at the basin boundaries and may also be present below the alluvium. Somewhere in the area near Bridgeview, buried by alluvium, is a thrust fault separating Jurassic metasedimentary rocks of the Galice Formation on the west from rocks of the older Triassic Applegate Group to the east.

JOSE 53826 (Test Well #1) was drilled in late 2000 and early 2001 as part of a cooperative ground water study between OWRD and the Illinois Valley Soil and Water Conservation District/Watershed Council (IVSWCD/WC). The goal of the well was to evaluate the alluvial aquifer(s) and depth to bedrock at the site. JOSE 53826 was drilled to 600 feet below ground surface (bgs) and did not encounter bedrock (a detailed geologic log is attached). Three separate aquifers, characterized by different heads and water quality, were encountered. JOSE 53826 was completed in the upper aquifer following abandonment of the lower portion of the well. This aquifer appears to have the best water quality (lowest total dissolved solids) for irrigation. Figure 2 provides water level data collected at JOSE 53826 since installation was completed. Little recharge was observed during the spring of 2001 as a result of very low precipitation. However, the water level only dropped approximately 2 feet during the dry season. Following the onset of precipitation in November 2001, recovery in the aquifer was relatively rapid, rising approximately 4.5 feet over the last quarter of 2001.

GRID lists 28 well logs for section 1 of 40S/08W (including one abandonment). All but four of these wells are less than 100 feet deep, and the well yields are almost all in excess of 20 gpm. To the north in section 36 of 39S/08W, GRID lists 44 well logs. All of these wells are 150 feet deep or less, all report yields greater than 5 gpm, and half of these wells have yields exceeding 15 gpm and up to 60 gpm. Based on well log data, ground water occurrence in the area appears to be more than adequate for domestic use, and available in quantities sufficient for irrigation. Nearly all the wells are completed into the alluvial material.

One nearby well, JOSE 13049 (Herndon), has had a recorder installed since approximately October 1999. Recorder failure in early 2000 resulted in missing the seasonal high in the water table aquifer. The hydrograph (Figure 3) indicates a seasonal water table fluctuation from approximately 11 feet bgs to nearly 19 feet bgs. Nearby pumping influence is evident on the hydrograph. The water table appears to have been only slightly lower during the dry summer of 2001 as compared to the summer water levels of 2000. Based on the proximity of Sucker and Althouse Creeks, and the nature of the unconsolidated aquifer, it is very likely that the water levels in the creeks help maintain the water table elevation during the dry

summer months, either directly or through application of irrigation water on nearby agricultural fields.

Figure 3 also contains stream stage hydrographs from Sucker Creek near Bridgeview (14375200) and Althouse Creek near Kerby (14373600; misnamed station, should be Althouse Creek near Bridgeview) for the period of record of all three sites. Some data gaps exist from equipment failure on the well and Sucker Creek hydrographs. Figure 4 are the same hydrographs from October 2000 to December 2001, and Figure 5 shows the hydrographs from October 2001 into December 2001 (the shorter time periods allow a more detailed view).

In late 2001, an approximate 1.5-foot rise in Althouse Creek stage corresponded to an approximate 5-foot rise in the upper aquifer water level. This increase is similar to that observed in JOSE 53826. Unfortunately, recorder failure did not provide Sucker Creek stage data for the larger rain events in late 2001. However, earlier data suggest that both Sucker and Althouse Creek respond in similar fashion to precipitation. No precise ground elevation data are available for the well heads or the stream stages in the area. Using elevation estimates from the topographic maps, it appears that the water level in the upper aquifer at the Herndon well is lower than the stream stages during the dry season and at or near the stream stages during the wet season. The streams likely act to drain the shallow aquifer during the wet season, and help maintain aquifer levels during the dry season. No water level data are available for the aquifer adjacent to Sucker and Althouse Creeks.

Aquifer Testing of JOSE 53826 (Test Well #1)

An aquifer test was conducted on JOSE 53826 from 12:00 noon on February 14, 2001 to approximately 19:30 on February 15, 2001. The test was cut short by a mechanical problem with the diesel generator, used to power the submersible pump. During the aquifer test, the discharge rate averaged approximately 145 gallons per minute (gpm; see Figure 6). Water from the pumping well was discharged into Gravelly Slough approximately 25 feet from the well, where it flowed south towards Althouse Creek. Drawdown and recovery water level data were collected at the pumping well and three nearby wells (Figure 7):

- Herndon recorder well - JOSE 13049, located approximately 970 feet to the east
- Wargin Domestic/irrigation well – JOSE 53718, located approximately 720 feet to the northeast
- Rental Domestic well – JOSE 13046, located approximately 260 feet to the north.

In addition, water level data were collected from an old, 20-inch diameter "culvert" well approximately 18 feet deep and located approximately 400 feet to the northwest of JOSE 53826 (on Vahrenwald's property; Figure 7). No drawdown was observed in this shallow well during the aquifer test. The water level in this well increased approximately 0.25 feet during the test, possibly as a result of minor precipitation during the test or discharge water from the pumping well recharging the shallow aquifer.

Analysis of the observed drawdown and recovery data from the three observation wells provides information on the potential impact on nearby wells from irrigation use of JOSE

53826. Both figures of drawdown and recovery data are provided, as are tabulated data at the end of this analysis.

Figures 8, 9, and 10 show the drawdown and recovery water level data, drawdown data only, and recovery data only, respectively, at the pumping well (JOSE 53826). Both early time portions of the drawdown and recovery curves are steep, likely as a result of poor well efficiency. Total drawdown approached 78 feet; full recovery was made in approximately 2,000 minutes following cessation of pumping. Early-time recovery data are missing as staff were offsite when the generator failed. Drawdown at the pumping well appeared to have stabilized between 600 and 900 minutes after beginning the test. Slight variation in late time water level data may have resulted from variation in the diesel generator output because of temperature fluctuations.

Approximately 1.2 feet of drawdown was observed at the Herndon well (Figure 11) during the 1,890 minutes of pumping. By the end of the pumping period, the rate of water level decline in the Herndon well had slowed substantially from early time drawdown, suggesting that substantial increases in drawdown at the Herndon site were not likely to occur, even over longer periods of time. Full water level recovery was observed at the Herndon well approximately 1,900 minutes after the pumping ceased. Figure 12 is a hydrograph of the Herndon well for February 2001, which shows the effects of testing the pump prior to the aquifer test, and a longer-term rise in water levels. The longer term rise in water levels may have contributed to the apparent rapid recovery following cessation of pumping.

Approximately 1.3 feet of drawdown was observed in JOSE 13046, a domestic well for a rental located approximately 260 feet to the north of the pumping well (Figure 13). As with the Herndon well, the rate of water level decline had slowed substantially, and recovery was relatively rapid following pump shutdown. Drawdown at the Wargin well (JOSE 53718) was also approximately 1.3 feet (Figure 14). Again, the rate of drawdown appeared to have slowed substantially, and recovery was relatively rapid, approximately 2,200 minutes after pumping had ceased. Some of the water level variation in both JOSE 13046 and JOSE 53718 are a result of limited well use during the aquifer test.

Appendix A contains preliminary analyses of the aquifer test data using the AQTESOLV software, providing estimates of aquifer transmissivity and storage. A subsequent Jenkins analysis was also conducted to evaluate the stream depletion potential of the proposed ground water POAs. This analysis was conducted to evaluate whether the ground water use from the two wells would affect Sucker Creek similarly (i.e., 50% stream depletion following 10 days of continuous pumping).

Using the best estimates of aquifer transmissivity (145 gpd/ft^2) and storage (0.003), the estimated stream depletion exceeds the 50% requirement for the proposed POA. Various decreases in transmissivity and increases in storage were evaluated to check the sensitivity of the Jenkins analysis to more conservative aquifer parameter values. The more conservative parameter estimates generally showed a stream depletion exceeding 50%. Because the aquifer is unconfined and hydraulically connected to Sucker Creek, the applicant meets the transfer rule requirements.

Recommendation:

The ground water resource appears to be available at this location to support the applicant's transfer request without the potential for substantial interference with neighboring wells. This aquifer does interact with Sucker Creek to the extent that the proposed ground water use will similarly affect the original surface water source. The applicant must provide a properly functioning, totalizing flow meter on the proposed well to allow measurement of water use.

References:

1. WRD GRID well log database.
2. USGS 7.5 minute topographic maps, Takilma, OR-CA and Holland, OR 1:24,000 sheets, 1996.
3. Ramp, L., and Peterson, N.V., 1979. Geology and Mineral Resources of Josephine County, Oregon. Bulletin 100, Oregon Department of Geology and Mineral Industries.
4. Unpublished provisional February 2001 Aquifer Test Data from Test Well #1 (JOSE 53826), collected by Ivan Gall/OWRD and Norm Daft/Josephine County Water Resources.
5. Unpublished provisional water level and stream stage data, OWRD – Grants Pass, OR.

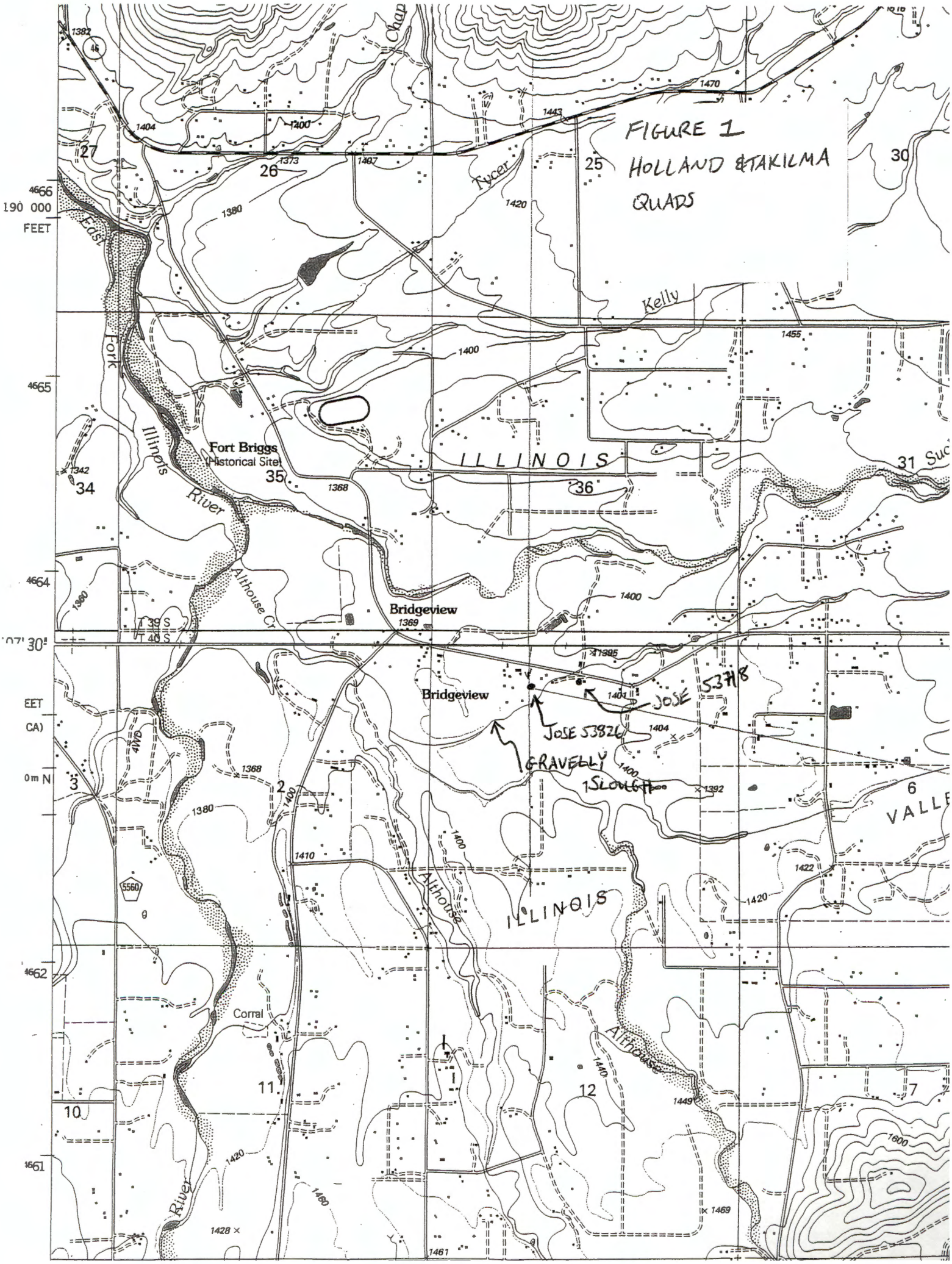
FIGURE 1
HOLLAND & TAKILMA
QUADS
Chap
Tycer
Kelly
East Fork
Illinois River
Fort Briggs
(Historical Site)
ILLINOIS
Althouse Cr
Bridgeview
T 39 S
T 40 S
JOSE 53718
JOSE 53826
GRAVELLY
SLOUGH
Corral
Althouse
ILLINOIS
River
VALLE
4666
190 000
FEET
4665
4664
4662
4661
30m N
27
26
25
30
34
35
36
31
3
2
6
10
11
12
7
1382
1404
1400
1373
1407
1470
1443
1420
1380
1455
1342
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1469
1461
1428
1460
1600
5560

FIGURE 2

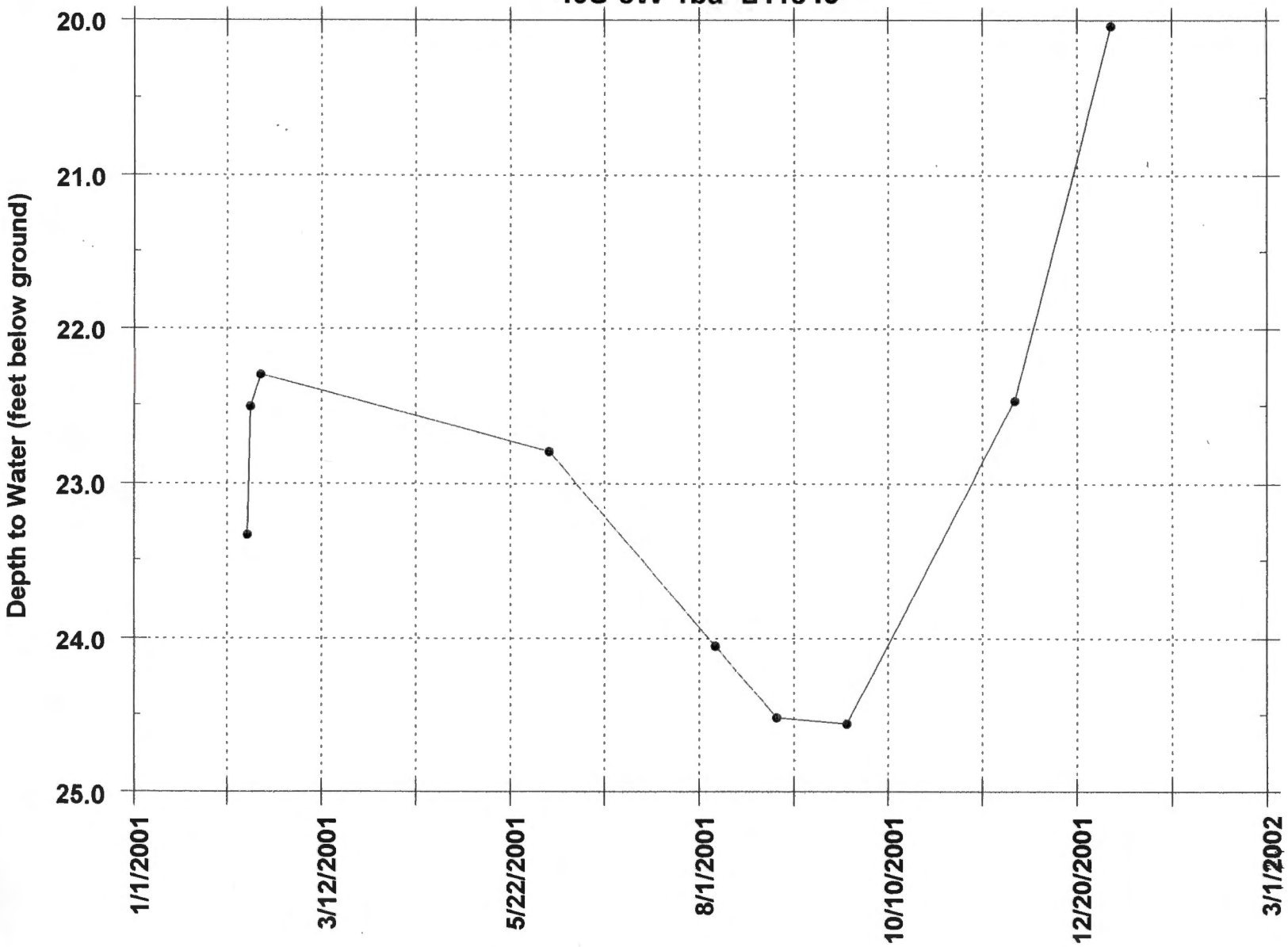

Test Well #1 JOSE 53826
40S-8W-1ba L41845
Depth to Water (feet below ground)
20.0
21.0
22.0
23.0
24.0
25.0
1/1/2001
3/12/2001
5/22/2001
8/1/2001
10/10/2001
12/20/2001
3/1/2002

FIGURE 3

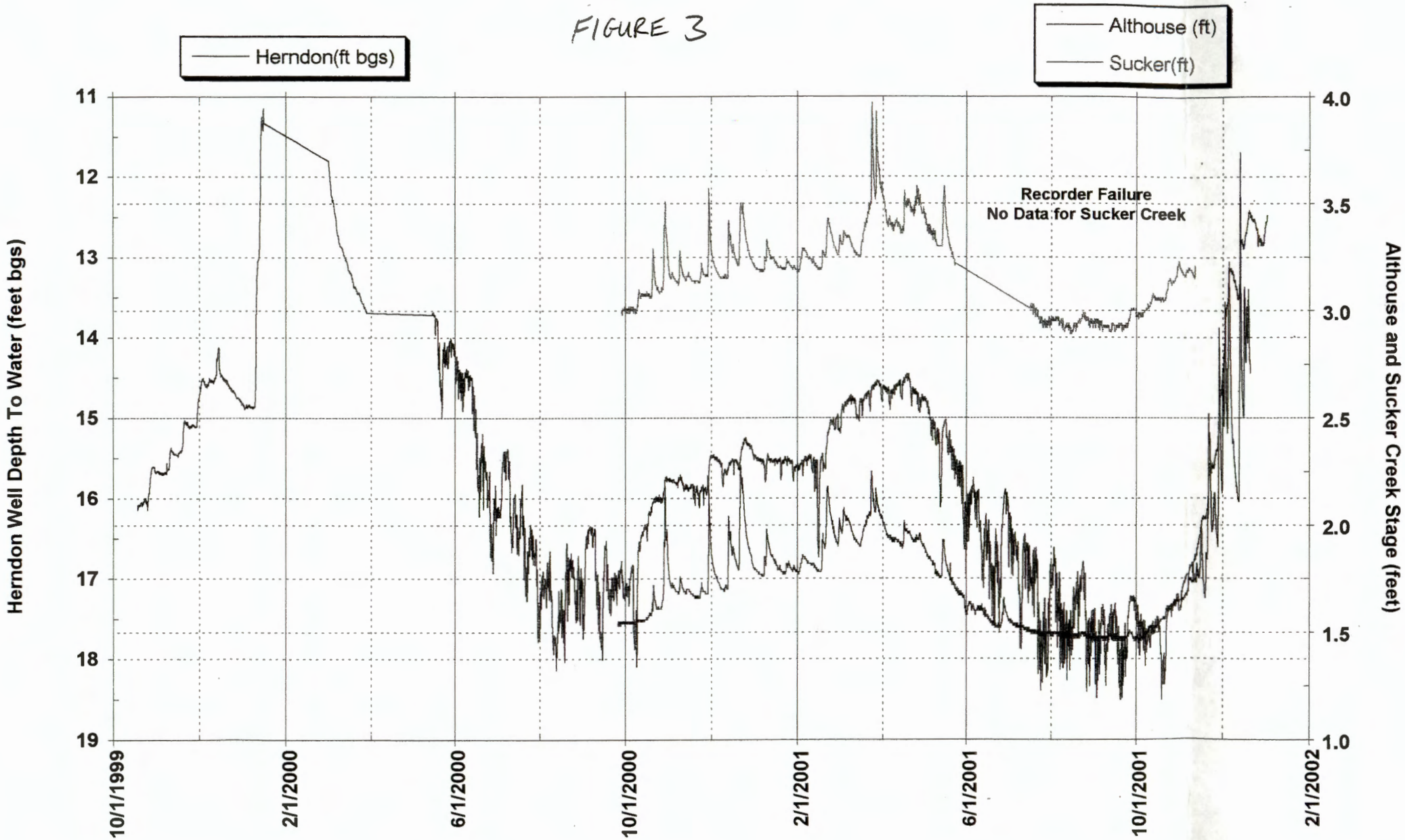

Herndon(ft bgs)
Althouse (ft)
Sucker(ft)
Recorder Failure
No Data for Sucker Creek
Herndon Well Depth To Water (feet bgs)
Althouse and Sucker Creek Stage (feet)
11
12
13
14
15
16
17
18
19
4.0
3.5
3.0
2.5
2.0
1.5
1.0
10/1/1999
2/1/2000
6/1/2000
10/1/2000
2/1/2001
6/1/2001
10/1/2001
2/1/2002

FIGURE 4

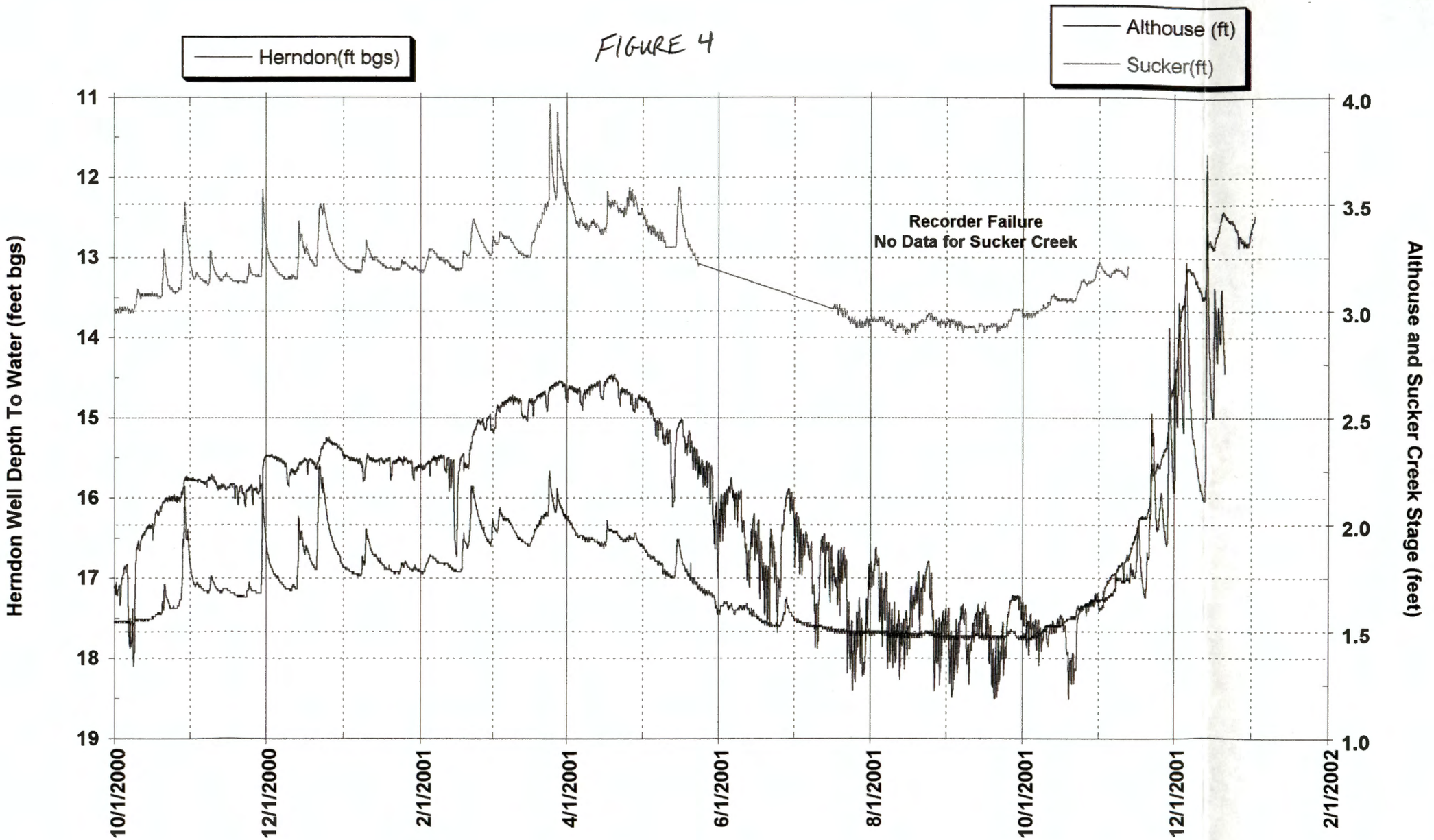

Herndon(ft bgs)
Althouse (ft)
Sucker(ft)
Recorder Failure
No Data for Sucker Creek
Herndon Well Depth To Water (feet bgs)
Althouse and Sucker Creek Stage (feet)
11
12
13
14
15
16
17
18
19
4.0
3.5
3.0
2.5
2.0
1.5
1.0
10/1/2000
12/1/2000
2/1/2001
4/1/2001
6/1/2001
8/1/2001
10/1/2001
12/1/2001
2/1/2002

FIGURE 5

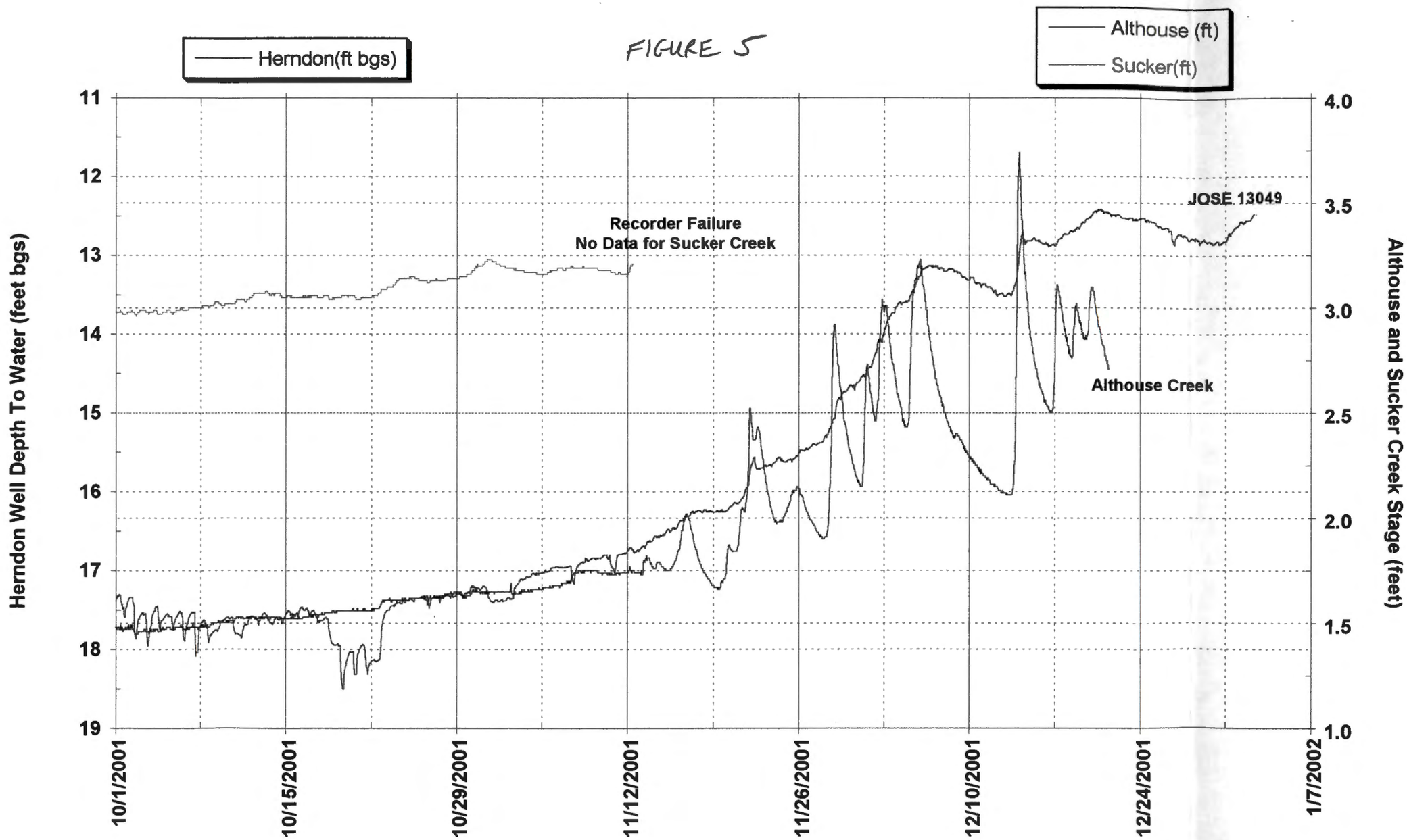
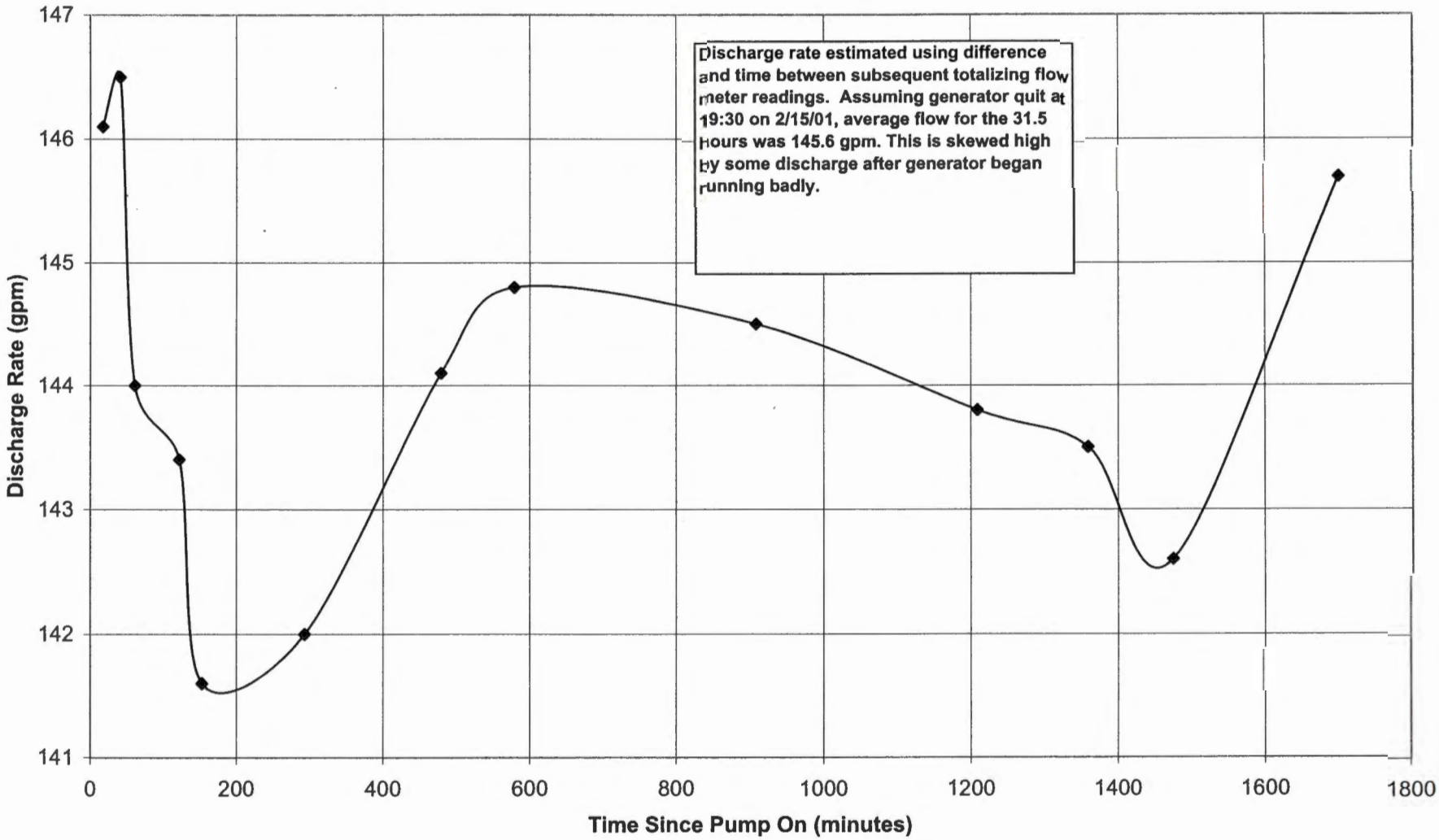

Herndon(ft bgs)
Althouse (ft)
Sucker(ft)
Herndon Well Depth To Water (feet bgs)
Althouse and Sucker Creek Stage (feet)
11
12
13
14
15
16
17
18
19
4.0
3.5
3.0
2.5
2.0
1.5
1.0
10/1/2001
10/15/2001
10/29/2001
11/12/2001
11/26/2001
12/10/2001
12/24/2001
1/7/2002
Recorder Failure
No Data for Sucker Creek
JOSE 13049
Althouse Creek

FIGURE 6

Upper Zone Aquifer Test
Discharge Rate of JOSE 53826



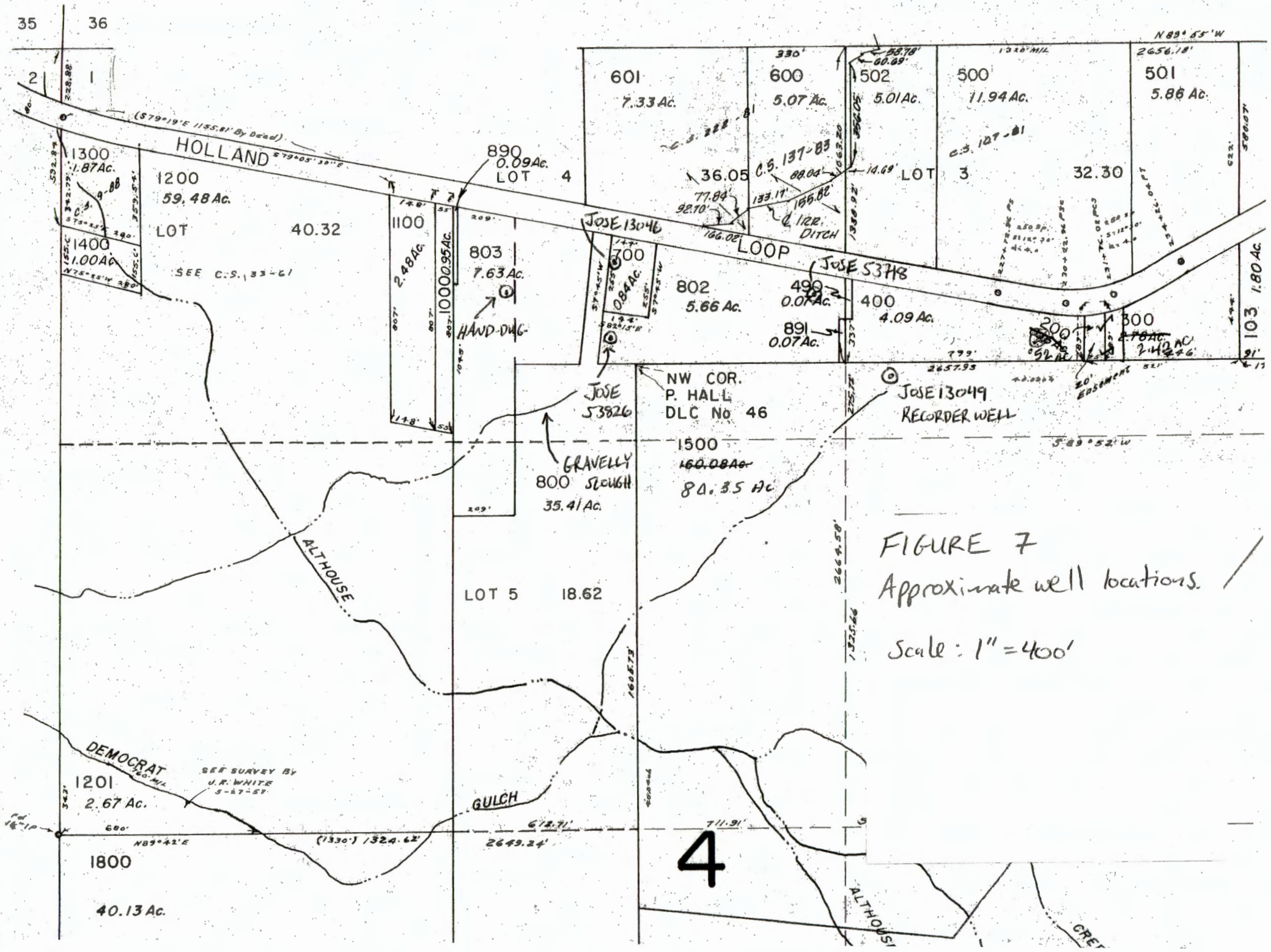
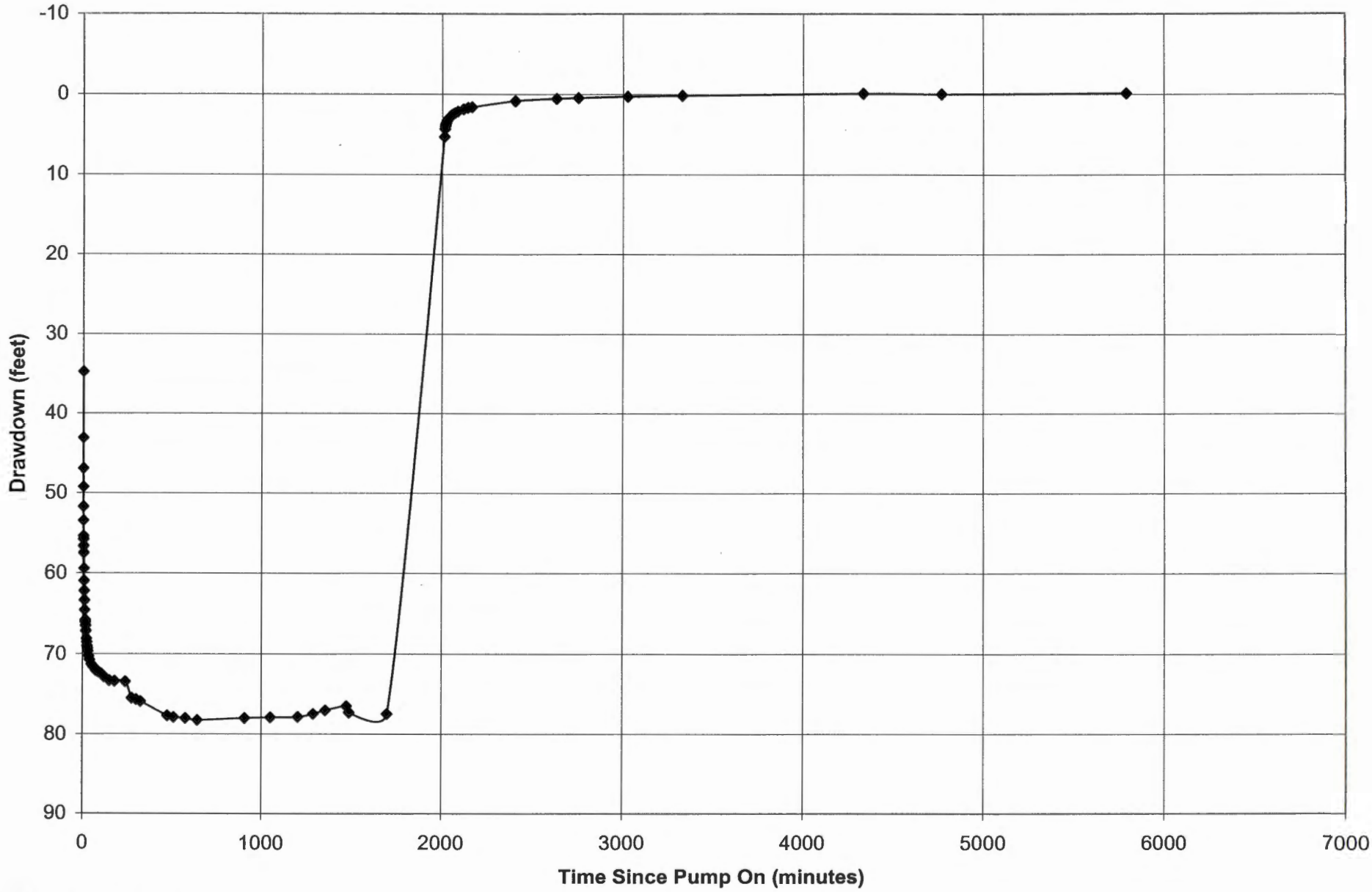


FIGURE 7
Approximate well locations.

Scale: 1" = 400'

FIGURE 8

Test Well #1 JOSE 53826 Drawdown/Recovery
Upper Zone Aquifer Test - February 2001



c:\sucker\tw1_test2.xls

FIGURE 9

Test Well #1 Drawdown - JOSE 53826
Upper Zone Aquifer Test February 2001

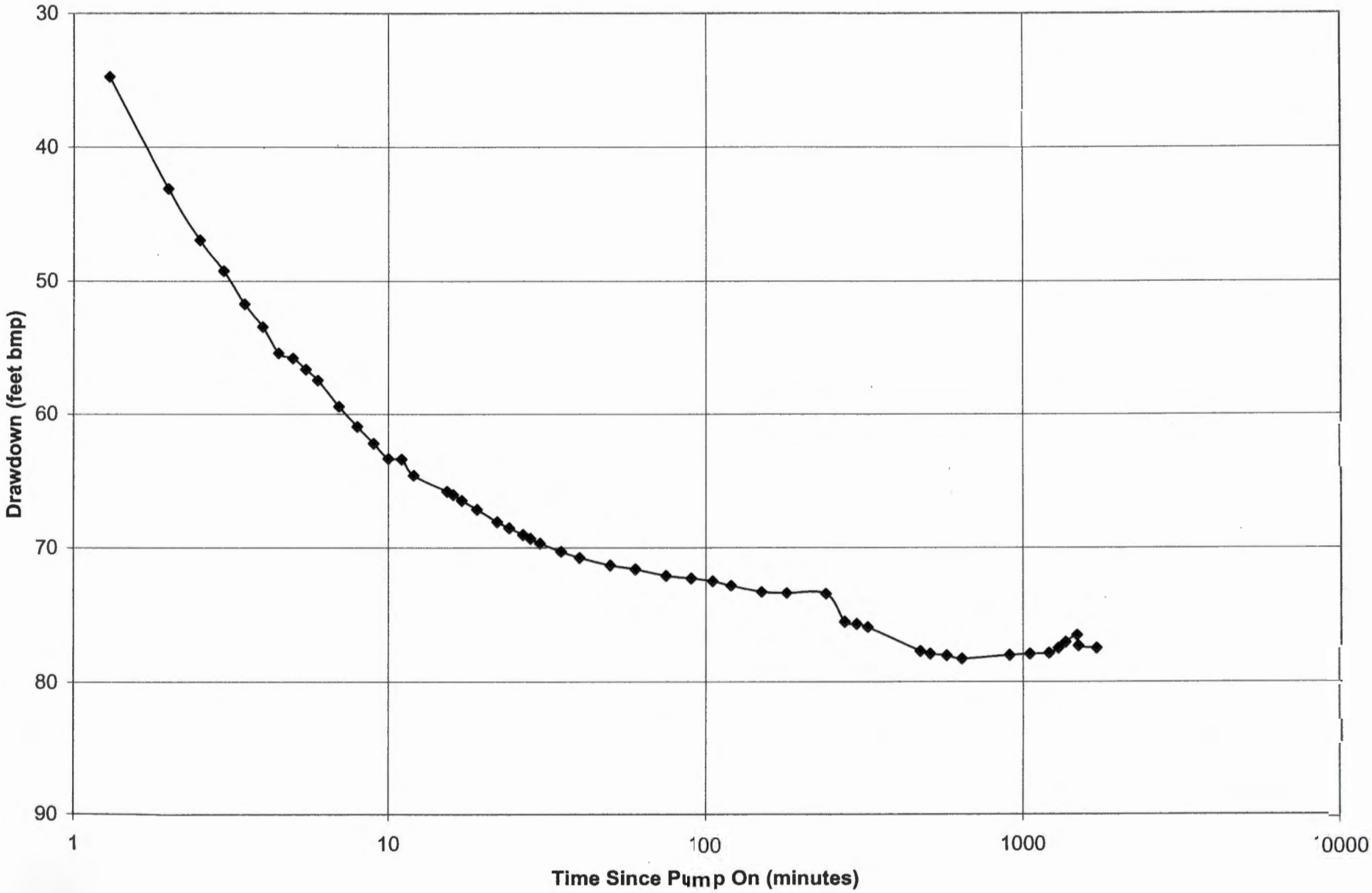


FIGURE 10

Test Well #1 - Residual Drawdown - JOSE 53826 RECOVERY

Upper Zone Aquifer Test February 2001

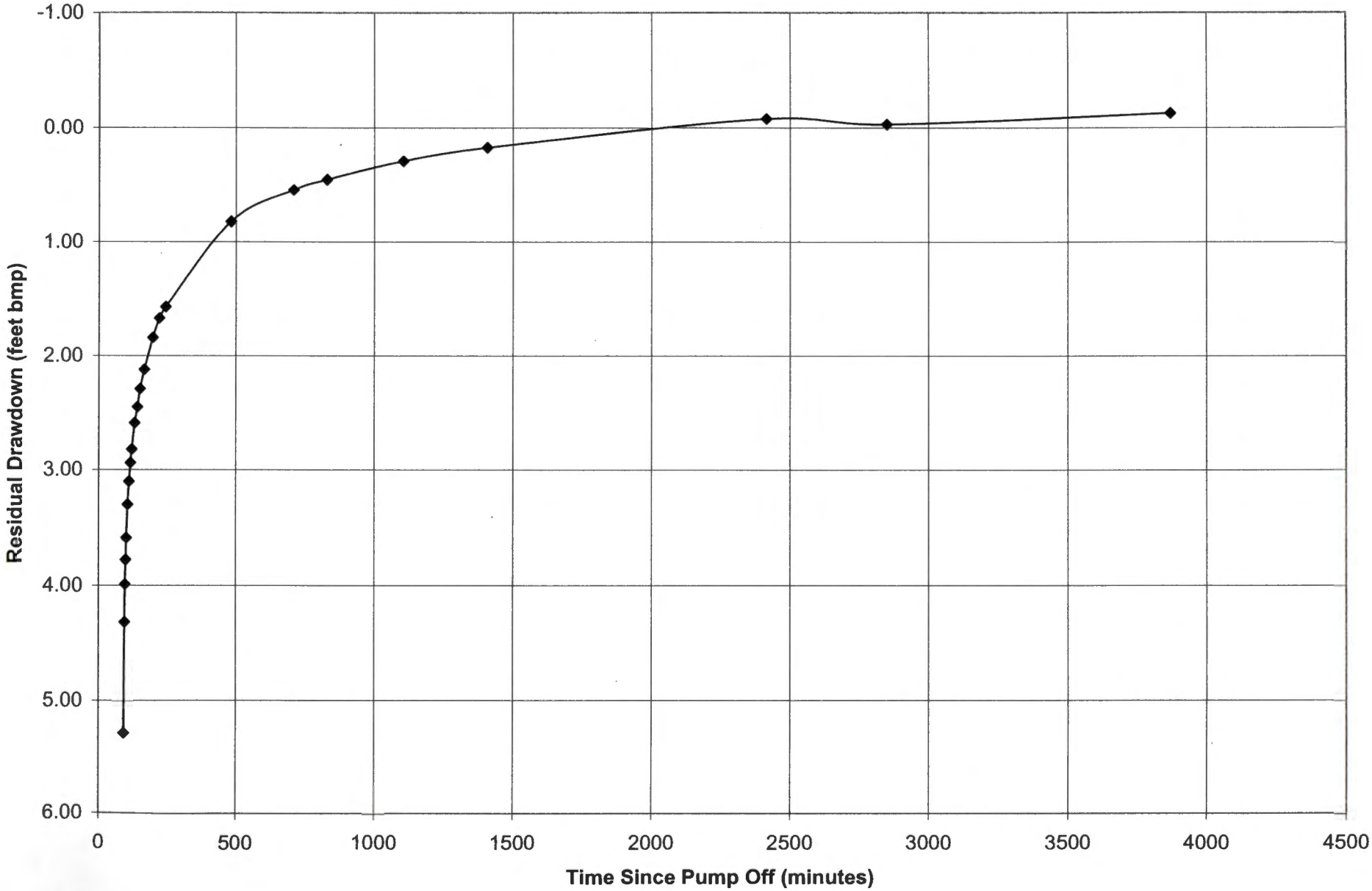
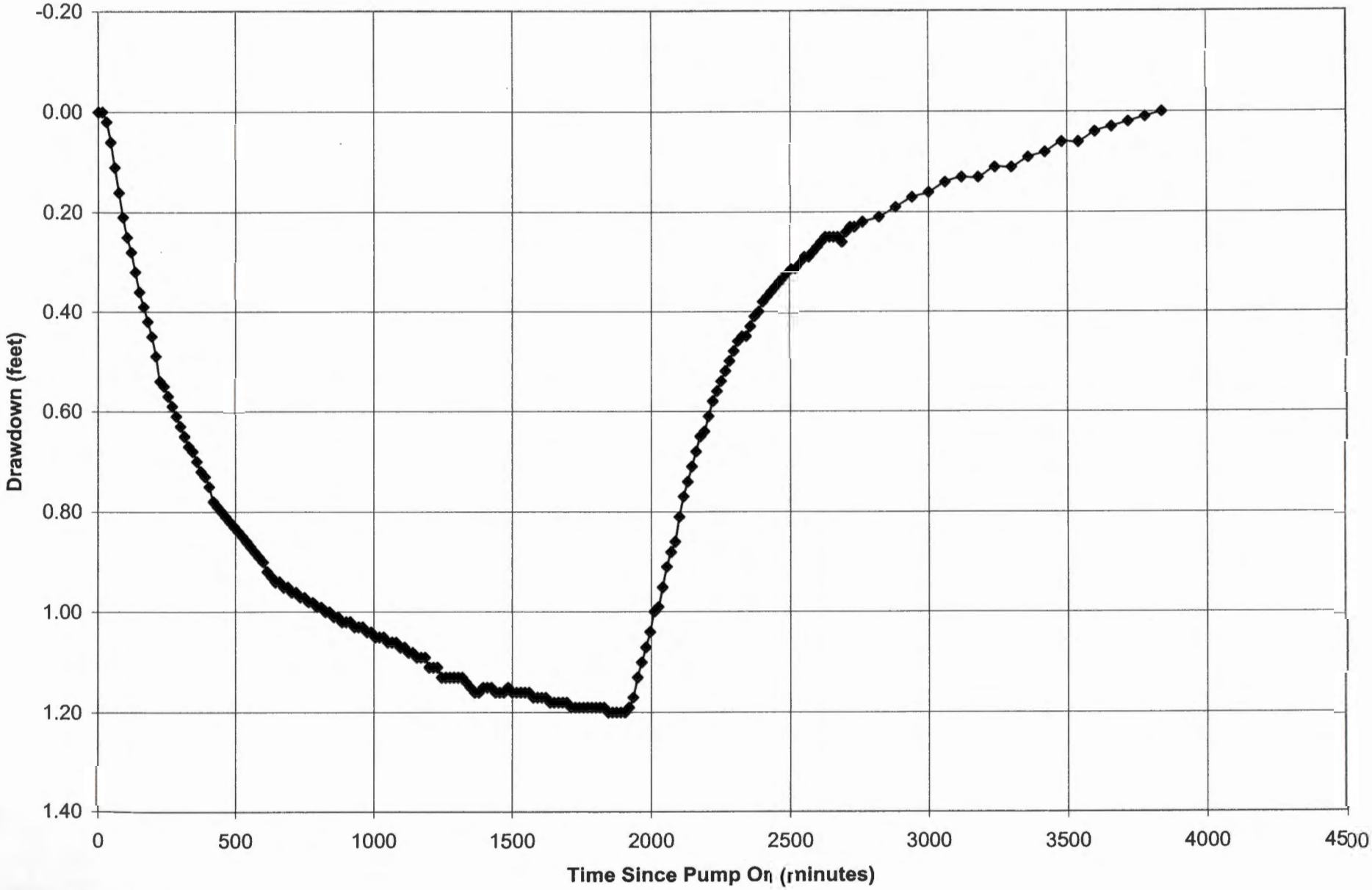


FIGURE 11

Herndon Well - JOSE 13049

Drawdown/Recovery During Test Well #1 Aquifer Test

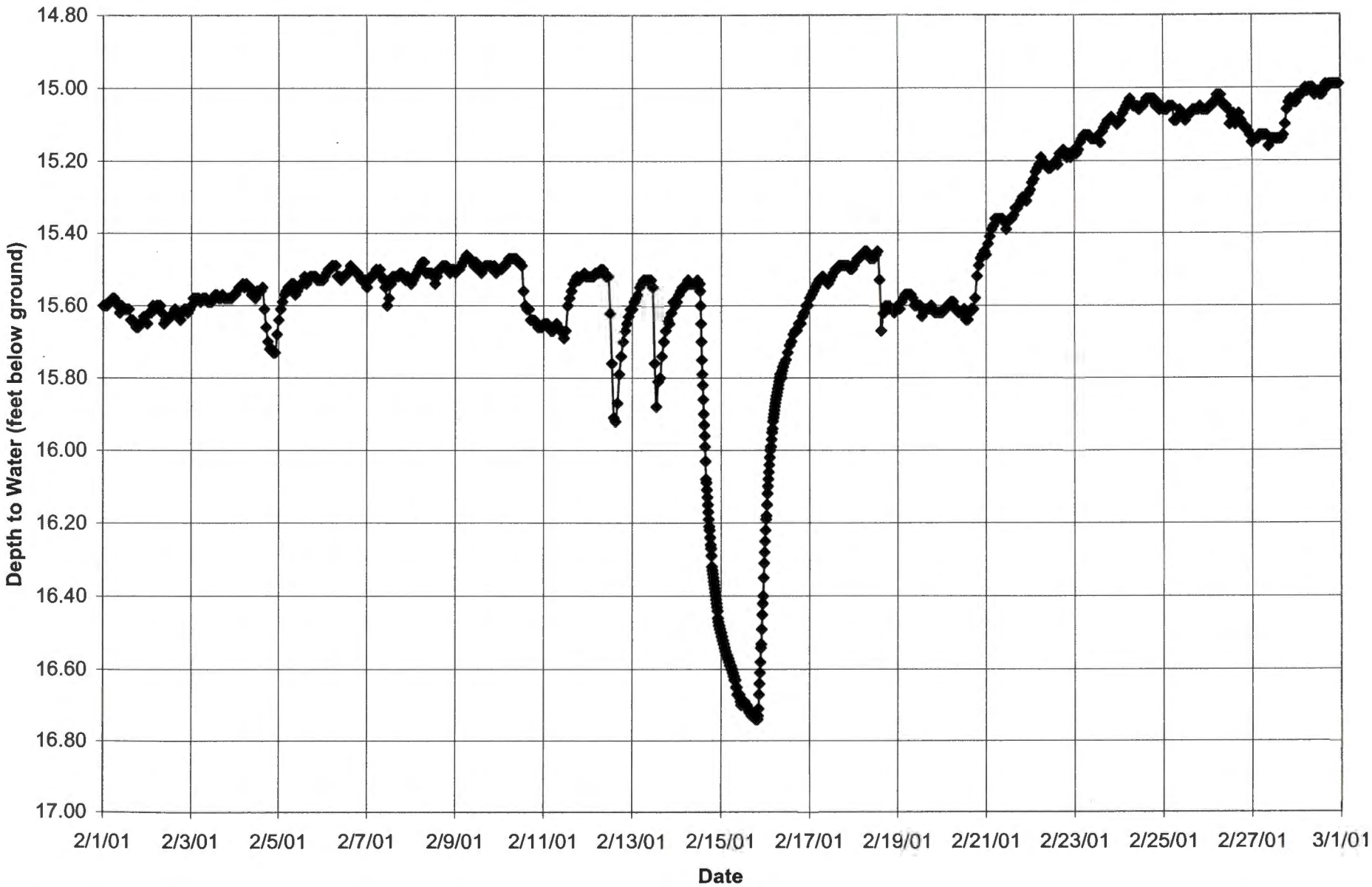


c:\sucker\herndon.xls

FIGURE 12

Herndon Well - JOSE 13049

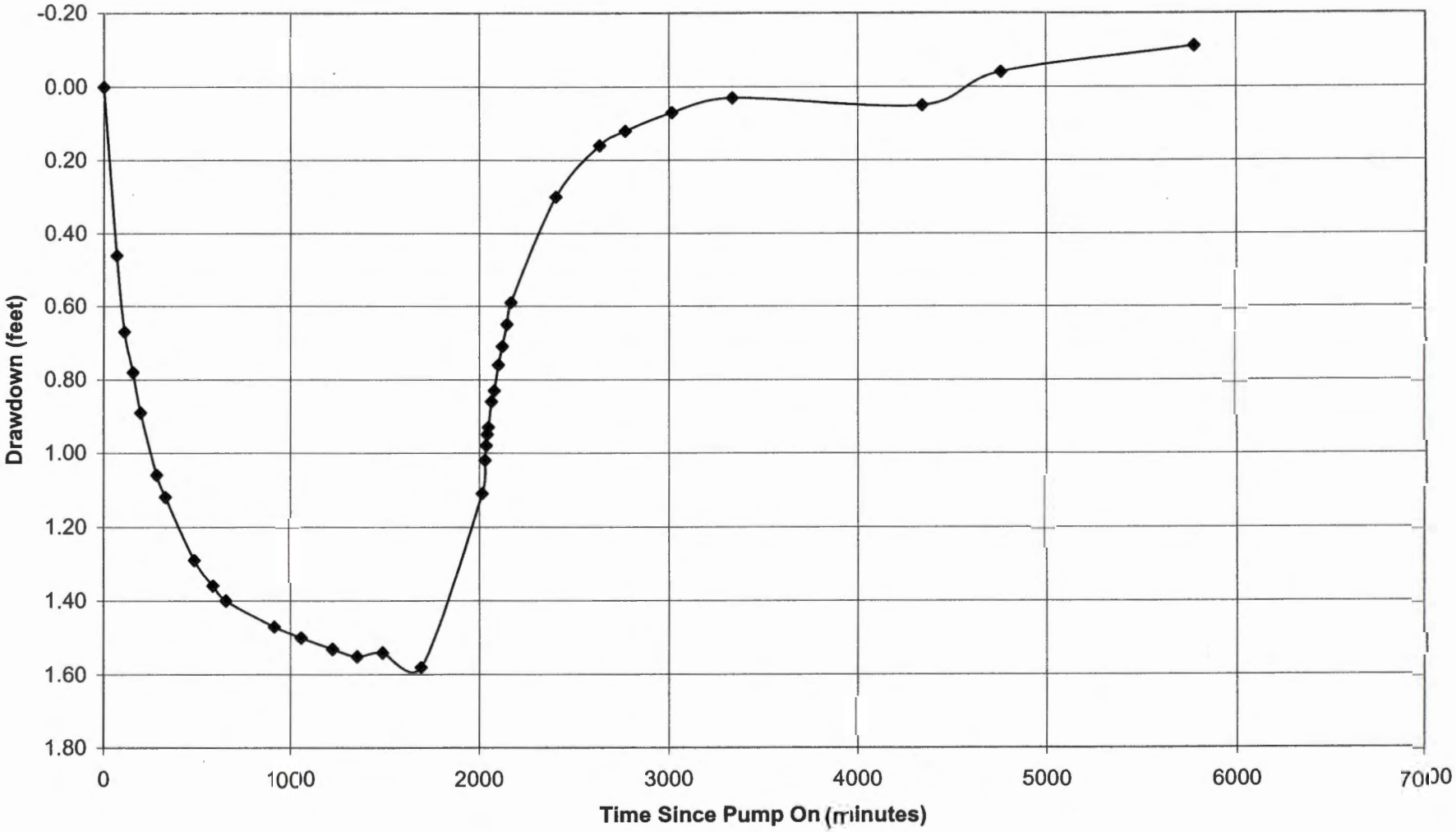
Recorder Data Near Time of Test Well #1 Aquifer Test



c:\sucker\herndon.xls

FIGURE 13

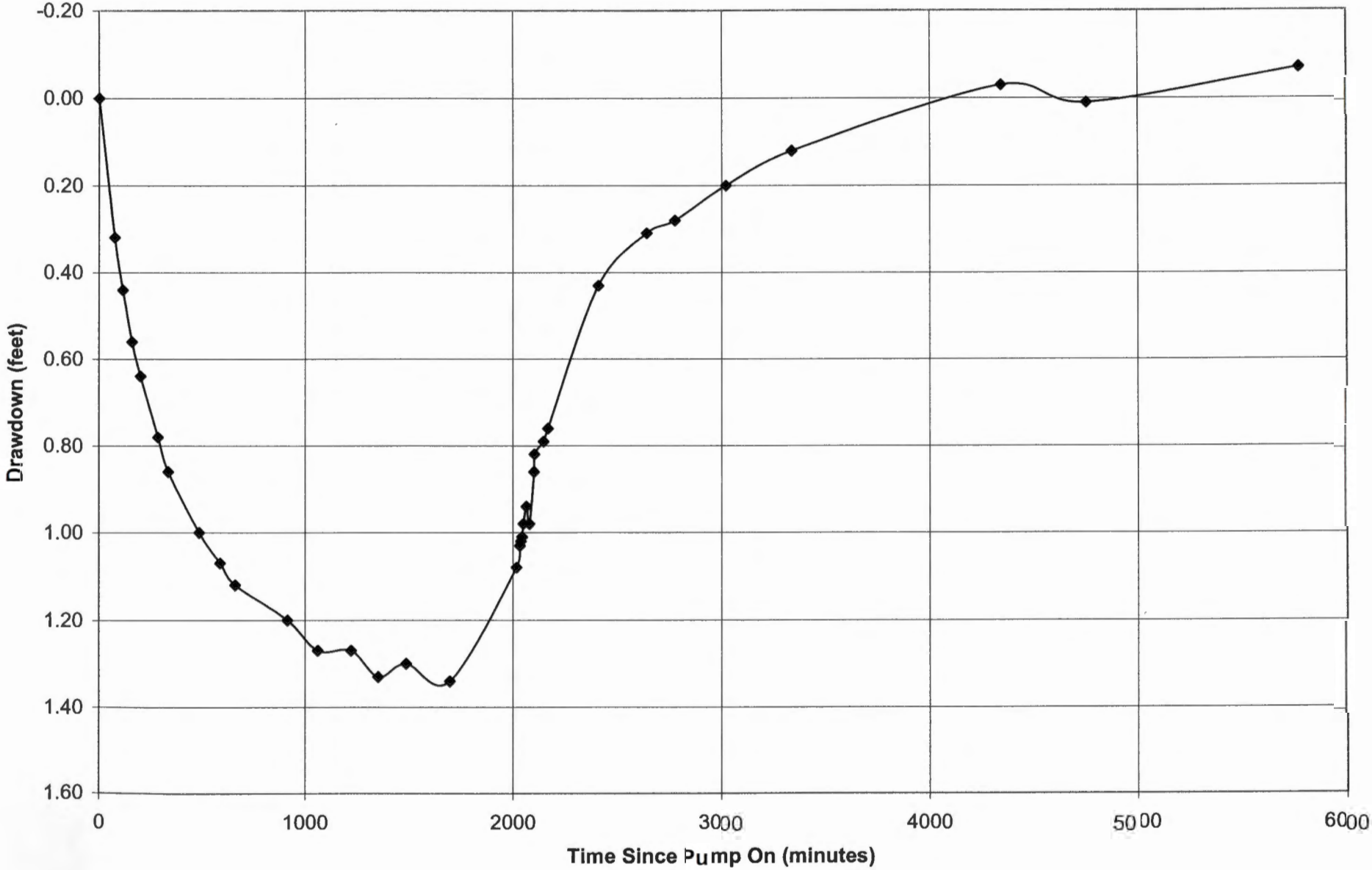
JOSE13046 Observation Well Data
Test Well #1 Upper Zone Aquifer Test
February 14-18, 2001



c:\sucker\tw1_test2.xls

FIGURE 14

Wargin (JOSE53718) Observation Well Raw Data
Test Well #1 Upper Zone Aquifer Test
February 14-18, 2001



Time Since Pump On (Minutes)	Test Well #1 Drawdown (feet bmp)	Test Well #1 Depth to Water (feet bmp)	Time since pump Off (minutes;assume pump off 2/15/01 19:30)	Test Well #1 Residual Drawdown (feet bmp)	Test Well #1 DTW (ft bmp)
1.3	34.74	59.25	121	5.29	29.80
2.0	43.09	67.60	124	4.32	28.83
2.5	46.92	71.43	126	3.99	28.50
3.0	49.23	73.74	128	3.78	28.29
3.5	51.69	76.20	130	3.59	28.10
4.0	53.41	77.92	135	3.30	27.81
4.5	55.41	79.92	140	3.10	27.61
5.0	55.80	80.31	145	2.94	27.45
5.5	56.64	81.15	150	2.82	27.33
6.0	57.46	81.97	160	2.59	27.10
7.0	59.42	83.93	170	2.45	26.96
8.0	60.95	85.46	180	2.29	26.80
9.0	62.19	86.70	195	2.12	26.63
10.0	63.33	87.84	226	1.84	26.35
11.0	63.37	87.88	250	1.67	26.18
12.0	64.59	89.10	273	1.57	26.08
15.3	65.81	90.32	512	0.82	25.33
16.0	66.07	90.58	740	0.54	25.05
17.0	66.49	91.00	860	0.45	24.96
19.0	67.15	91.66	1135	0.29	24.80
22.0	68.09	92.60	1438	0.17	24.68
24.0	68.54	93.05	2445	-0.08	24.43
26.5	69.03	93.54	2880	-0.03	24.48
28.0	69.32	93.83	3900	-0.13	24.38
30.0	69.67	94.18			
35.0	70.29	94.80	Generator failure;	assume at 19:30	
40.0	70.74	95.25			
50.0	71.30	95.81			
60.0	71.59	96.10			
75.0	72.06	96.57			
90.0	72.26	96.77			
105.0	72.47	96.98			
120.0	72.81	97.32			
150.0	73.29	97.80			
180.0	73.38	97.89			
240.0	73.44	97.95			
275.0	75.49	100.00			
300.0	75.65	100.16			
325.0	75.89	100.40			
475.0	77.69	102.20			
510.0	77.88	102.39			
575.0	78.00	102.51			
642.0	78.24	102.75			
907.0	77.98	102.49			
1050.0	77.89	102.40			
1205.0	77.83	102.34			
1290.0	77.46	101.97			
1358.0	77.02	101.53			
1475.0	76.49	101.00			
1490.0	77.29	101.80			
1700.0	77.46	101.97			

Time Since Pump On (Minutes)	Test Well #1 Drawdown (feet bmp)	Test Well #1 Depth to Water (feet bmp)	Time since pump Off (minutes;assume pump off 2/15/01 19:30)	Test Well #1 Residual Drawdown (feet bmp)	Test Well #1 DTW (ft bmp)
2011.0	5.29	29.80			
2014.0	4.32	28.83			
2016.0	3.99	28.50			
2018.0	3.78	28.29			
2020.0	3.59	28.10			
2025.0	3.30	27.81			
2030.0	3.10	27.61			
2035.0	2.94	27.45			
2040.0	2.82	27.33			
2050.0	2.59	27.10			
2060.0	2.45	26.96			
2070.0	2.29	26.80			
2085.0	2.12	26.63			
2116.0	1.84	26.35			
2140.0	1.67	26.18			
2163.0	1.57	26.08			
2402.0	0.82	25.33			
2630.0	0.54	25.05			
2750.0	0.45	24.96			
3025.0	0.29	24.80			
3328.0	0.17	24.68			
4335.0	-0.08	24.43			
4770.0	-0.03	24.48			
5790.0	-0.13	24.38			

Time/Date	Wargin (JOSE53718) DTW ft btoc	Time Since Pump On (minutes)	Wargin (JOSE53718) Drawdown (ft btoc)
2/14/01 11:58	19.10	1	0.00
2/14/01 13:16	19.42	76	0.32
2/14/01 13:55	19.54	115	0.44
2/14/01 14:39	19.66	159	0.56
2/14/01 15:20	19.74	200	0.64
2/14/01 16:45	19.88	285	0.78
2/14/01 17:35	19.96	335	0.86
2/14/01 20:05	20.10	485	1.00
2/14/01 21:47	20.17	587	1.07
2/14/01 23:00	20.22	660	1.12
2/15/01 3:15	20.30	915	1.20
2/15/01 5:40	20.37	1060	1.27
2/15/01 8:20	20.37	1220	1.27
2/15/01 10:30	20.43	1350	1.33
2/15/01 12:45	20.40	1485	1.30
2/15/01 16:15	20.44	1695	1.34
2/15/01 21:37	20.18	2017	1.08
2/15/01 21:53	20.13	2033	1.03
2/15/01 21:58	20.12	2038	1.02
2/15/01 22:04	20.11	2044	1.01
2/15/01 22:10	20.08	2050	0.98
2/15/01 22:25	20.04	2065	0.94
2/15/01 22:40	20.08	2080	0.98
2/15/01 23:02	19.96	2102	0.86
2/15/01 23:04	19.92	2104	0.82
2/15/01 23:48	19.89	2148	0.79
2/16/01 0:09	19.86	2169	0.76
2/16/01 4:09	19.53	2409	0.43
2/16/01 8:00	19.41	2640	0.31
2/16/01 10:15	19.38	2775	0.28
2/16/01 14:20	19.30	3020	0.20
2/16/01 19:37	19.22	3337	0.12
2/17/01 12:25	19.07	4345	-0.03
2/17/01 19:15	19.11	4755	0.01
2/18/01 12:15	19.03	5775	-0.07

Time/Date	Karen (JOSE13046) DTW ft btoc	Time Since Pump On (minutes)	Karen (JOSE13046) Drawdown (feet)
2/14/01 11:55	21.02	0.1	0.00
2/14/01 13:09	21.48	69	0.46
2/14/01 13:50	21.69	110	0.67
2/14/01 14:36	21.80	156	0.78
2/14/01 15:17	21.91	197	0.89
2/14/01 16:43	22.08	283	1.06
2/14/01 17:30	22.14	330	1.12
2/14/01 20:05	22.31	485	1.29
2/14/01 21:45	22.38	585	1.36
2/14/01 22:55	22.42	655	1.40
2/15/01 3:15	22.49	915	1.47
2/15/01 5:35	22.52	1055	1.50
2/15/01 8:20	22.55	1220	1.53
2/15/01 10:30	22.57	1350	1.55
2/15/01 12:45	22.56	1485	1.54
2/15/01 16:10	22.60	1690	1.58
2/15/01 21:34	22.13	2014	1.11
2/15/01 21:49	22.04	2029	1.02
2/15/01 21:55	22.00	2035	0.98
2/15/01 22:01	21.97	2041	0.95
2/15/01 22:07	21.95	2047	0.93
2/15/01 22:23	21.88	2063	0.86
2/15/01 22:38	21.85	2078	0.83
2/15/01 23:00	21.78	2100	0.76
2/15/01 23:20	21.73	2120	0.71
2/15/01 23:45	21.67	2145	0.65
2/16/01 0:06	21.61	2166	0.59
2/16/01 4:05	21.32	2405	0.30
2/16/01 7:55	21.18	2635	0.16
2/16/01 10:10	21.14	2770	0.12
2/16/01 14:15	21.09	3015	0.07
2/16/01 19:36	21.05	3336	0.03
2/17/01 12:20	21.07	4340	0.05
2/17/01 19:20	20.98	4760	-0.04
2/18/01 12:20	20.91	5780	-0.11

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WATER RESOURCES DEPT.
SALEM, OREGON

Jose 13016 — 40s/8W-1ba

STATE OF OREGON

WATER WELL REPORT

(as required by ORS 537.765)

1682

Well Number:

(1) OWNER:

Name MR. & MRS. DAVID SILKWOOD

Address 4195 HOLLAND LOOP RD.

City CAVE JUNCTION State OR. Zip 97523

(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 53 ft.

Explosives used Yes ☐ No ☒ Type Amount

HOLE Diameter	From	To	SEAL Material	From	To	Amount sacks or pounds
10"	0	25	CEMENT GROUT	0	25	7 SACKS
6"	25	60				

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:	6"	+1	53'	.250	☒	☐	☒	☐
					☐	☐	☐	☐
					☐	☐	☐	☐
Liner:					☐	☐	☐	☐
					☐	☐	☐	☐

Final location of shoe(s) 53'

(7) PERFORATIONS/SCREENS:

☒ Perforations Method TORCH

☐ Screens Type Material

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
33'	53'	3/16x6	60			☒	☐
						☐	☐
						☐	☐
						☐	☐
						☐	☐

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

☐ Pump ☐ Bailer ☒ Air ☐ Flowing Artesian

Yield gal/min	Drawdown	Drill stem at	Time
25		53	1 hr.

Temperature of water 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 JOSEPHINE Latitude ' " Longitude ' "

Township 40 N or (S) Range 8 E or (W) WM.

Section 1 NE ¼ NW ¼

Tax Lot 700 Lot Block Subdivision

Street Address of Well (or nearest address)

SAME

(10) STATIC WATER LEVEL:

24 ft. below land surface. Date 10/25/87

Artesian pressure lb. per square inch. Date

(11) WATER BEARING ZONES:

Depth at which water was first found 27'

From	To	Estimated Flow Rate	SWL
27'	60'	25	24'

(12) WELL LOG:

Ground elevation

Material	From	To	SWL
BROWN CLAY	0	27	
MEDIUM GRAVEL W/COARSE SAND & LARGE GRAVEL	27	60	24

RECEIVED NOV 25 1987 WRD DIST. 16 GRANTS PASS, ORE.

Date started 10/23/87 Completed 10/25/87

(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.

WWC Number

Signed Date

(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.

WWC Number 700

Signed Kelly Houser Date 11/21/87

WHITE COPIES - WATER RESOURCES DEPARTMENT YELLOW COPY - CONSTRUCTOR PINK COPY - CUSTOMER 9809C 10/86

RECEIVED JOSE 53718

DEC 2 6 2000

WATER RESOURCES DEPT.
SALEM, OREGON

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.

WELL I.D. # L L45122
START CARD # 136944

(1) LAND OWNER
Name PATSY WArgin Well Number 136944
Address 4295 Holland Loop
City Cave Junction State Or Zip 97523

(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 80 ft.
Explosives used ☐ Yes ☑ No Type Amount

HOLE Diameter	From	To	Material	SEAL From	To	Sacks or pounds
10"	0	25	Bentonite	0	25	20
6"	25	80				

How was seal placed: Method ☐ A ☐ B ☐ C ☐ D ☐ E
☑ Other Bentonite Powered
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:	6"	+1	60	.250	☑	☐	☑	☐
					☐	☐	☐	☐
					☐	☐	☐	☐
					☐	☐	☐	☐
Liner:					☐	☐	☐	☐
					☐	☐	☐	☐

Drive Shoe used ☐ Inside ☐ Outside ☐ None
Final location of shoe(s) 60

(7) PERFORATIONS/SCREENS:
☑ Perforations Method TORCH
☐ Screens Type Material

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
40	60	3/16x6	60			☑	☐
						☐	☐
						☐	☐
						☐	☐

(8) WELL TESTS: Minimum testing time is 1 hour
☐ Pump ☐ Bailer ☑ Air ☐ Flowing Artesian

Yield gal/min	Drawdown	Drill stem at	Time
50 +		60	1 hr.

Temperature of water 53° 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 Josephine Latitude Longitude
Township 40 N or (S) Range 8 E or (W) WM.
Section 1 NE 1/4 NW 1/4
Tax Lot 802 Lot Block Subdivision
Street Address of Well (or nearest address) 4295 Holland Loop
Cave Junction Or

(10) STATIC WATER LEVEL:
19 ft. below land surface. Date 11-30-00
Artesian pressure lb. per square inch Date

(11) WATER BEARING ZONES:
Depth at which water was first found 50

From	To	Estimated Flow Rate	SWL
50	75	50 +	19

(12) WELL LOG:
Ground Elevation

Material	From	To	SWL
Brown clay	0	10	
Brown clay / fine & med gravel	10	42	
Lt Brown clay / med gravel	42	50	
dk Brown clay / fine + med gravel + sand	50	75	
Brown clay / fine gravel	75	80	

Date started 11-28-00 Completed 11-28-00

(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
Signed Date

(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 1504
Signed Charlie Gill Date 12-21-00

ORIGINAL – WATER RESOURCES DEPARTMENT FIRST COPY – CONSTRUCTOR SECOND COPY – CUSTOMER

Court—A-442—500—2-26.

STATE OF OREGON

COUNTY OF JOSEPHINE

CERTIFICATE OF WATER RIGHT

This is to Certify, *That* H. B. REED (Successor in interest to Samael Miller & Hattie Miller) *of* Kerby, *State of* Oregon *has a right to the use of the waters of* Sucker 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 Josephine *County, and the said decree entered of record at Salem, in the Order Record of the STATE ENGINEER, in Volumes* 1 & 5 *, at pages* 253 & 398 *; that the priority of the right thereby confirmed dates from* 1872 for Tract #1; 1908 for Tract #2;

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 2 cubic feet per second for Tract #1; 0.19 cubic foot per second for Tract #2; and that the use of water for irrigation purposes shall be confined to the season April 1 to October 31 of each year;

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:

Tract #1: 22 acres in the NE¼NW¼, 27 acres in the NW¼NW¼, Section 1, T. 40 S. R. 8 W. W. M., 25 acres in the SW¼SW¼, 26 acres in the SE¼SW¼, Section 36, T. 39 S. R. 8 W. W. M., being a total of 100 acres. (NOTE: This right is supplemented by water from Gravelly Slough under date of 1903, and from springs in SE¼ of Sec.36, T.39 S.R. 8 W.W.M., under date of 1878.)

Tract #2: 2 acres in the SW¼SE¼, Section 36, T. 39 S. R. 8 W. W. M.; 12 acres in the NE¼NW¼ and 1.5 acres in the NW¼NW¼, Section 1, T. 40 S. R. 8 W. W. M., being a total of 15.5 acres. (NOTE: This right is supplemented by water from Gravelly Slough under date of 1908.)

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 1st *day of* April *, 192* 7.

REA LUPER
State Engineer.

Recorded in State Record of Water Right Certificates, Volume 7 *, page* 7148 .

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WATER RESOURCES DEPT.
SALEM, OREGON

JOSE 53826

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.

WELL I.D. # L 41845
START CARD # 123435

(1) LAND OWNER Well Number _____
Name I.V. Soil & Water Conservation
Address P.O. Box 352
City Cave Junction State OR Zip 97523

(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 220 ft.
Explosives used ☐ Yes ☒ No Type _____ Amount _____

HOLE Diameter	From	To	SEAL Material	From	To	Sacks or pounds
12	0	18	Bent	0	18	12 sacks
8	18	600				

How was seal placed: Method ☐ A ☐ B ☐ C ☐ D ☐ E
☒ Other Poured
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:	8	+2	526	.250	☒	☐	☒	☐
					☐	☐	☐	☐
					☐	☐	☐	☐
					☐	☐	☐	☐
Liner:					☐	☐	☐	☐
					☐	☐	☐	☐

Drive Shoe used ☐ Inside ☒ Outside ☐ None
Final location of shoe(s) 526'

(7) PERFORATIONS/SCREENS:
☒ Perforations Method Air=A,Blasting=B
☐ Screens Type _____ Material _____

	From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
A)	100	218	¼x1	3736	8"		☒	☐
B)	230	250	45cal	125	8"		☒	☐
B)	350	370	45cal	125	8"		☒	☐
							☐	☐

(8) WELL TESTS: Minimum testing time is 1 hour
☐ Pump ☐ Bailer ☒ Air ☐ Flowing Artesian

Yield gal/min	Drawdown	Drill stem at	Time
170		150	1 hr.

Temperature of water 55 Depth Artesian Flow Found _____
Was a water analysis done? ☒ Yes By whom WRD
Did any strata contain water not suitable for intended use? ☐ Too little
☒ Salty ☐ Muddy ☐ Odor ☐ Colored ☐ Other _____
Depth of strata: 578'

(9) LOCATION OF WELL by legal description:
County Joseph. Latitude _____ Longitude _____
Township 40 N or S Range 08 E or W. WM.
Section 01 NE 1/4 NW 1/4
Tax Lot 802 Lot _____ Block _____ Subdivision _____
Street Address of Well (or nearest address) _____
4295 Holland Loop Rd

(10) STATIC WATER LEVEL:
21 ft. below land surface. Date 2-12-01
Artesian pressure _____ lb. per square inch Date _____

(11) WATER BEARING ZONES:
Depth at which water was first found 19'

From	To	Estimated Flow Rate	SWL
19	150	150	21
298	350	150	2.5
578	587	150+	4

(12) WELL LOG:
Ground Elevation _____

Material	From	To	SWL
Brown clay,fine sand,uncons.	0	12	
Lt Brn clay,fn sand med-lrg gravel,un.	12	28	
Brn clay,fn sand, med-lrg gravel,un.	28	34	
Gry gravel,fn sand	34	56	
Brn clay,coarse sand,med-lrg grvl	56	182	
Blue grvl,fn sand	182	195	
Brn sand,med grvl	195	214	
Blue grvl,fn sand	214	240	
Blue clay,fn sand	240	298	
Blue-grn grvl,fn sand	298	327	
Brn sand,med grvl	327	350	
Grn silt,sm grvl	350	485	
Blue grvl,cemented grvl	485	525	

Date started 10-16-00 Completed 2-12-01

(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 Steven Carter WWC Number 1659 Date 3/9/01

(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 Robert E. Gunn WWC Number 675 Date 3/9/01

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WATER RESOURCES DEPT.
SALEM, OREGON

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.

2 of 4

WELL I.D. # L 41845
START CARD # 123435

(1) LAND OWNER Well Number _____
Name I.v. soil & Water
Address P.O. Box 352
City Cave Junction State OR Zip 97523

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

HOLE Diameter	From	To	SEAL Material	From	To	Sacks or pounds

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:					☐	☐	☐	☐
					☐	☐	☐	☐
					☐	☐	☐	☐
					☐	☐	☐	☐
Liner:					☐	☐	☐	☐
					☐	☐	☐	☐

Drive Shoe used ☐ Inside ☐ Outside ☐ None
Final location of shoe(s) _____

(7) PERFORATIONS/SCREENS:
☐ Perforations Method _____
☐ Screens Type _____ Material _____

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

(8) WELL TESTS: Minimum testing time is 1 hour
☐ Pump ☐ Bailer ☐ Air ☐ Flowing Artesian

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

Temperature of water _____ 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 Joseph. Latitude _____ Longitude _____
Township 40 N or S Range 08 E or W. WM.
Section 01 NE 1/4 NW 1/4
Tax Lot 802 Lot _____ Block _____ Subdivision _____
Street Address of Well (or nearest address) _____
4295 Holland Loop Road

(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 _____

From	To	Estimated Flow Rate	SWL

(12) WELL LOG:
Ground Elevation _____

Material	From	To	SWL
Green silt,uncon.	525	578	
Blue grvl,coarse sand,uncons.	578	587	4
Blue silt, uncons.	587	600	4

Date started _____ Completed _____

(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 _____
Signed Steven Carty Date _____

(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 _____
Signed Robert E. Quinn Date _____

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STATE OF OREGON MAR 2 7 2001

WATER SUPPLY WELL REPORT

(as required by ORS 537 WATER RESOURCES DEPT. SALEM, OREGON

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

WELL I.D. # L 41845

START CARD # 123435

(1) LAND OWNER Well Number

Name I.V. Soil & Water Conservation

Address P.O. Box 352

City Cave Junction State OR Zip 97523

(2) TYPE OF WORK

☐ New Well ☐ Deepening ☒ Alteration (repair/recondition) ☐ Abandonment

(3) DRILL METHOD:

XX Rotary Air ☐ Rotary Mud ☐ Cable ☐ Auger

☐ Other

(4) PROPOSED USE:

☐ Domestic ☐ Community ☐ Industrial XX Irrigation

☐ Thermal ☐ Injection ☐ Livestock ☐ Other

(5) BORE HOLE CONSTRUCTION:

Special Construction approval ☒ Yes ☐ No Depth of Completed Well 130 ft.

Explosives used ☒ Yes ☐ No Type 45 cal Amount 250 shots

HOLE Diameter	From	To	SEAL Material	From	To	Sacks or pounds
8	18	600	Cement	600	130	6 yards

How was seal placed: Method ☐ A ☐ B XX 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:	8	+2	526	.250	X	☐	XX	☐
					☐	☐	☐	☐
					☐	☐	☐	☐
					☐	☐	☐	☐
Liner:					☐	☐	☐	☐
					☐	☐	☐	☐

Drive Shoe used ☐ Inside ☒ Outside ☐ None

Final location of shoe(s) 526'

(7) PERFORATIONS/SCREENS:

☒ Perforations Method Gun

☐ Screens Type Material

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
230	250	45cal	125	8"		XX	☐
350	370	45cal	125	8"		XX	☐
						☐	☐
						☐	☐

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

☐ Pump ☐ Bailer ☐ Air ☐ Flowing Artesian

Yield gal/min	Drawdown	Drill stem at	Time
N/A			1 hr.

Temperature of water N/A 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 Joseph. Latitude Longitude

Township 40 N or S Range 08 E or W. WM.

Section 01 NE 1/4 NW 1/4

Tax Lot 802 Lot Block Subdivision

Street Address of Well (or nearest address)

4295 Holland Loop Rd

(10) STATIC WATER LEVEL:

N/A ft. below land surface. Date

Artesian pressure lb. per square inch Date

(11) WATER BEARING ZONES:

Depth at which water was first found N/A

From	To	Estimated Flow Rate	SWL

(12) WELL LOG:

Ground Elevation

Material	From	To	SWL
Casing broke	220	221	
Used a gun perforator then we pumped cement from 600' to 130', put a drillable plug at 130' & pushed down with 30,000 psi forcing cement thru perforations.			

Date started 1-16-01 Completed 1-19-01

(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 Steven Gartes WWC Number 1659 Date 3/9/01

(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 Robert E. Quinn WWC Number 675 Date 3/9/01

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WATER RESOURCES DEPT
SALEM, OREGON

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

WELL I.D. # L 41845
START CARD # 123435

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

(1) LAND OWNER Well Number
Name I.V. Soil & Water Conservation
Address P.O. Box 352
City Cave Junction State OR Zip 97523

(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 220 ft.
Explosives used ☐ Yes ☒ No Type Amount

HOLE Diameter	From	To	SEAL Material	From	To	Sacks or pounds
6	0	220				N/A

How was seal placed: Method ☐ A ☐ B ☐ C ☐ D ☐ E
☐ Other N/A
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:	N/A				☐	☐	☐	☐
					☐	☐	☐	☐
					☐	☐	☐	☐
					☐	☐	☐	☐
Liner:					☐	☐	☐	☐
					☐	☐	☐	☐

Drive Shoe used ☐ Inside ☐ Outside ☐ None
Final location of shoe(s) N/A

(7) PERFORATIONS/SCREENS:
☒ Perforations Method Air perforator
☐ Screens Type Material

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
100	218	¼x1	3736	8"		☒	☐
						☐	☐
						☐	☐
						☐	☐

(8) WELL TESTS: Minimum testing time is 1 hour
☐ Pump ☐ Bailer ☒ Air ☐ Flowing Artesian

Yield gal/min	Drawdown	Drill stem at	Time
170		150	1 hr.
120		95	

Temperature of water 55 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 Joseph. Latitude Longitude
Township 40 N or S Range 08 E or W. WM.
Section 01 NE 1/4 NW 1/4
Tax Lot 802 Lot Block Subdivision
Street Address of Well (or nearest address)
4295 Holland Loop Rd

(10) STATIC WATER LEVEL:
N/A ft. below land surface. Date 1/25/01
Artesian pressure lb. per square inch Date

(11) WATER BEARING ZONES:
Depth at which water was first found N/A 100

From	To	Estimated Flow Rate	SWL
100	150	138	25
150	218	32	25

(12) WELL LOG:
Ground Elevation

Material	From	To	SWL
Drilled out cement			
from 130' to 220'			
Perforated from 150'			
to 218', only got			
32 GPM			
Then we perforated			
from 100' to 150' &			
picked up an additional			
138 GPM			

Date started 1-25-01 Completed 2-12-01

(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 Steven Latta WWC Number 1659 Date 3/9/01

(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 Robert E. Quinn WWC Number 675 Date 3/9/01

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CH2M HILL

PROJECT NUMBER	BORING NUMBER	SHEET	OF
ILL. VALLEY STUDY	TEST WELL #1	1	14

JOB# 53826

SOIL BORING LOG

PROJECT _____ LOCATION PATSY WAREW PROPERTY

ELEVATION _____ DRILLING CONTRACTOR QUINN'S WELL DRILLING, INC.

DRILLING METHOD AND EQUIPMENT AIR ROTARY

WATER LEVELS _____ START 10-16-00 FINISH _____ LOGGER GALL

DEPTH BELOW SURFACE (FT)	SAMPLE: INTERVAL	SAMPLE: NUMBER AND TYPE	SAMPLE: RECOVERY (FT)	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY	COMMENTS: DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS, TESTS AND INSTRUMENTATION
					TOP SOIL	STEEL CASING 8.5" O.D. 8.0" I.D.
					3FT - ENCOUNTER GRAVEL	1220 PSI A53-98 GR-A #3005323 WELLLIFE 8.625 ODX .250 x 20'
5					SAND w/SILT AND GRAVEL, DK. YELL. BRN 10YR 4/2, POORLY-SORTED, DRY, MODERATELY CONSOLIDATED	
10						
15					14'-15': SAND w/GRAV. & SILT, POORLY SORTED, DK. YELL BRN 10YR 4/2, GRAVEL MOD. ROUNDED TO ANGULAR, DAMP	
20					SILT/SAND w/GRAVEL, POORLY-SORTED DK YELL. ORANGE 10YR 6/6, POORLY CONSOLIDATED	EASIER DRILLING, LIKELY WATER TABLE
25						
30						

CH2M HILL

PROJECT NUMBER	BORING NUMBER	
ILL. VALLEY STUDY	TEST WELL #1	SHEET 2 OF

SOIL BORING LOG

PROJECT _____ LOCATION PATSY WARGIN PROPERTY

ELEVATION _____ DRILLING CONTRACTOR QUINN'S

DRILLING METHOD AND EQUIPMENT _____

WATER LEVELS _____ START 10-16-2000 FINISH _____ LOGGER GALL

DEPTH BELOW SURFACE (FT)	SAMPLE: INTERVAL	SAMPLE: NUMBER AND TYPE	SAMPLE: RECOVERY (FT)	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY	COMMENTS: DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS, TESTS AND INSTRUMENTATION
30						
35					AS ABOVE, MORE GRAVEL, COLOR CHANGE TO MOD. YELL. BROWN 10YR 5/4, POORLY CONSOLIDATED PEBBLES UP TO ≈ 2-INCH, MOD. WELL ROUNDED TO SUBANGULAR	EASY DRILLING DTW= 55.6 - 40 - 1.8 = 14.8 FT BGS 10:25
40						
45					SILT W/ GRAVEL, DUSKY YELL. GRN 5GY 5/2, POORLY SORTED, SOFT, COLOR VARYING TO BRN. GRAY	SOME WATER
50						
55					LESS GRAVEL COARSENING DOWN, INCREASING YIELD, SILT CHANGING FROM GRAYISH BLUE TO BROWNISH RED W/ MUCH GRAVEL	EASY DRILLING, LOTS OF WATER (CASING HOLE CLEANED OUT)
60						

REV 11/89 FORM D1586

CH2M HILL

PROJECT NUMBER	BORING NUMBER TESTWELL #1	SHEET 3	OF

SOIL BORING LOG

PROJECT _____ LOCATION PATSY WARGW PROPERTY

ELEVATION _____ DRILLING CONTRACTOR QUINN'S

DRILLING METHOD AND EQUIPMENT AIR ROTARY 8-INCH TRI CONE W/8" STEEL CASING

WATER LEVELS _____ START 10-16-00 FINISH _____ LOGGER GALL

DEPTH BELOW SURFACE (FT)	SAMPLE: INTERVAL	SAMPLE: NUMBER AND TYPE	SAMPLE: RECOVERY (FT)	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY	COMMENTS: DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS, TESTS AND INSTRUMENTATION
60						
					SAND W/GRAVEL, <10% SILT, GRAVEL TO 2-INCH PLUS, MOD. WELL ROUNDED, POORLY-SORTED	SILT RED-BROWN COLORED
65						
70						≈100 GPM DTW ≈ 20 FT BGS, SLOW RECOVERY @ 13:30
75					Gravel w/ SILT (unknown %), Little water	@ CASING TO 78, DRILL TO 80 FT, V. LITTLE H_2O (10 GPM)
80						
85					GRAVEL, MOD. WELL ROUNDED, SOME SILT & SAND, REDDISH BRN	← Water, 4 INCH COBBLES
90						

REV 11/89 FORM D1586

CH2M HILL

PROJECT NUMBER	BORING NUMBER	SHEET 4 OF
ILL. VALLEY STUDY		

SOIL BORING LOG

PROJECT _____ LOCATION PATSY WARGIN PROPERTY

ELEVATION _____ DRILLING CONTRACTOR QUINN'S

DRILLING METHOD AND EQUIPMENT AIR ROTARY

WATER LEVELS _____ START 10-16-00 FINISH _____ LOGGER GALL

DEPTH BELOW SURFACE (FT)	SAMPLE: INTERVAL	SAMPLE: NUMBER AND TYPE	SAMPLE: RECOVERY (FT)	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY	COMMENTS: DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS, TESTS AND INSTRUMENTATION
90					AS ABOVE, GRAVEL SLIGHTLY SMALLER	
95						
100					GRAVEL W/SAND, NO COBBLES	
						OPEN 78-105 FT ≈ 60 GPM
105						
110						
						HOLE OPEN 78-115 FT ≈ 75 GPM
115				- - - -	GRAVEL W/SAND, AS ABOVE, SILTY WATER (UNKNOWN %), GRAVEL SUB-ANGULAR TO MOD. WELL ROUNDED	DRILLED TO 115 FT BGS 10/16/00
						Casing (40') Added to 120' - 2' Last 7' SLOW DRIVING - CLEAN out casing
120						

REV 11/89 FORM D1586

CH2M HILL

PROJECT NUMBER	BORING NUMBER TEST WELL #1 SHEET 5 OF 14

SOIL BORING LOG

PROJECT _____ LOCATION PATSY WARGIN PROPERTY

ELEVATION _____ DRILLING CONTRACTOR QUINN'S

DRILLING METHOD AND EQUIPMENT _____

WATER LEVELS _____ START 10/16/00 FINISH _____ LOGGER _____

DEPTH BELOW SURFACE (FT)	SAMPLE: INTERVAL	SAMPLE: NUMBER AND TYPE	SAMPLE: RECOVERY (FT)	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY	COMMENTS: DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS, TESTS AND INSTRUMENTATION
120						
125				*	Sand / gravel - 2" < Poorly sorted SAND & GRAVEL W/SILT, BROWNISH TAN, POORLY-SORTED, GRAVEL ROUND TO SUB ANGULAR, UP TO 2-INCHES, LOOSE	
130						
135				*	AS ABOVE More sand - smaller gravel (1" or <)	
140						
145					smaller gravel 1" or < with sand - poorly sorted	
150						

REV 11/89 FORM D1586

CH2M HILL

PROJECT NUMBER	BORING NUMBER TEST WELL #1	SHEET 6 OF

SOIL BORING LOG

PROJECT _____ LOCATION PATSY WARGIN PROPERTY

ELEVATION _____ DRILLING CONTRACTOR QUINN'S

DRILLING METHOD AND EQUIPMENT _____

WATER LEVELS _____ START 10/16/00 FINISH _____ LOGGER _____

DEPTH BELOW SURFACE (FT)	SAMPLE: INTERVAL	SAMPLE: NUMBER AND TYPE	SAMPLE: RECOVERY (FT)	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY	COMMENTS: DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS, TESTS AND INSTRUMENTATION
150				*	SAND W/GRAVEL, GRAY BROWN, POORLY SORTED, GRAVEL < 1 INCH, LOOSE Larger gravel mixed w/ Smaller & Sand	
					3½" - one rock / Sand/Gravel	120' CASING
155						
160						
				*	GRAVEL W/SAND & SILT, BROWN TAN, ROUNDED TO SUB-ANGULAR, POORLY SORTED, MORE SILT THAN SAMPLES FROM 125-130 FT, GRAVEL TO 1.5 INCHES	
165						
170						
175				*	SAND AND SILT W/GRAVEL, BROWN TAN, POORLY SORTED, GRAVEL TO 1 INCH, ROUND TO ANGULAR, LOOSE	
180						

Larger Gravel Silt

(8.30)

REV 11/89 FORM D1586

CH2M HILL

PROJECT NUMBER	BORING NUMBER TEST WELL #1	SHEET 7 OF

SOIL BORING LOG

PROJECT _____ LOCATION _____

ELEVATION _____ DRILLING CONTRACTOR _____

DRILLING METHOD AND EQUIPMENT _____

WATER LEVELS _____ START _____ FINISH _____ LOGGER _____

DEPTH BELOW SURFACE (FT)	SAMPLE: INTERVAL	SAMPLE: NUMBER AND TYPE	SAMPLE: RECOVERY (FT)	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY	COMMENTS: DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS, TESTS AND INSTRUMENTATION
180				*	SILT W/SAND & GRAVEL, ~~BLUE~~ BROWN TAN, POORLY SORTED, GRAVEL < 1 INCH, ROUNDED TO SUB-ANGULAR	
					Larger gravel / SILT (coffee + Cream color)	
185					CHANGE TO BLUE CLAY / SILT	
				*	GRAVEL W/SILT & CLAY, TAN GRAY, POORLY-SORTED, GRAVEL < 1 INCH, LOOSE, ROUND TO SUB-ANGULAR	
					Chg. to brown SILT	
190				*	AS ABV., SLIGHTLY COARSER	
195 ~~200~~						
				*	GRAVEL W/SAND, TAN GRAY, POORLY-SORTED, GRAVEL TO 1-INCH, ROUNDED TO SUB-ANGULAR, LOOSE	
~~200~~						
205				*	AS ABV., GRAVEL < 1 INCH	
210						

CH2M HILL

PROJECT NUMBER	BORING NUMBER TEST WELL #1	SHEET 8 OF

SOIL BORING LOG

PROJECT _____ LOCATION _____

ELEVATION _____ DRILLING CONTRACTOR _____

DRILLING METHOD AND EQUIPMENT _____

WATER LEVELS _____ START _____ FINISH _____ LOGGER _____

DEPTH BELOW SURFACE (FT)	SAMPLE: INTERVAL	SAMPLE: NUMBER AND TYPE	SAMPLE: RECOVERY (FT)	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY	COMMENTS: DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS, TESTS AND INSTRUMENTATION
210						
215	]			*	Heavy blue SILT/CLAY? AS ABOVE	
220						
225	]			*	GRAVEL W/SILT, GREEN GRAY, POORLY-SORTED, GRAVEL < 1/2 INCH, ANGULAR TO SUB-ROUNDED (CUTTINGS), LOOSE	
230			-	-?-	?- - ? — ? — SILT @ 230-240 PT BGS	? — ? — ?
235						
240						

PROJECT NUMBER	BORING NUMBER TEST WELL #1	SHEET 9	OF

SOIL BORING LOG

PROJECT _____ LOCATION _____

ELEVATION _____ DRILLING CONTRACTOR _____

DRILLING METHOD AND EQUIPMENT _____

WATER LEVELS _____ START _____ FINISH _____ LOGGER _____

DEPTH BELOW SURFACE (FT)	SAMPLE: INTERVAL	SAMPLE: NUMBER AND TYPE	SAMPLE: RECOVERY (FT)	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY	COMMENTS: DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS, TESTS AND INSTRUMENTATION
240				*	SILT, GREEN GRAY, LITTLE WATER YIELD, SOME CLAY	DRILLER ADDING WATER TO REMOVE CUTTINGS
250						
260						
270						
280				*	AS ABOVE	
290						
300				*	GRAVEL, GREEN GRAY, POORLY-SORTED, GRAVEL TO 2-3 INCHES, ROUND TO ANGULAR, 10-20% SAND, SOME COBBLES, LOOSE	GOOD WATER YIELD

REV 11/89 FORM D1586

CH2M HILL

PROJECT NUMBER	BORING NUMBER	SHEET 10 OF
ILL. VALLEY STUDY	TEST WELL #1	

SOIL BORING LOG

PROJECT _____ LOCATION PATSY WARGW PROPERTY

ELEVATION _____ DRILLING CONTRACTOR QUINN'S

DRILLING METHOD AND EQUIPMENT _____

WATER LEVELS _____ START 10-16-00 FINISH _____ LOGGER GALL

DEPTH BELOW SURFACE (FT)	SAMPLE: INTERVAL	SAMPLE: NUMBER AND TYPE	SAMPLE: RECOVERY (FT)	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY	COMMENTS: DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS, TESTS AND INSTRUMENTATION
300						
	]			*	SAND W/GRAVEL, DK GRNISH GRAY (5G 4/1), POORLY SORTED, GRAVEL TO 1 INCH, ROUNDED TO ANGULAR, UNK % FINES	GOOD YIELD
310						
	]			*	AS ABOVE, GRAVEL MORE ANGULAR, ~~10-15% GRAVEL, SAND IS FINE TO MED.-GRAINE~~	
320						NOTE: LOGGED CUTTINGS LIKELY INFLUENCED BY WASH ABV.
330						
	]			*	SAND W/GRAVEL, DK GRNISH GRAY (5G 4/1) 10-15% GRAVEL, SAND FINE TO MED. GRAINED	
340						
344					COLOR CHANGE IN FORMATION EASIER DRILLING	
350	]			*	AS ABOVE 351-358 - SILT - GRN. BLUE SOME GRAVEL AT 358-360 FT, THEN SILT	11-20-00 0940 DTW = 15.41 - 2.2 = 13.21 BGS DRILLER ADDING H2O
360						

REV 11/89 FORM D1586

CH2M HILL

PROJECT NUMBER	BORING NUMBER TEST WELL #1 SHEET 11 OF 14

SOIL BORING LOG

PROJECT _____ LOCATION PATSY WARGIN PROPERTY

ELEVATION _____ DRILLING CONTRACTOR QUINN'S

DRILLING METHOD AND EQUIPMENT _____

WATER LEVELS _____ START 10·16·00 FINISH _____ LOGGER GALL

DEPTH BELOW SURFACE (FT)	SAMPLE: INTERVAL	SAMPLE: NUMBER AND TYPE	SAMPLE: RECOVERY (FT)	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY	COMMENTS: DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS, TESTS AND INSTRUMENTATION
360					SILT TO 365, GRAYISH OLIVE GRN 5GY/3/2	
					365-367 GRAVEL	
					367-370 SILT	OPEN HOLE 348-375 FT BGS NO H2O RETURN EASY DRILLING
370					SILT TO 375	
380					SILT, AS ABOVE	
						SLT COLOR CHANGE ≈ 390 FT
390					SILT, DUSKY YELLOW GREEN 5GY 5/2	
400						OPEN HOLE 348-400 FT - NO WATER - DRILLER ADDING WATER EASY DRILLING
410					SILT, AS ABOVE	
420						

CH2M HILL

PROJECT NUMBER	BORING NUMBER TEST WELL #1 SHEET 12 OF

SOIL BORING LOG

PROJECT _____ LOCATION PATSY WARREN PROPERTY

ELEVATION _____ DRILLING CONTRACTOR _____

DRILLING METHOD AND EQUIPMENT _____

WATER LEVELS _____ START _____ FINISH _____ LOGGER GALL

DEPTH BELOW SURFACE (FT)	SAMPLE: INTERVAL	SAMPLE: NUMBER AND TYPE	SAMPLE: RECOVERY (FT)	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY	COMMENTS: DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS, TESTS AND INSTRUMENTATION
420						OPEN HOLE 348-425- NO WATER PRODUCTION- DRILLER ADDING WATER TO CLEAN HOLE-
					425: SILT, AS ABOVE	
430						
440						
					445- SILT, GRAYISH OLIVE 10Y 4/2	DRILLER ADDING H2O OPEN HOLE 348-445
450						
460						
470						
					SILT, AS ABOVE	DRILLER ADDING ~~WATER~~
480						

REV 11/89 FORM D1586

CH2M HILL

PROJECT NUMBER	BORING NUMBER TEST WELL #1 SHEET 13 OF

SOIL BORING LOG

PROJECT _____ LOCATION _____

ELEVATION _____ DRILLING CONTRACTOR _____

DRILLING METHOD AND EQUIPMENT _____

WATER LEVELS _____ START _____ FINISH _____ LOGGER GALL

DEPTH BELOW SURFACE (FT)	SAMPLE: INTERVAL	SAMPLE: NUMBER AND TYPE	SAMPLE: RECOVERY (FT)	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY	COMMENTS: DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS, TESTS AND INSTRUMENTATION
480						
					485 - PARTIALLY CEMENTED GRAVEL, GRAY SILT MATRIX - GRAVEL TO 2 INCHES, ANGULAR TO MOD. WELL ROUNDED, POORLY SORTED	HARD DRILLING, LOTS OF CHATTER NO WATER IN CEMENTED GRAVEL LOST CIRCULATION ≈ 485 FT WHEN CLEANING OUT HOLE
490						
						DRILL CHATTER TO 503 FT BGS
500					SILT, BLUISH GRN, ≈ 503 FT BGS	
510						
						LIKELY 523 FT
520						CHATTER AT 520-525 ~~MAKING 2-5 GPM~~
					SILT, ~~w/GRAVEL~~, LT. OLIVE GRAY 5Y 5/2, FEW % GRAVEL (WASH?)	DRILLING 11/27/00
530						
					SILT, DUSKY YELLOW GRN 5GY 5/2 SOME FINE-GRAINED SAND	533 FT CHATTER, SLOWER DRILLING, DRILLER ADDING H_2O
540						

REV 11/89 FORM D1586

CH2M HILL

PROJECT NUMBER	BORING NUMBER TEST WELL #1 SHEET 14 OF 14

SOIL BORING LOG

PROJECT _____ LOCATION PATSY WARGIN PROPERTY

ELEVATION _____ DRILLING CONTRACTOR _____

DRILLING METHOD AND EQUIPMENT _____

WATER LEVELS _____ START _____ FINISH _____ LOGGER GALL

DEPTH BELOW SURFACE (FT)	SAMPLE: INTERVAL	SAMPLE: NUMBER AND TYPE	SAMPLE: RECOVERY (FT)	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY	COMMENTS: DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS, TESTS AND INSTRUMENTATION
540					SILT, DUSKY YELLOW GRN 5GY 5/2 SOME FINE-GRAINED SAND	DRILLER ADDING H_2O 11/27/00
550					SILT, LT OLIVE GRAY TO DUSKY YELL. GRN.	NO CHATTER, DRILLER ADDING H_2O V. LITTLE CUTTINGS RETURN
560						
570						NO CHATTER, "SMOOTH" DRILLING, SLOWER DRILL RATE SUGGESTS SEMI-CONSOLIDATED, V. FEW CUTTINGS (OLIVE GRAY) TO 575 FT
580					GRAVEL, POORLY-SORTED MOD. WELL ROUNDED TO ANGULAR, with sand (med.-coarse-grained) gravel to 1.5 INCH	11-28-00 NO WATER IN CASING AFTER OVERNITE REST 100+ GPM WATER CONDUCTIVITY = 11.8 mS 14.7°C YSI METER ISSUED
590						COLLECT WATER SAMPLE IN CLEAN, PLASTIC 1 GAL. JUG
600						FINISH DRILLING TO 600 FT 11-28-00 10:10

REV 11/89 FORM D1586

APPENDIX A

Input Data:

Variable	Name	Minimum	"Best"	Maximum	Unit
Well Owner or Well Number	Well		Vahrenwald		
X Coord. for X-Section (Head Distribution)	x		0		[ft]
Perpendicular Distance From Well to Stream	a		1,500		[ft]
Net Steady Pumping Rate	Q		90		[gpm]
Hydraulic Conductivity	K	50	145	200	[gpd/ft*ft]
Aquifer Thickness	b	200	200	200	[ft]
Well Depth	d		200		[ft]
Storativity	S		0.00300		
Effective porosity	n		0.25000		
Hydr. Grad. Perpend. to Stream (must be > 0)	i	0.00100	0.00100	0.00100	
Time Since Pumping Started	time		10.00		[days]

Output Data:

General Output:						
Transmissivity	T	10,000	29,000	40,000	[gpd/ft]	= K*b
Hydraulic Conductivity	K	50	145	200	[gpd/ft*ft]	
		7	19	27	[ft/day]	
		2.34E-05	6.80E-05	9.38E-05	[m/s]	
Average linear velocity	ALV	0.03	0.08	0.11	[ft/day]	= K*i/n
		9.77	28.32	39.06	[ft/yr]	
Ambient Flux at River per Foot	dQ	0.0069	0.0201	0.0278	[gpm/ft]	= K*b*i
Transient Stream Depletion Output:						
k	SDTr_k	0.1262	0.0435	0.0316		= ((a^2*S)/(4Tt))*7.48
Transient Stream Depletion (Theis/Jenkins)	SDTr	62%	77%	80%		= erfc SQRT(a*a*S)/4Tt)
Transient Induced Infiltration (Theis/Jenkins)	IITr					
Steady-State Stream Depletion:						
Dimensionless Pumping Rate (ß >= 1 ==> velocity divide has reached stream)	Beta, ß	2.74	0.94	0.68		= Q/(K*b*i**a)
SQRT(Beta-1)		1.32	0.00	0.00		
Critical pumping rate	Qc	33	95	131	[gpm]	= K*b*i**a
Dist. fr Well to Velocity Divide at Steady State	rvd	1500	1144	657	[ft]	= a-(a*SQRT(1-ß))
Steady-State Stream Depletion (Wilson & Linderfelt)		100%	100%	100%		
Steady-State Induced Infiltration (Wilson & Linderfelt)		28%	0%	0%		= (2/)*{-SQRT(ß-1)/ß+ATAN[(

Memorandum

DATE: March 5, 2002

TO: Doug Woodcock

FROM: Ivan Gall

COPY: Al Cook/OWRD

RE: Jenkins Analyses of Vahrenwald and Wargin Ground Water Applications (G-15637 & G-15638)

I have completed a quick analysis using the Jenkins analytical spreadsheet of the aquifer data collected during an aquifer test for the above applications. A well-to-stream distance of 1,400 feet and an aquifer thickness of 200 feet was used. Given the "best" estimates of hydraulic conductivity (145 gpd/ft^2) and storativity (0.0006 to 0.003), the transient stream depletion percentages exceed 50% (see attached sheet) after 10 days of pumping. Even decreasing the hydraulic conductivity by 75% (from 145 to 36 gpd/ft^2), and using the high end of storativity (0.003), which would result in the most conservative (minimal) estimate of aquifer/stream interaction, the TSD estimate exceeds 50% after 10 days of pumping.

The above analysis suggests that the applicants should meet the requirements of a surface to ground water transfer for their Sucker Creek water right. However, the above analysis also indicates that the potential for substantial interference exists, so a new water right could not be issued without a mitigation plan. A source of mitigation for the potential Althouse Creek impact is unknown at this time.

Please call me if you have any questions.

JENKINS ANALYSES OF G-15638 & G-15637

GALL
03/05/2002

K = 145 gpd/ft² S = 0.01
Best K based on aq. test data
Transient Stream Depletion (TSD) @ 10 days = 62%

K = 145 & S = 0.02
TSD = 48% @ 10 days

K = 145 S = 0.03
TSD = 38% @ 10 days

Increase K 25% to 181 gpd/ft²

S = 0.01	TSD = 65% @ 10 days
S = 0.02	= 52% " "
S = 0.03	= 44% " "

Decrease K 25% to 109 gpd/ft²

S = 0.01	TSD = 56% @ 10 days
S = 0.02	= 41% " "
S = 0.03	= 32% " "

Best storativity based on aq. test data: S = 0.0006 up to 0.003

K = 145 gpd/ft²	S = 0.003	TSD = 78% @ 10 days
K = 145	S = 0.001	TSD = 87% @ 10 days
K = 145	S = 0.0006	TSD = 90% @ 10 days

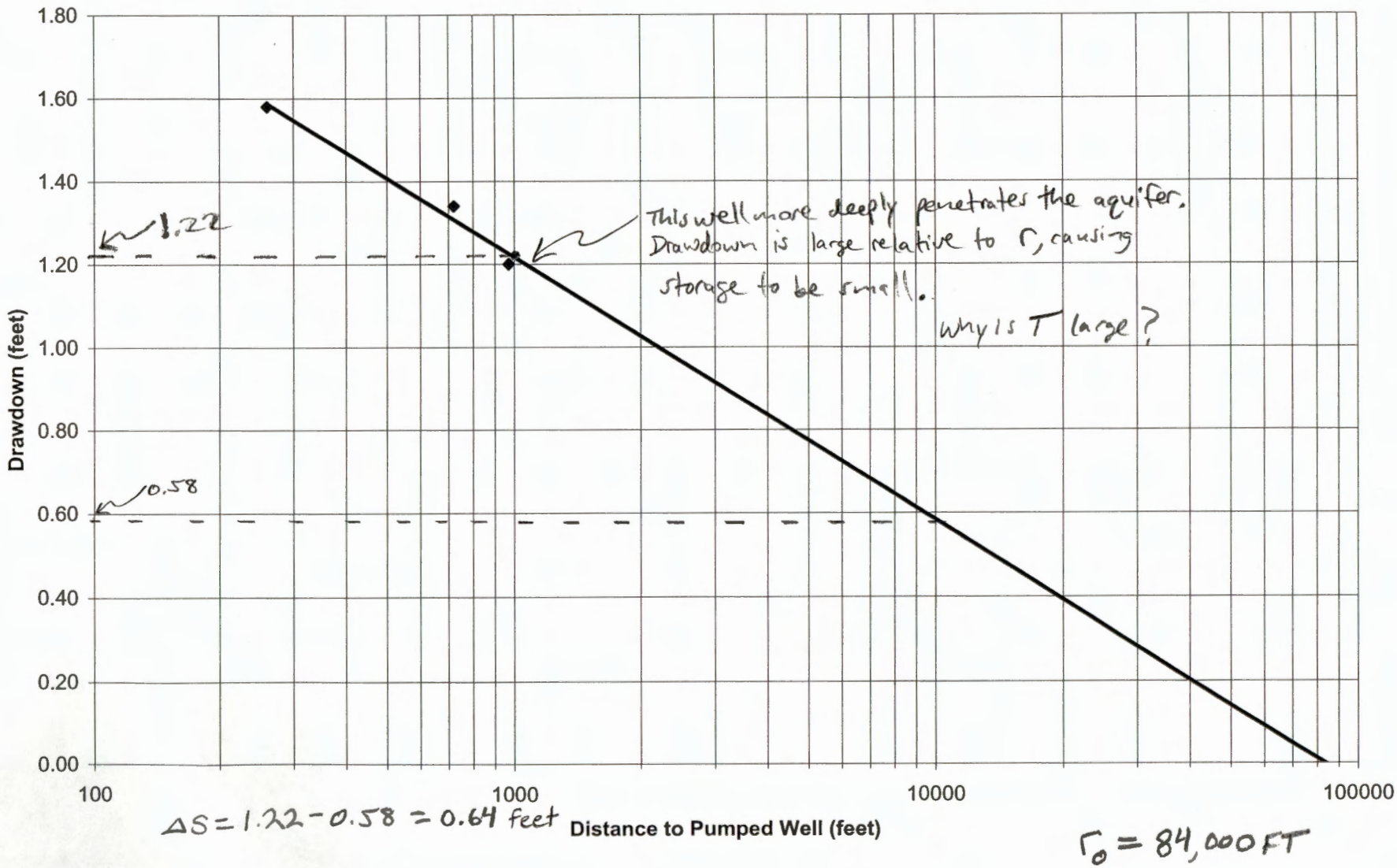
Decrease K 25% to 109 gpd/ft²	S = 0.003	TSD = 75% @ 10 days
Decrease K 50% to 73 gpd/ft²	S = 0.003	TSD = 70% @ 10 days
Decrease K 75% to 36 gpd/ft²	S = 0.003	TSD = 58% @ 10 days

Test Well #1 (JOSE 53826) Aquifer Test Summary
February 14, 2001

Observation Well	Analytical Method	Transmissivity Estimate (ft^2/min)	Transmissivity Estimate (ft^2/day)	Storage Estimate
JOSE 13046	Theis Confined	4.550	6552	0.0021
JOSE 13046	Cooper-Jacob Confined	4.344	6255	0.0023
JOSE 13046	Theis Recovery	2.532	3646	
JOSE 13046	Hantush Leaky	3.216	4631	0.0023
JOSE 13046	Hantush-Jacob Leaky	1.983	2856	0.0046
	AVERAGE	***3.325***	***4788***	***0.0028***
JOSE 53718	Theis Confined	4.036	5812	0.0007
JOSE 53718	Cooper-Jacob Confined	4.456	6417	0.0006
JOSE 53718	Theis Recovery	3.088	4447	
JOSE 53718	Hantush Leaky	2.874	4139	0.0007
JOSE 53718	Hantush-Jacob Leaky	2.496	3594	0.0010
	AVERAGE	***3.390***	***4882***	***0.0007***
JOSE 13049	Theis Confined	4.907	7066	0.0005
JOSE 13049	Cooper-Jacob Confined	4.922	7088	0.0004
JOSE 13049	Theis Recovery	4.024	5795	
JOSE 13049	Hantush Leaky	3.426	4933	0.0004
JOSE 13049	Hantush-Jacob Leaky	2.094	3015	0.0008
	AVERAGE	***3.875***	***5579***	***0.0005***

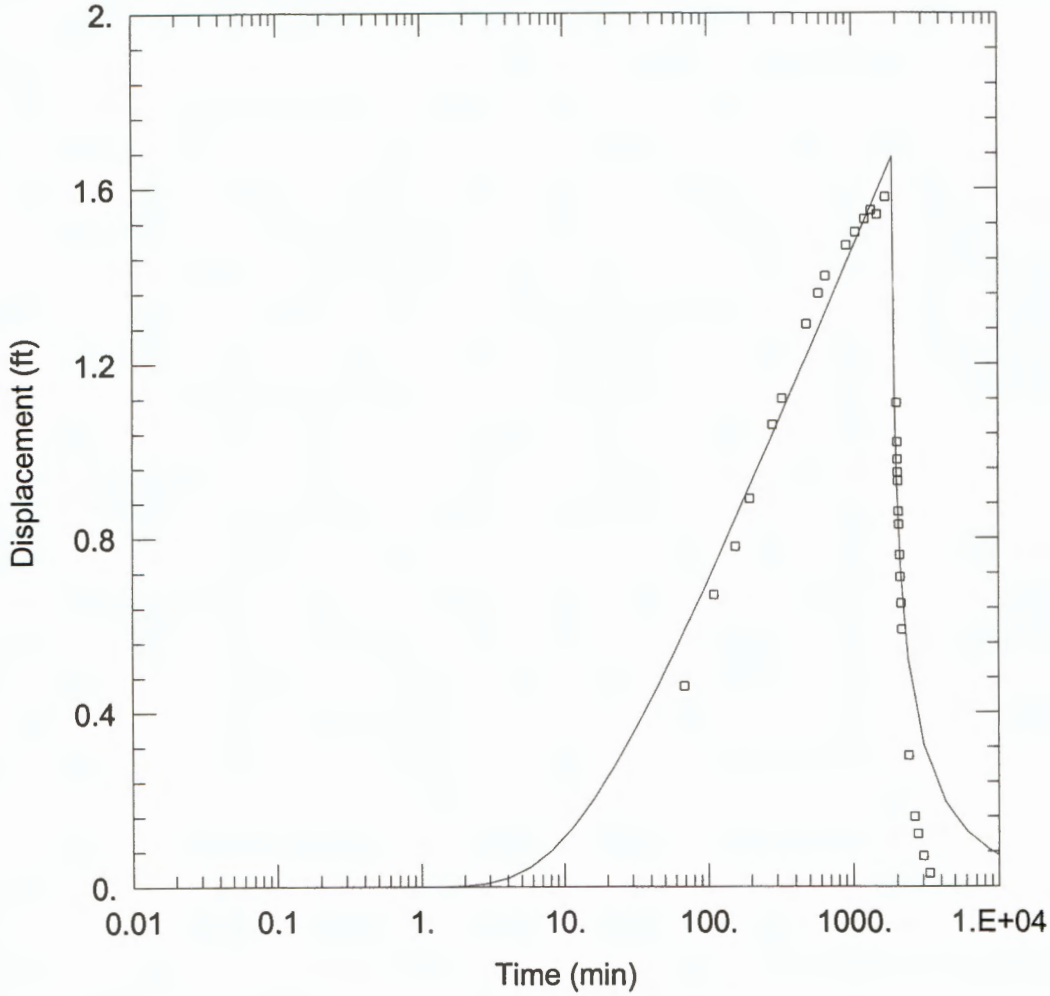
Partial penetration makes these analyses likely more accurate.

Distance - Drawdown Test Well #1 Aquifer Test



$\Delta S = 1.22 - 0.58 = 0.64$ feet

$r_o = 84{,}000$ FT



TEST WELL #1: UPPER AQUIFER TEST

Data Set: C:\Sucker\TW1_13046.aqt
Date: 01/31/02 Time: 11:08:57

PROJECT INFORMATION

Company: OWRD
Test Location: Illinois Valley
Test Well: JOSE53826
Test Date: Februrary 14, 2001

WELL DATA

Pumping Wells

Well Name	X (ft)	Y (ft)
JOSE53826	0	0

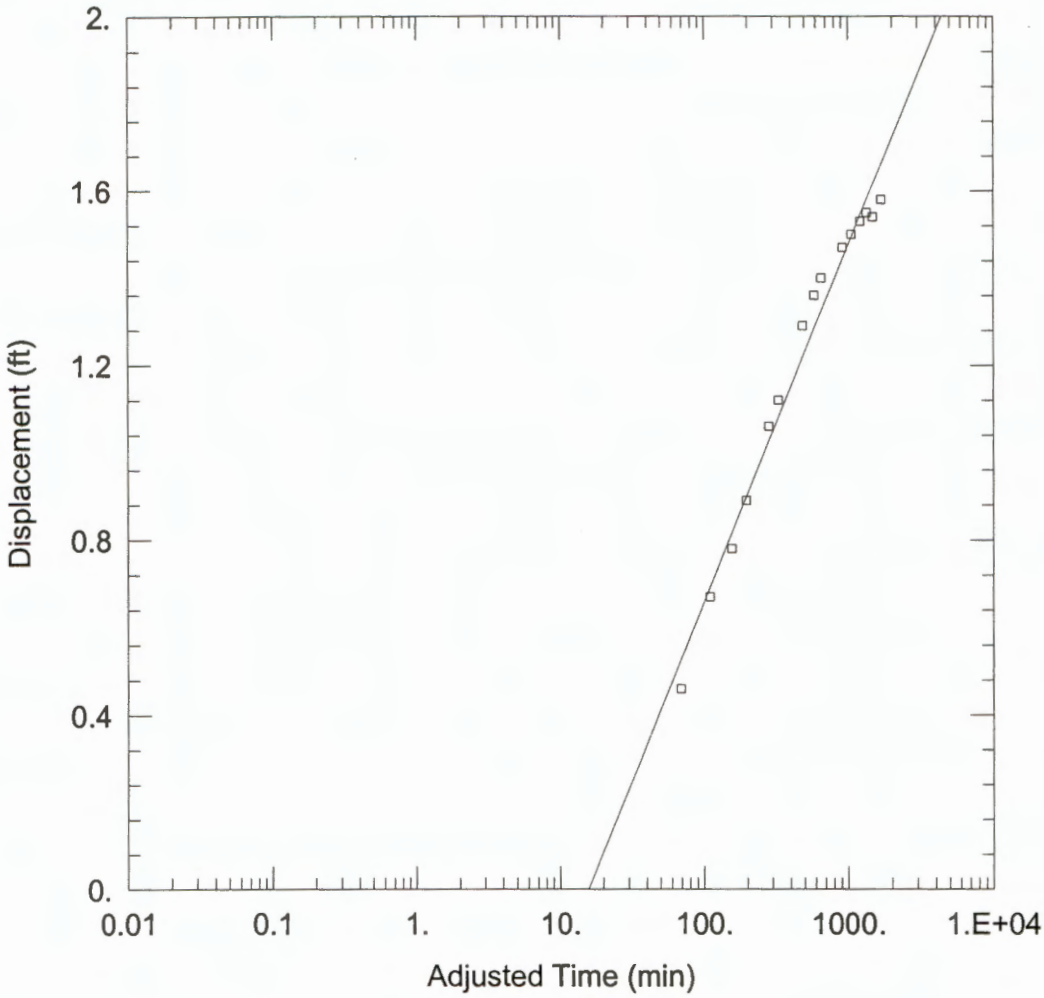
Observation Wells

Well Name	X (ft)	Y (ft)
▫ JOSE13046	0	260

SOLUTION

Aquifer Model: Confined
Solution Method: Theis

T = 4.55 ft^2/min
S = 0.00206
Kz/Kr = 0.001525
b = 210. ft



TEST WELL #1: UPPER AQUIFER TEST

Data Set: C:\Sucker\TW1_13046.aqt
Date: 01/31/02 Time: 11:09:15

PROJECT INFORMATION

Company: OWRD
Test Location: Illinois Valley
Test Well: JOSE53826
Test Date: Februrary 14, 2001

AQUIFER DATA

Saturated Thickness: 210. ft Anisotropy Ratio (Kz/Kr): 0.001525

WELL DATA

Pumping Wells

Well Name	X (ft)	Y (ft)
JOSE53826	0	0

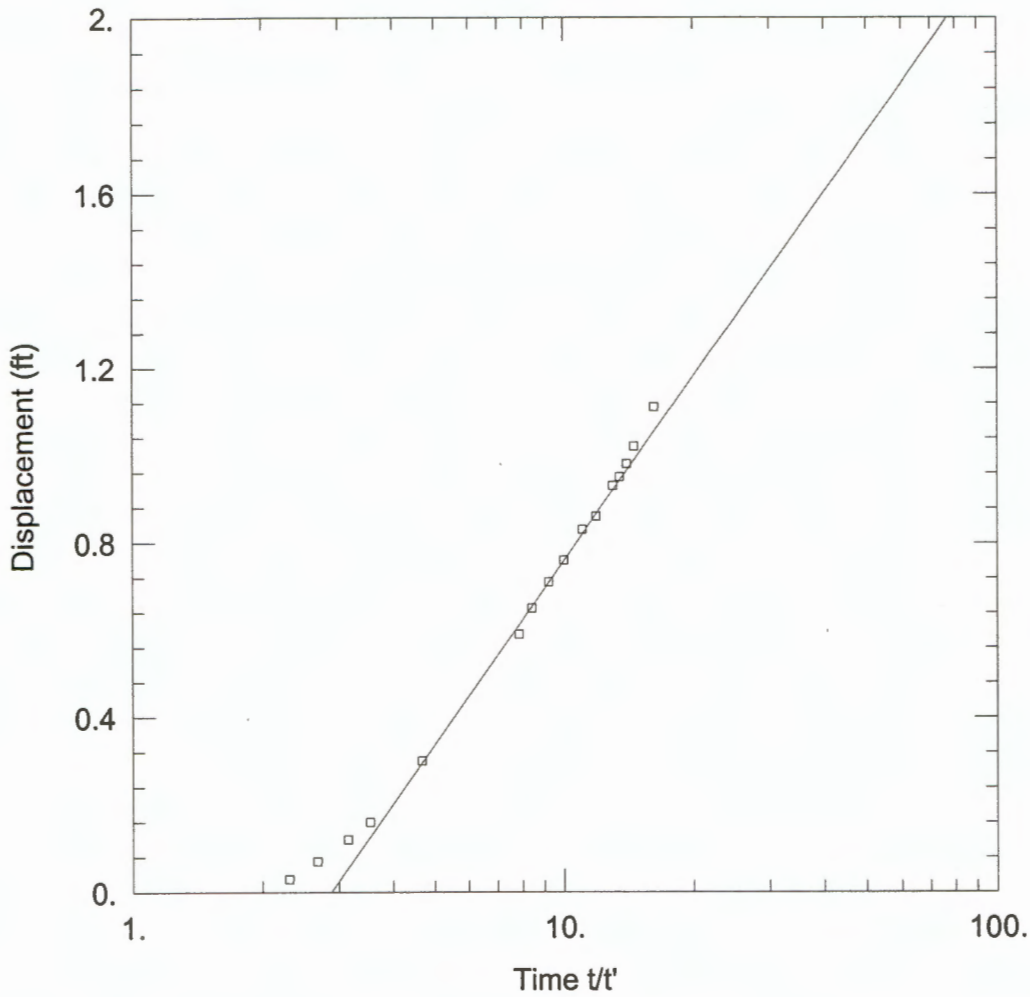
Observation Wells

Well Name	X (ft)	Y (ft)
▫ JOSE13046	0	260

SOLUTION

Aquifer Model: Confined Solution Method: Cooper-Jacob

T = 4.344 ft^2/min S = 0.002269



TEST WELL #1: UPPER AQUIFER TEST

Data Set: C:\Sucker\TW1_13046.aqt
Date: 01/31/02 Time: 11:10:49

PROJECT INFORMATION

Company: OWRD
Test Location: Illinois Valley
Test Well: JOSE53826
Test Date: Februrary 14, 2001

AQUIFER DATA

Saturated Thickness: 210. ft Anisotropy Ratio (Kz/Kr): 0.001525

WELL DATA

Pumping Wells

Well Name	X (ft)	Y (ft)
JOSE53826	0	0

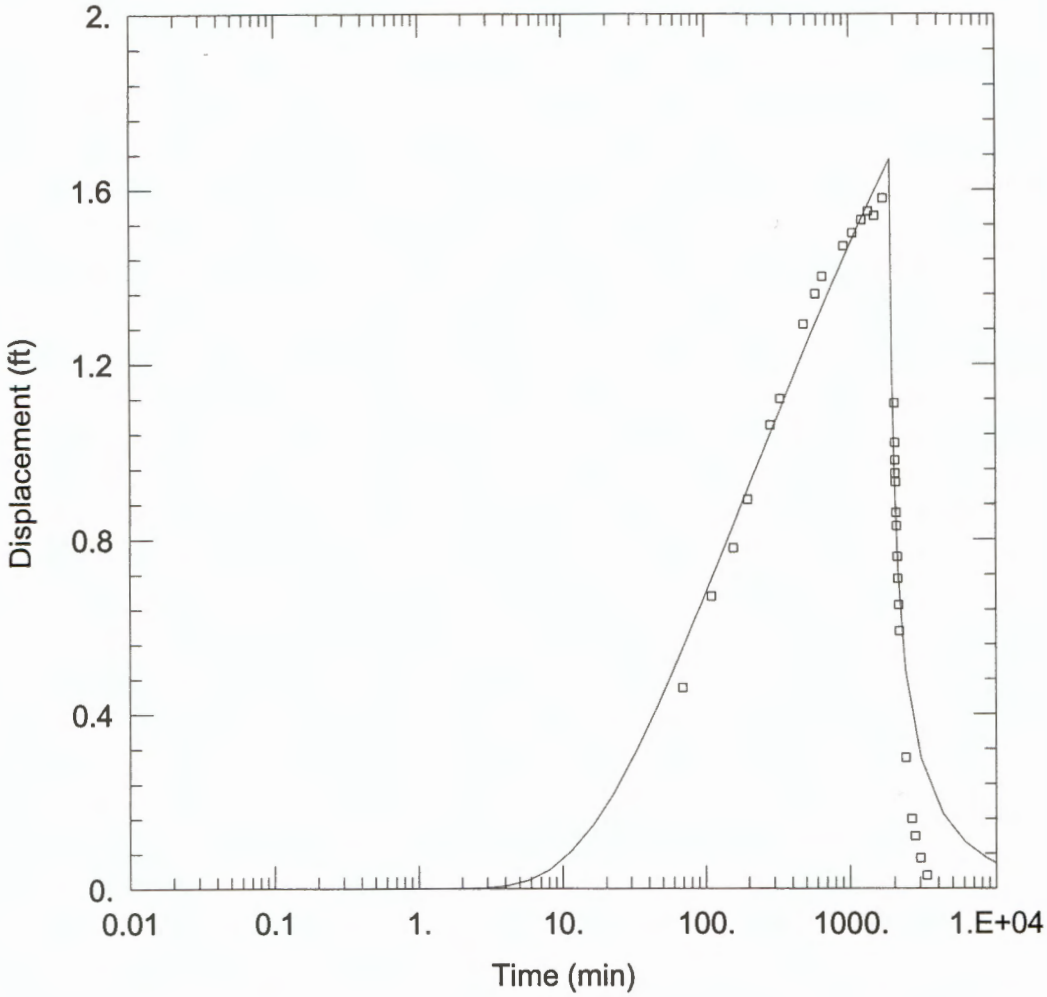
Observation Wells

Well Name	X (ft)	Y (ft)
▫ JOSE13046	0	260

SOLUTION

Aquifer Model: Confined Solution Method: Theis (Recovery)

T = 2.532 ft^2/min S' = 2.882



TEST WELL #1: UPPER AQUIFER TEST

Data Set: C:\Sucker\TW1_13046.aqt
Date: 01/31/02 Time: 11:14:43

PROJECT INFORMATION

Company: OWRD
Test Location: Illinois Valley
Test Well: JOSE53826
Test Date: Februrary 14, 2001

WELL DATA

Pumping Wells

Well Name	X (ft)	Y (ft)
JOSE53826	0	0

Observation Wells

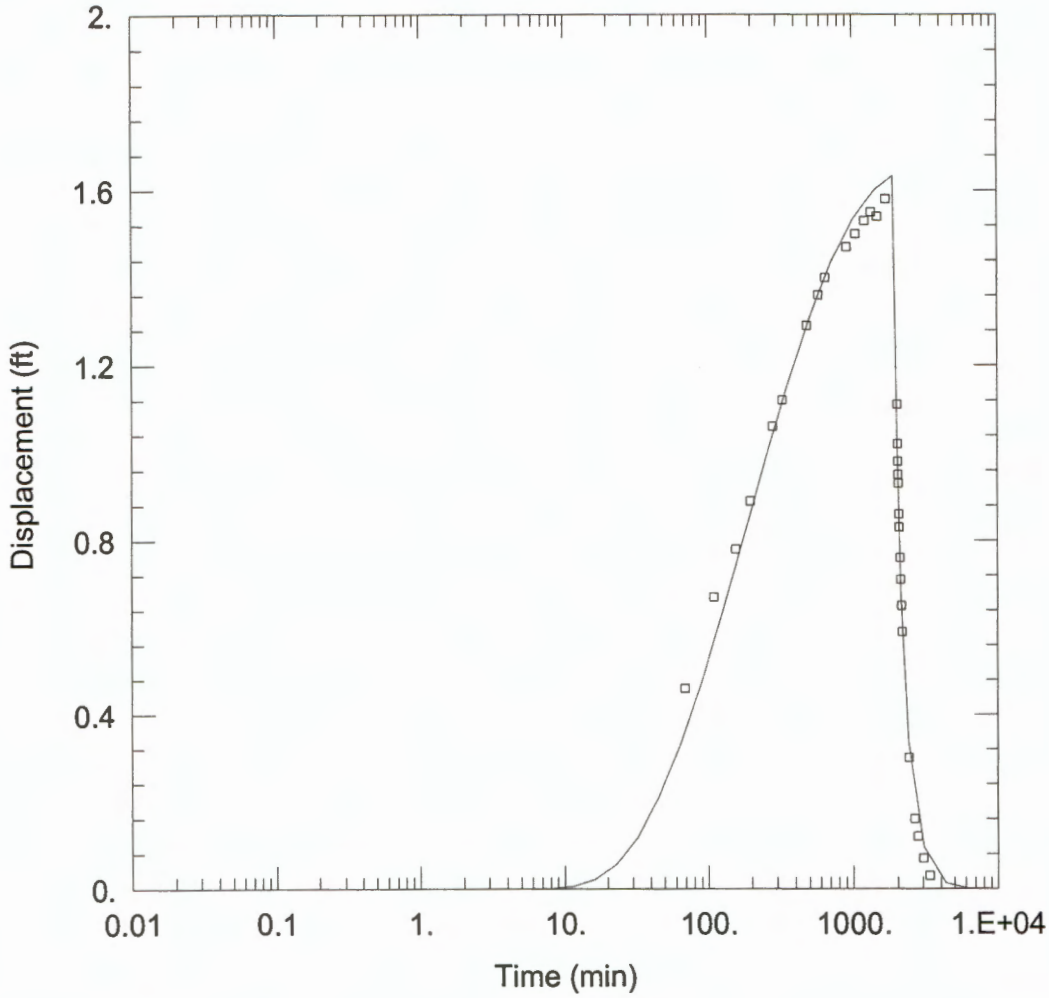
Well Name	X (ft)	Y (ft)
▫ JOSE13046	0	260

SOLUTION

Aquifer Model: Leaky
Solution Method: Hantush

T = 3.216 ft^2/min
ß = 0.05872
b = 210. ft

S = 0.002278
Kz/Kr = 0.001525



TEST WELL #1: UPPER AQUIFER TEST

Data Set: C:\Sucker\TW1_13046.aqt
Date: 01/31/02 Time: 11:11:30

PROJECT INFORMATION

Company: OWRD
Test Location: Illinois Valley
Test Well: JOSE53826
Test Date: Februrary 14, 2001

WELL DATA

Pumping Wells

Well Name	X (ft)	Y (ft)
JOSE53826	0	0

Observation Wells

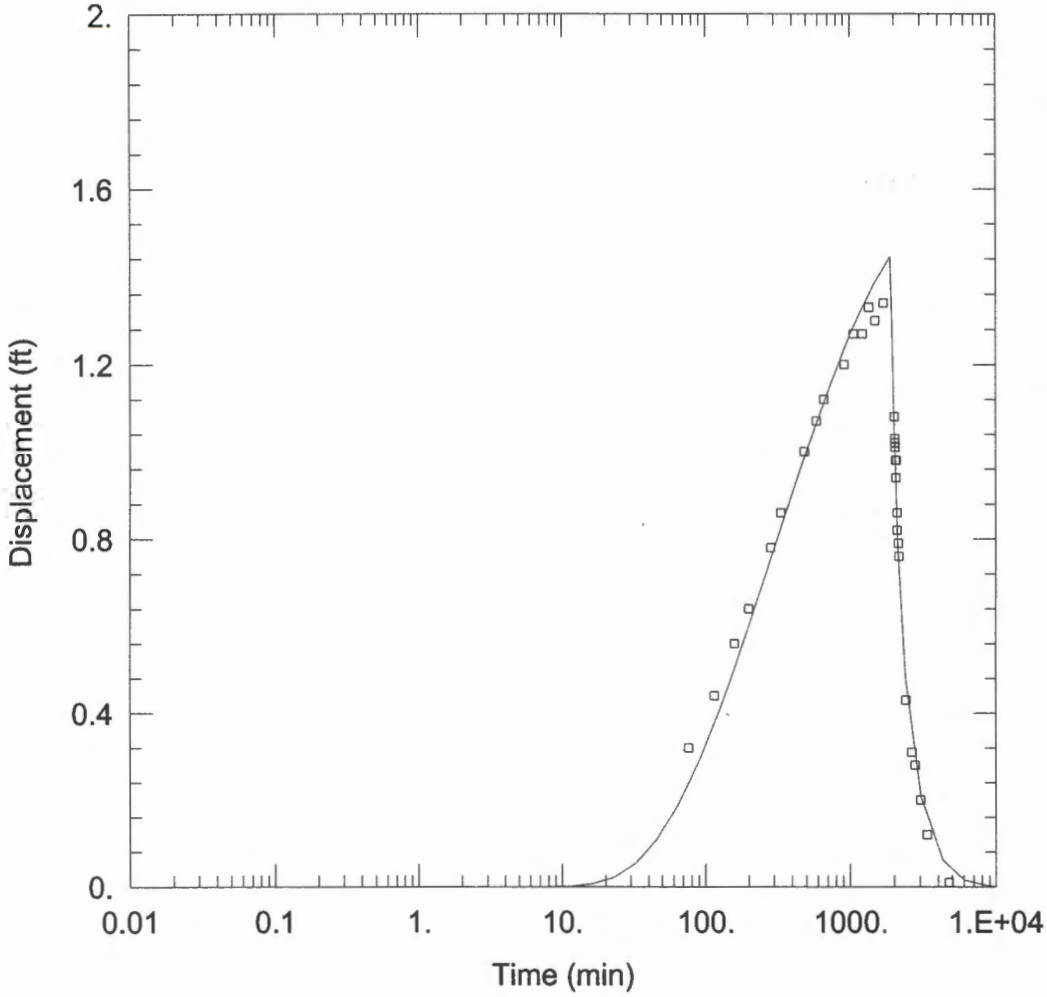
Well Name	X (ft)	Y (ft)
▫ JOSE13046	0	260

SOLUTION

Aquifer Model: Leaky
Solution Method: Hantush-Jacob

T = 1.983 ft^2/min
r/B = 0.4213
b = 210. ft

S = 0.00461
Kz/Kr = 0.001525



TEST WELL #1: UPPER AQUIFER TEST

Data Set: C:\Sucker\TW1_53718.aqt
Date: 01/31/02 Time: 11:38:15

PROJECT INFORMATION

Company: OWRD
Test Location: Illinois Valley
Test Well: JOSE53826
Test Date: Februrary 14, 2001

WELL DATA

Pumping Wells

Well Name	X (ft)	Y (ft)
JOSE53826	0	0

Observation Wells

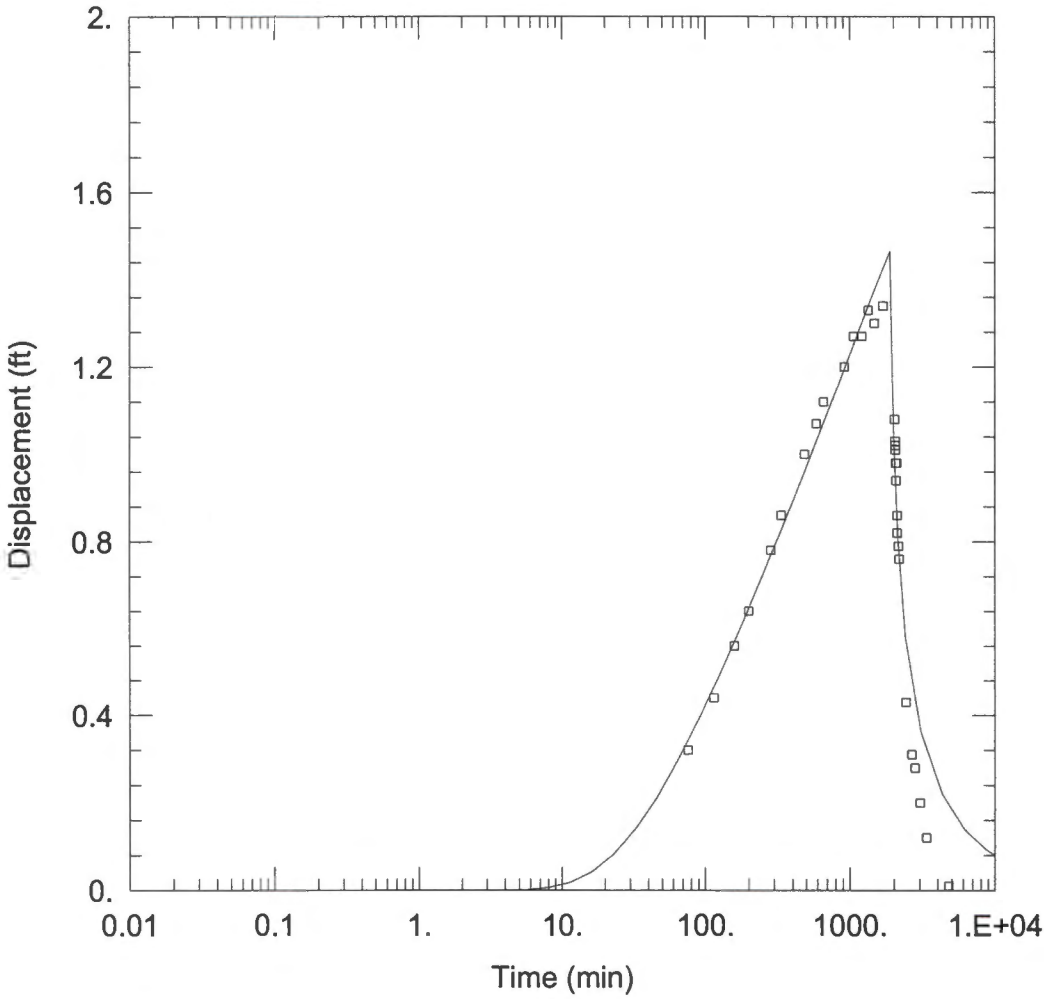
Well Name	X (ft)	Y (ft)
▫ JOSE53718	0	720

SOLUTION

Aquifer Model: Leaky
Solution Method: Hantush-Jacob

T = 2.496 ft^2/min
r/B = 0.3352
b = 210. ft

S = 0.0009898
Kz/Kr = 0.001525



TEST WELL #1: UPPER AQUIFER TEST

Data Set: C:\Sucker\TW1_53718.aqt
Date: 01/31/02 Time: 11:36:24

PROJECT INFORMATION

Company: OWRD
Test Location: Illinois Valley
Test Well: JOSE53826
Test Date: Februrary 14, 2001

WELL DATA

Pumping Wells

Well Name	X (ft)	Y (ft)
JOSE53826	0	0

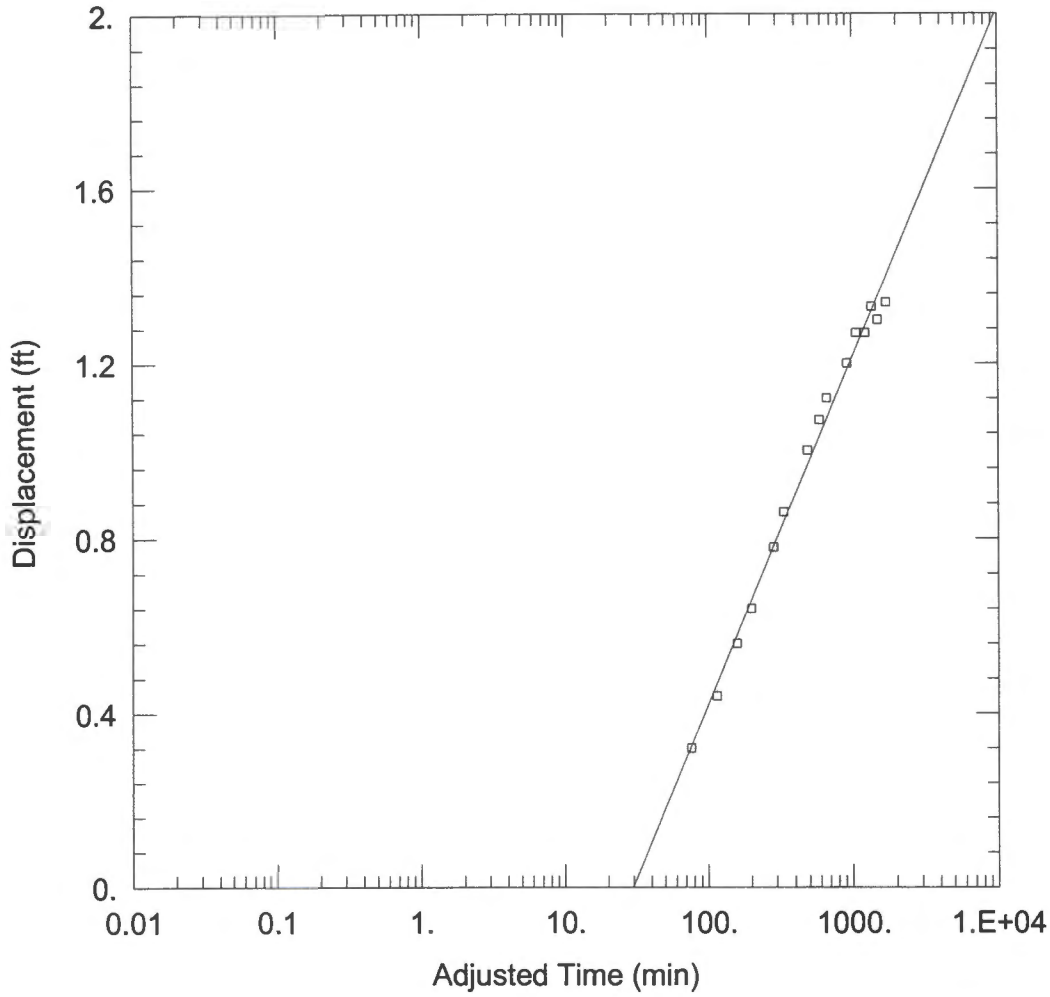
Observation Wells

Well Name	X (ft)	Y (ft)
▫ JOSE53718	0	720

SOLUTION

Aquifer Model: Confined
Solution Method: Theis

T = 4.036 ft^2/min
S = 0.0007223
Kz/Kr = 0.001525
b = 210. ft



TEST WELL #1: UPPER AQUIFER TEST

Data Set: C:\Sucker\TW1_53718.aqt
Date: 01/31/02 Time: 11:36:43

PROJECT INFORMATION

Company: OWRD
Test Location: Illinois Valley
Test Well: JOSE53826
Test Date: Februrary 14, 2001

AQUIFER DATA

Saturated Thickness: 210. ft Anisotropy Ratio (Kz/Kr): 0.001525

WELL DATA

Pumping Wells

Well Name	X (ft)	Y (ft)
JOSE53826	0	0

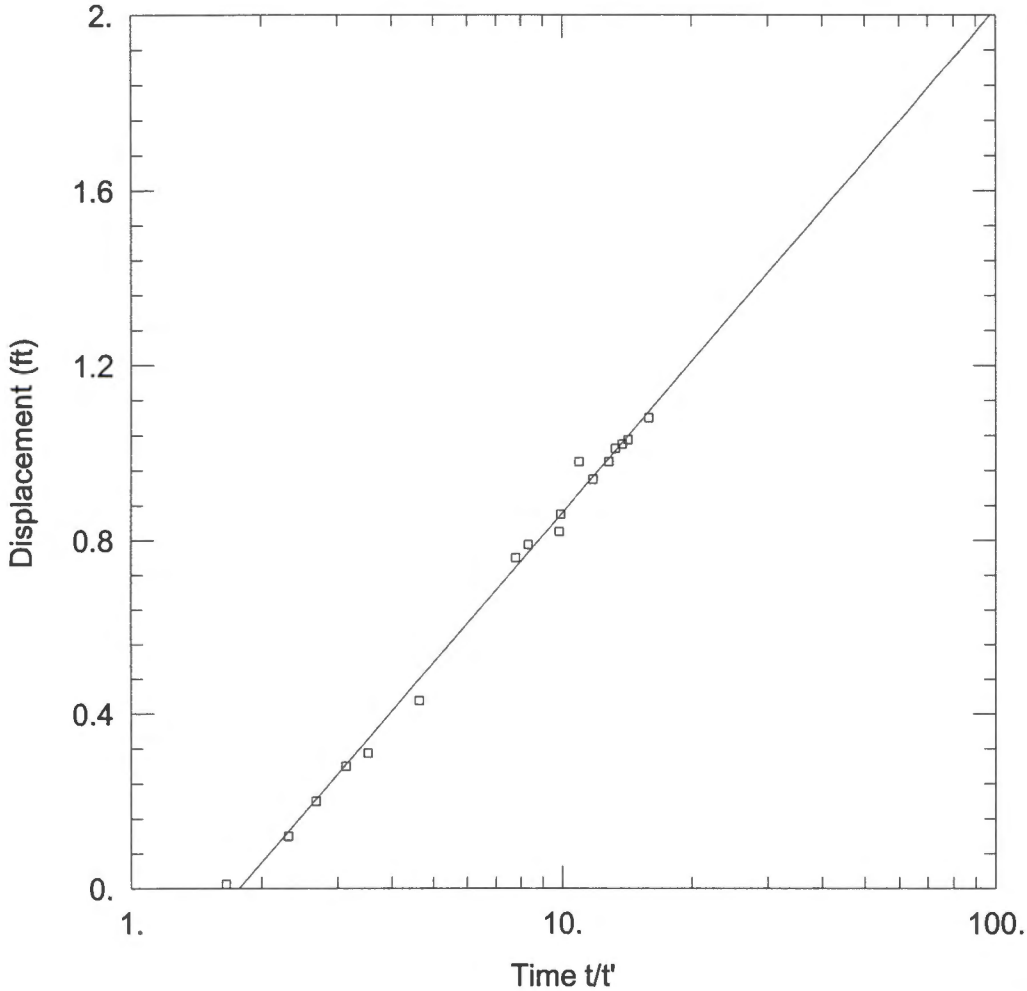
Observation Wells

Well Name	X (ft)	Y (ft)
▫ JOSE53718	0	720

SOLUTION

Aquifer Model: Confined Solution Method: Cooper-Jacob

T = 4.456 ft^2/min S = 0.0005749



TEST WELL #1: UPPER AQUIFER TEST

Data Set: C:\Sucker\TW1_53718.aqt
Date: 01/31/02 Time: 11:37:49

PROJECT INFORMATION

Company: OWRD
Test Location: Illinois Valley
Test Well: JOSE53826
Test Date: Februrary 14, 2001

AQUIFER DATA

Saturated Thickness: 210. ft Anisotropy Ratio (Kz/Kr): 0.001525

WELL DATA

Pumping Wells

Well Name	X (ft)	Y (ft)
JOSE53826	0	0

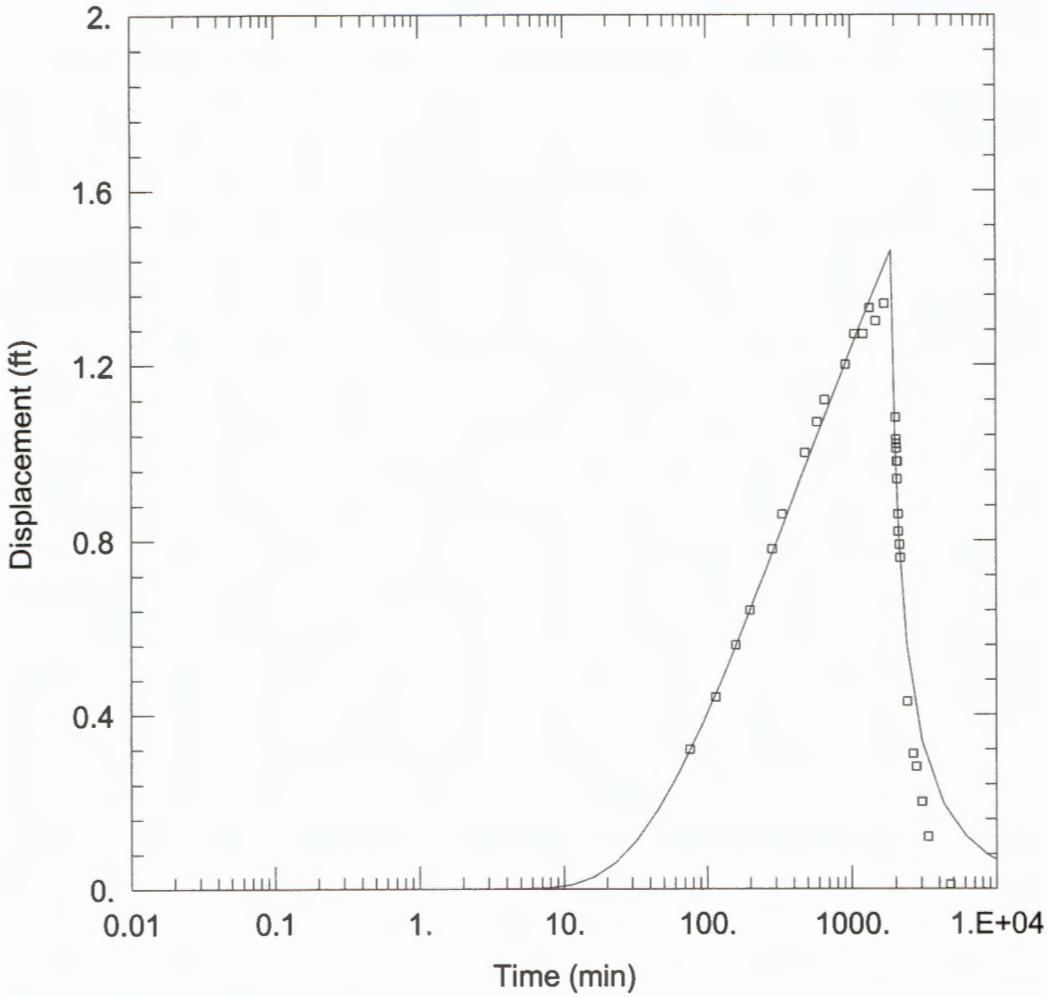
Observation Wells

Well Name	X (ft)	Y (ft)
▫ JOSE53718	0	720

SOLUTION

Aquifer Model: Confined Solution Method: Theis (Recovery)

T = 3.088 ft^2/min S' = 1.778



TEST WELL #1: UPPER AQUIFER TEST

Data Set: C:\Sucker\TW1_53718.aqt
Date: 01/31/02 Time: 11:38:40

PROJECT INFORMATION

Company: OWRD
Test Location: Illinois Valley
Test Well: JOSE53826
Test Date: Februrary 14, 2001

WELL DATA

Pumping Wells

Well Name	X (ft)	Y (ft)
JOSE53826	0	0

Observation Wells

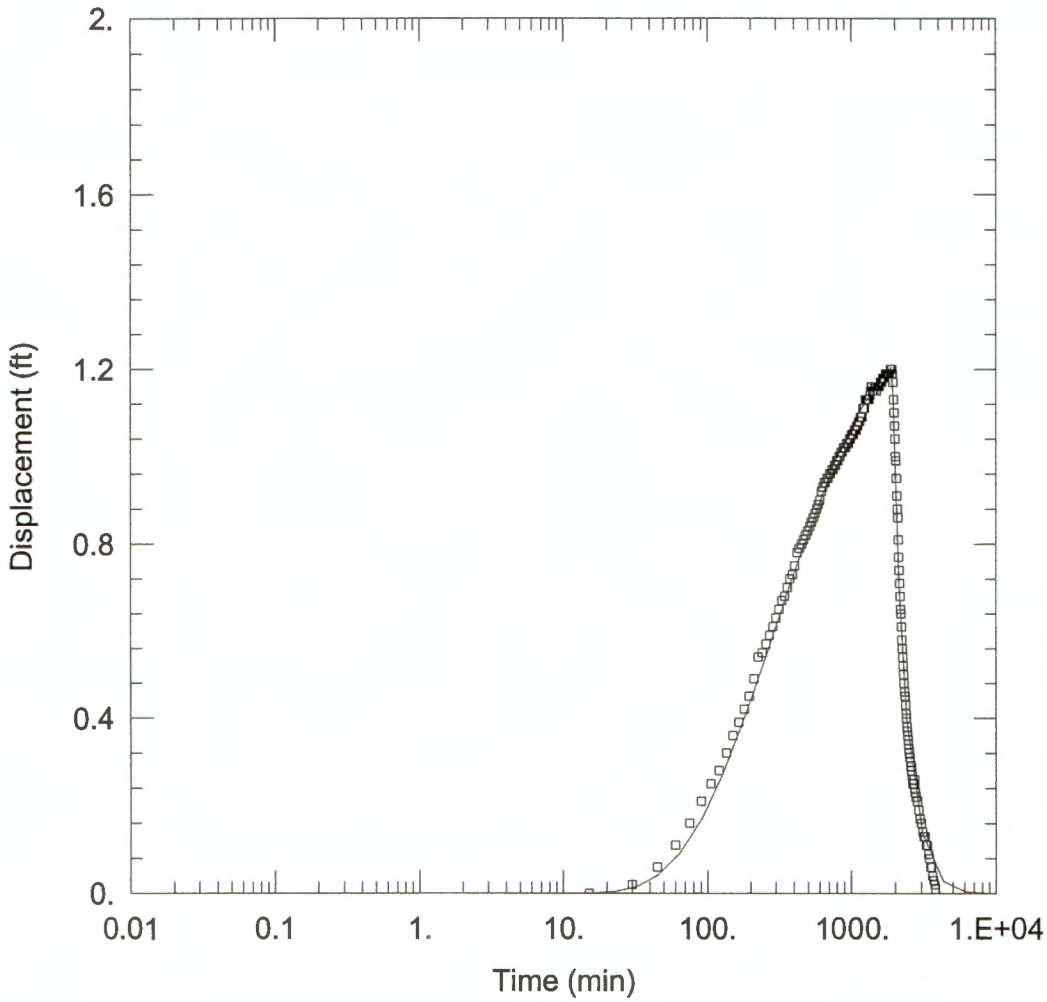
Well Name	X (ft)	Y (ft)
▫ JOSE53718	0	720

SOLUTION

Aquifer Model: Leaky
Solution Method: Hantush

T = 2.874 ft^2/min
ß = 0.076
b = 210. ft

S = 0.0006701
Kz/Kr = 0.001525



TEST WELL #1: UPPER AQUIFER TEST

Data Set: C:\Sucker\TW1_13049.aqt
Date: 01/31/02 Time: 08:16:41

PROJECT INFORMATION

Company: OWRD
Test Location: Illinois Valley
Test Well: JOSE53826
Test Date: Februrary 14, 2001

WELL DATA

Pumping Wells

Well Name	X (ft)	Y (ft)
JOSE53826	0	0

Observation Wells

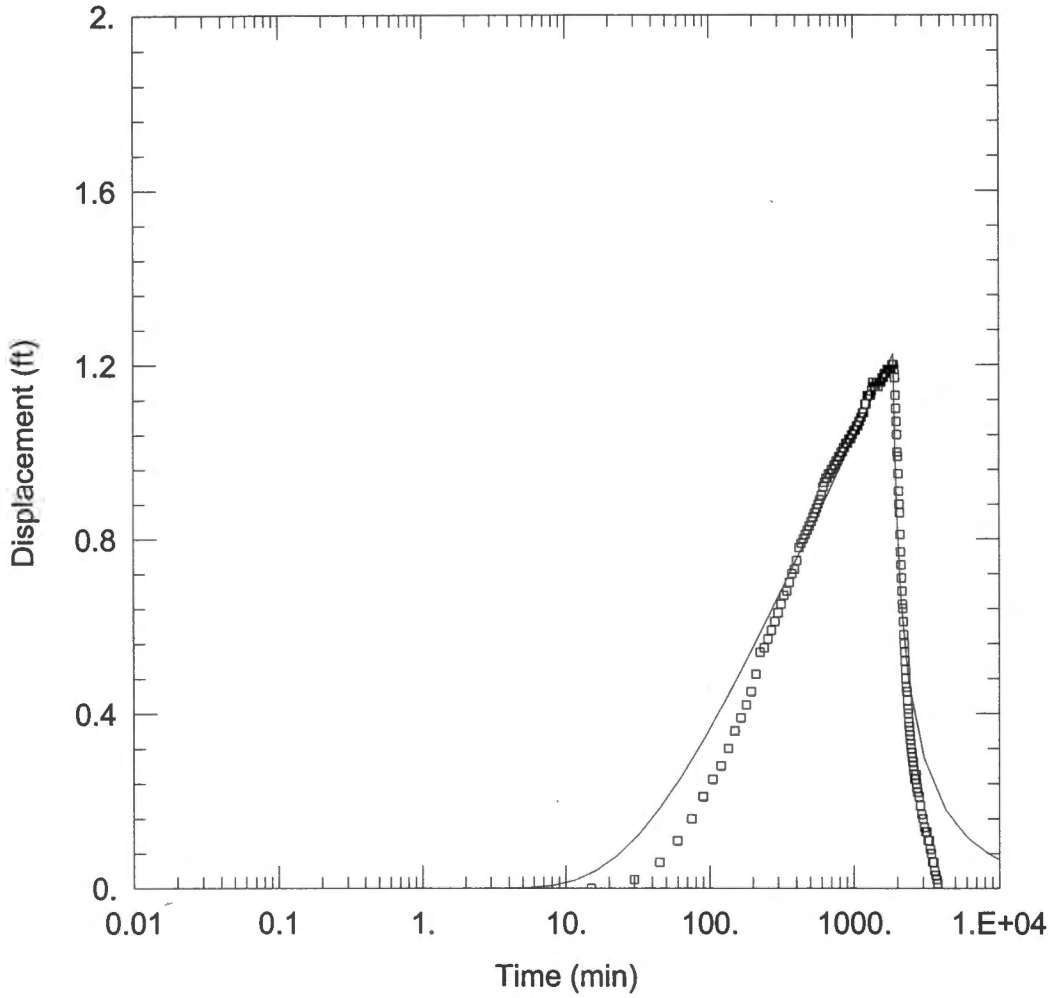
Well Name	X (ft)	Y (ft)
▫ JOSE13049	970	0

SOLUTION

Aquifer Model: Leaky
Solution Method: Hantush-Jacob

T = 2.094 ft^2/min
r/B = 0.5424
b = 210. ft

S = 0.0007618
Kz/Kr = 0.001525



TEST WELL #1: UPPER AQUIFER TEST

Data Set: C:\Sucker\TW1_13049.aqt
Date: 01/31/02 Time: 08:13:18

PROJECT INFORMATION

Company: OWRD
Test Location: Illinois Valley
Test Well: JOSE53826
Test Date: Februrary 14, 2001

WELL DATA

Pumping Wells

Well Name	X (ft)	Y (ft)
JOSE53826	0	0

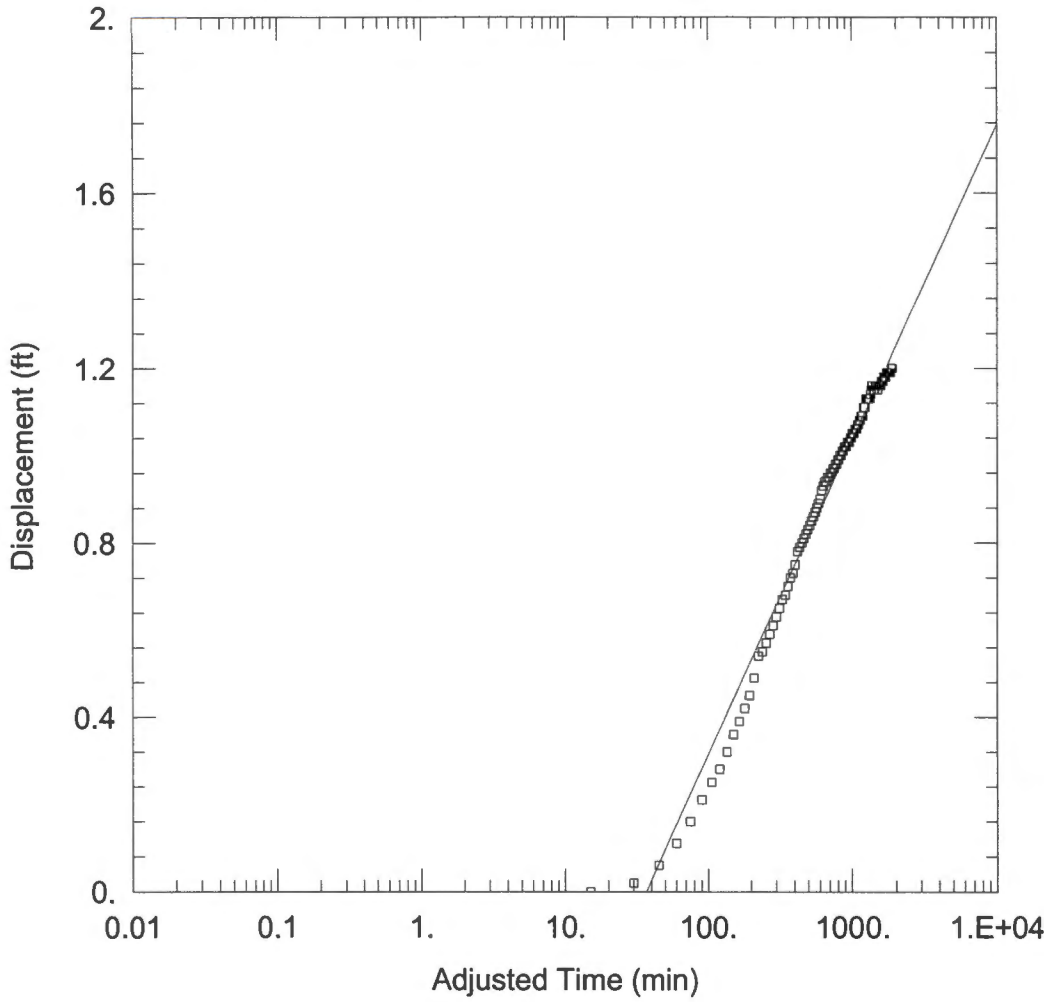
Observation Wells

Well Name	X (ft)	Y (ft)
▫ JOSE13049	970	0

SOLUTION

Aquifer Model: Confined
Solution Method: Theis

T = 4.907 ft^2/min
S = 0.0004533
Kz/Kr = 0.001525
b = 210. ft



TEST WELL #1: UPPER AQUIFER TEST

Data Set: C:\Sucker\TW1_13049.aqt
Date: 01/31/02 Time: 08:14:38

PROJECT INFORMATION

Company: OWRD
Test Location: Illinois Valley
Test Well: JOSE53826
Test Date: Februrary 14, 2001

AQUIFER DATA

Saturated Thickness: 210. ft Anisotropy Ratio (Kz/Kr): 0.001525

WELL DATA

Pumping Wells

Well Name	X (ft)	Y (ft)
JOSE53826	0	0

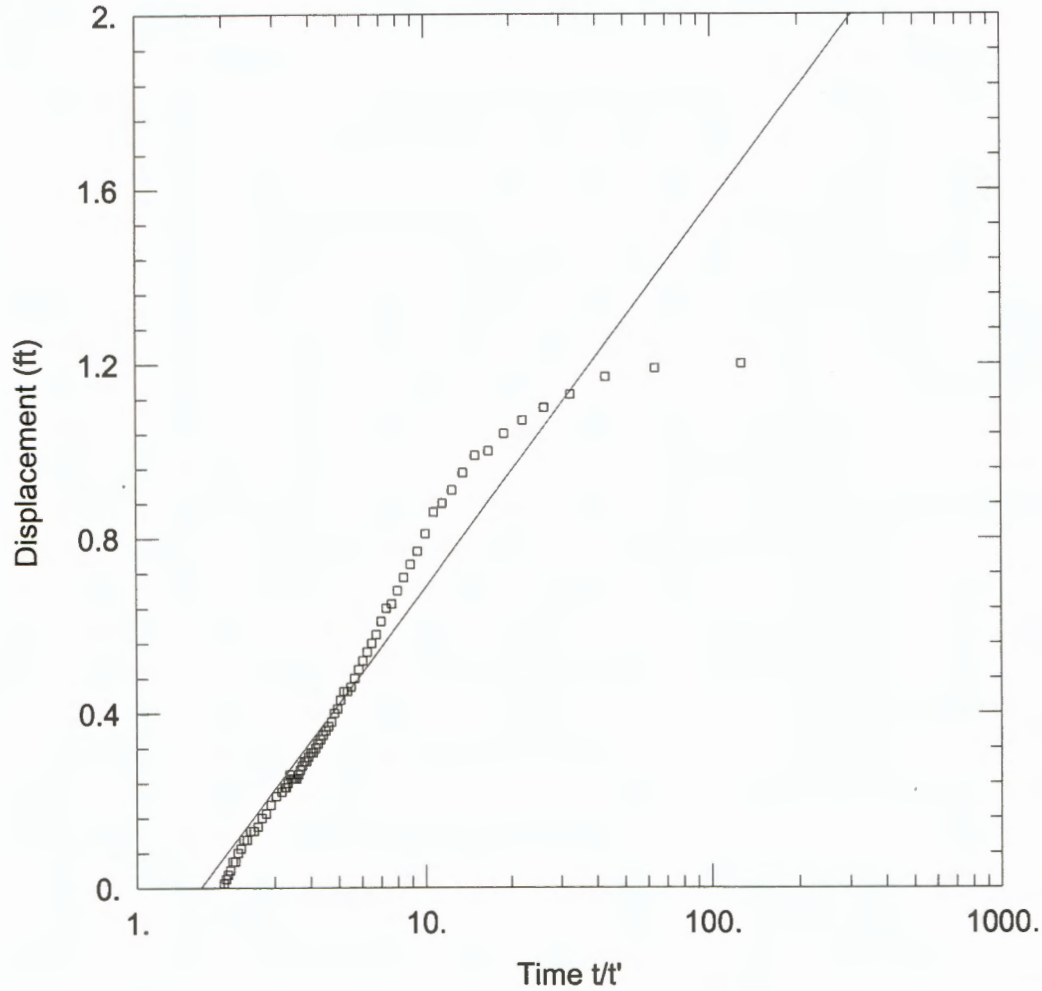
Observation Wells

Well Name	X (ft)	Y (ft)
▫ JOSE13049	970	0

SOLUTION

Aquifer Model: Confined Solution Method: Cooper-Jacob

T = 4.922 ft^2/min S = 0.0004322



TEST WELL #1: UPPER AQUIFER TEST

Data Set: C:\Sucker\TW1_13049.aqt
Date: 01/31/02 Time: 11:54:03

PROJECT INFORMATION

Company: OWRD
Test Location: Illinois Valley
Test Well: JOSE53826
Test Date: Februrary 14, 2001

AQUIFER DATA

Saturated Thickness: 210. ft Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA

Pumping Wells

Well Name	X (ft)	Y (ft)
JOSE53826	0	0

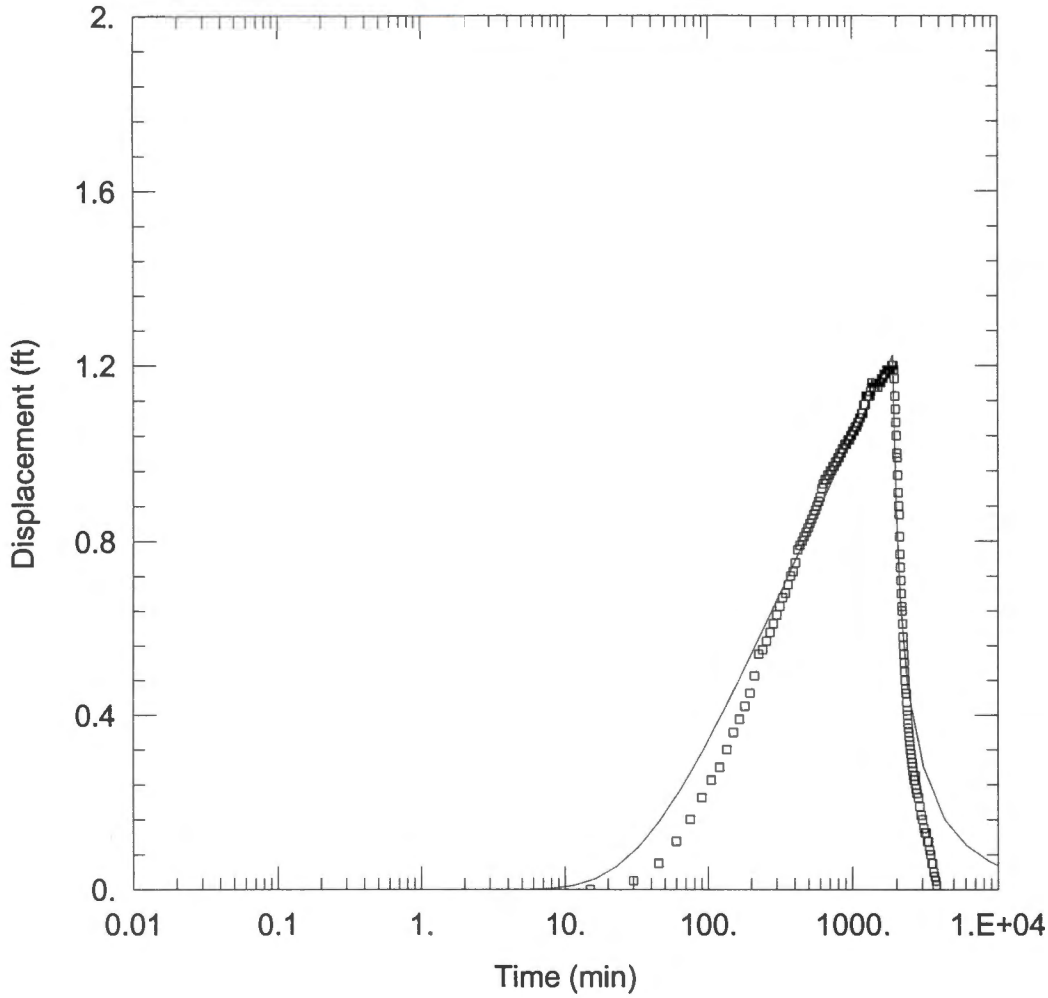
Observation Wells

Well Name	X (ft)	Y (ft)
▫ JOSE13049	970	0

SOLUTION

Aquifer Model: Confined Solution Method: Theis (Recovery)

T = 4.024 ft^2/min S' = 1.67



TEST WELL #1: UPPER AQUIFER TEST

Data Set: C:\Sucker\TW1_13049.aqt
Date: 01/31/02 Time: 08:17:24

PROJECT INFORMATION

Company: OWRD
Test Location: Illinois Valley
Test Well: JOSE53826
Test Date: Februrary 14, 2001

WELL DATA

Pumping Wells

Well Name	X (ft)	Y (ft)
JOSE53826	0	0

Observation Wells

Well Name	X (ft)	Y (ft)
▫ JOSE13049	970	0

SOLUTION

Aquifer Model: Leaky
Solution Method: Hantush

T = 3.426 ft^2/min
ß = 0.07919
b = 210. ft

S = 0.0004294
Kz/Kr = 0.001525

12-06-2001 I.K. GALL

AQUIFER TEST ANALYSIS FOR TEST WELL #1 (JOSE 53826)

AQUIFER THICKNESS:

- Based on JOSE 53718 (WARGIN), water-producing zone is 50-75 ft bgs.
- Based on JOSE 13046 (KAREN'S), wbz is 27-60 ft bgs.
- Based on JOSE 53826 (TEST WELL #1), water table = 20 FT bgs, some water at 43 ft bgs, "lots" of water at 53 ft bgs. Base of aq. @ ~230 ft bgs. Well perfed 100-220 ft bgs.

∴ Assume aquifer from 20-230 feet bgs, = 210 ft thick

WELL COORDS. TAKEN FROM 1"=400' APPLICATION MAP

Test well #1 = 0,0

WARGIN (JOSE 53718) = ~~700FT, 120FT~~ 720 ft

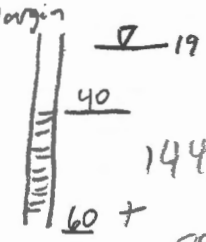
KAREN'S (JOSE 13046) = ~~30FT, 230FT~~ 260 ft N

HERNDON (JOSE 13049) = 970 E

GENER FAILURE TIME: Generator was cycling/idling badly upon our return to site at ~21:00 - Almost no water discharge. Based on response of recorder in Herndon (JOSE 13049) well, estimate generator failure at ≈ 19:30

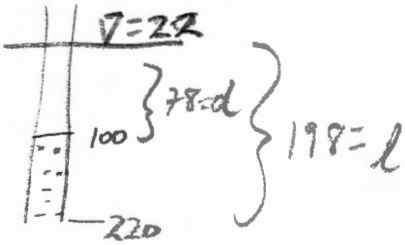
(145 gpm) · 19.3824 ft³/min

Wargin

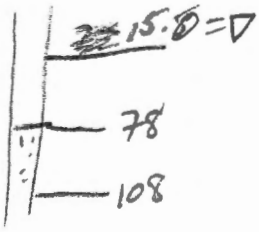


1440 + 1890 min

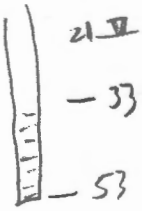
Jose 53826: Partial penet



Jose 13049



Karens



DISTANCE-DRAWDOWN
TEST WELL #1 - JOE 53826

IVAN GALL
01-31-2002

$$T = \frac{2.3Q}{2\pi\Delta s} \qquad S = \frac{2.25Tt}{r_o^2}$$

$Q = 145$ gpm $= 19.3824\ ft^3/min$
$= 0.323$ cfs

$t = 1{,}890$ minutes

$\pi = 3.1416$

$r_o = 84{,}000$ feet (from graph)

$\Delta s = 0.64$ feet (from graph)

$$T = \frac{2.3(19.3824\ ft^3/min)}{2(3.1416)(0.64\ ft)} = \frac{44.58\ ft^3/min}{4.02\ ft} = \boxed{11.1\ ft^2/min = T}$$

$$S = \frac{2.25(11.1\ ft^2/min)(1{,}890\ min)}{(84{,}000\ ft)^2} = \frac{47{,}203\ ft^2}{7{,}056{,}000{,}000\ ft^2} = \boxed{6.7\times10^{-6} = S}$$

$$T = \frac{2.303(0.323\ ft^3/sec)}{2(3.1416)(0.64\ ft)} = \frac{0.7439\ ft^3/sec}{4.0212\ ft} = 0.185\ ft^2/sec = 11.09\ ft^2/min$$

$$u = r^2S/4Tt = \frac{970^2 \cdot 6.7\times10^{-6}}{4(11.1\ ft^2/min)(1890\ min)} = \frac{6.304\ ft^2}{83{,}916\ ft^2} = 0.0001$$

Oregon
John A. Kitzhaber, M.D., Governor

Water Resources Department
942 SW 6th Street
Suite E
Grants Pass, OR 97526
(541) 471-2886
FAX (541) 471-2876

August 27, 2002

ILLINOIS VALLEY WATERSHED COUNCIL
PO BOX 352
CAVE JUNCTION OREGON 97523

REFERENCE: Transfer 9071 AND 9072

I have reviewed these transfer applications and they appear to be complete. Enclosed please find partial diminution affidavits for your completion. These documents must be submitted in order to process the transfer and resolve the conflicting primary water right issue. I have included an example for your review.

Notice of the transfer application must be published in the local newspaper having general circulation in the area of the water right. The notice must be published at least once a week for three consecutive weeks. Enclosed is the notice to be published. Please have the newspaper insert the last date of publication in the appropriate place in the notice. Following the last date of publication, please submit the affidavit of publication supplied by the newspaper to the Regional Office in Grants Pass.

Feel free to call if you have any questions at (541) 471-2886, ext. 228.

Sincerely,

Teresa Vonn

Teresa Vonn
Regional Water Management Specialist

c: Amos and Norma Vahrenwald
Patsy Wargin
Harold Center, CWRE # 152
Bruce Sund, Watermaster District #14

mailed 8/28/02

NOTICE OF WATER RIGHT TRANSFER 9071 and 9071

Patsy A. Wargin filed an application with the Water Resources Department for a change in point of appropriation of water as provided by ORS 537.705 and ORS 540.510 to 540.530.

Certificate 7148, in the name of H. B. REED(Successor in interest to Samuel Miller and Hattie Miller), includes a right limited to 0.1 cubic foot per second from Sucker Creek, with a priority date of 1872 for irrigation of 5.04 acres.

The applicant proposes to change to two points of appropriation : Well #1, WELL LOG #41845-NE¼ NW¼, SECTION 1, TOWNSHIP 40 SOUTH, RANGE 8 WEST, W.M.; 126.47 FEET NORTH AND 79.83 FEET WEST OF THE NW CORNER OF DLC 46; WELL #2, WELL LOG #45122-NE¼ NW¼, SECTION 1, TOWNSHIP 40 SOUTH, RANGE 8 WEST, W.M.; 261.47 FEET NORTH AND 641.25 FEET EAST OF THE NW CORNER OF DLC 46.

Certificate 63788, in the name of Amos Vahrenwald, includes a right limited to 0.07 cubic foot per second from Sucker Creek, with a priority date of November 1, 1919 for irrigation of 5.04 acres.

The point of diversion for this right is in the NW¼ SW¼, Section 31, T 39 S, R 7 W, W.M.;1420' N and 75' E from the SW Corner of Section 31 .

The applicant proposes to change the point of appropriation to WELL LOG #41845-NE¼ NW¼, SECTION 1, TOWNSHIP 40 SOUTH, RANGE 8 WEST, WM.M; 126.47 FEET NORTH AND 79.83 FEET WEST OF THE NW CORNER OF DLC 46; WELL #2 NE¼ NW¼, SECTION 1, TOWNSHIP 40 SOUTH, RANGE 8 WEST, W.M.; WELL LOG #45122-261.47 FEET NORTH AND 641.25 FEET EAST OF THE NW CORNER OF DLC 46.

Amos Y. and Norma L. Vahrenwald filed an application with the Water Resources Department for a change in point of appropriation and place of use of water as provided by ORS 537.705 and ORS 540.510 to 540.530.

Certificate 7148, in the name of H. B. REED(Successor in interest to Samuel Miller and Hattie Miller), includes a right limited to 0.2 cubic foot per second from Sucker Creek, with a priority date of 1872 for irrigation of 9.96 acres.

The applicant proposes to change the point of appropriation to WELL LOG #41845-NE¼ NW¼, SECTION 1, TOWNSHIP 40 SOUTH, RANGE 8 WEST, W.M.; 126.47 FEET NORTH AND 79.83 FEET WEST OF THE NW CORNER OF DLC 46.

The applicant proposes to change the place of use of 1.9 acres to SE¼ NW¼, Section 1, T 40 S, R 8 W, W.M.

Certificate ~~76388~~ 63788, in the name of Amos Vahrenwald, includes a right limited to 0.20 cubic foot per second from Sucker Creek, with a priority date of November 1, 1919 for irrigation of 15.96 acres.

The point of diversion for this right is in the NW¼ SW¼, Section 31, T 39 S, R 7 W, W.M.;1420' N and 75' E from the SW Corner of Section 31 .

The applicant proposes to change the point of appropriation to WELL LOG #41845-NE¼ NW¼, SECTION 1, TOWNSHIP 40 SOUTH, RANGE 8 WEST, WM.M; 126.47 FEET NORTH AND 79.83 FEET WEST OF THE NW CORNER OF DLC 46.

The applicant proposes to change the place of use of 1.0 acres to SE¼ NW¼, Section 1, T 40 S, R 8 W, W.M.

Protests may be filed by persons who think their water right may be injured by this change. The protest fee is $25.00. Additional information or forms and rules for filing protests are available from the Water Resources Department by calling (541) 471-2886, ext. 228. If a protest is filed a hearing may be held.

The last date of publication is [last date of publication]. IF NO PROTEST IS FILED WITHIN 30 DAYS AFTER THE LAST DATE OF PUBLICATION, THE CHANGE MAY BE APPROVED WITHOUT A HEARING.

Oregon
John A. Kitzhaber, M.D., Governor

Water Resources Department
Commerce Building
158 12th Street NE
Salem, OR 97301-4172
(503) 378-3739
FAX (503) 378-8130
www.wrd.state.or.us

April 1, 2002

Illinois Valley Watershed Council
Glenn Ginter
P.O. Box 352
Cave Junction, Oregon 97523

REFERENCE: Request for Waiver of Water Right Transfer Application Fees

We received your request for the Director to waive the water right transfer application fees for two permanent transfer applications filed on behalf of Amos and Norma Vahrenwald & Patsy Wargin.

ORS 536.050(4) provides that the Director may waive all or part of the fees for a water right transfer that is approved by ODFW as a change that will result in a net benefit to fish and wildlife habitat. Because this qualifies as the benefit to fish and wildlife habitat, the application fees are waived for these transfer applications. The transfer applications will be accepted for filing.

If you have any questions, please call Bernadette Williams at (503) 378-8455, extension 275. Thank you.

Sincerely,

Thomas J. Paul
Administrator, Field Services Division

cc: Al Cook, Southwest Region Manager
Bruce Sund, District 14 Watermaster

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).

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

Illinois Valley Soil and Water Conservation District
Illinois Valley Watershed Council
102 S. Redwood Hwy-P.O. Box 352
Cave Junction, OR 97523
Phone: 541-592-3731
Fax: 541-592-3425
ivswcdwc@cdsnet.net

Illinois Valley Watershed Council

March 22, 2002

Mr. Paul Cleary
Oregon Water Resources Department
158 12th Street, NE
Salem, OR 97301-4172

Dear Mr. Cleary,

Enclosed are applications for the Wargin and Vahrenwald Water Rights Transfers. It is has come to my attention that this fee may be waived ("the Water Resources Director may waive all or part of the fee for a change to a water right subject to transfer under ORS 540.520 or 540.523, if the change is made pursuant to ORS 537.348, is necessary to complete a project funded under ORS 541-375, or is approved by the State Department of Fish and Wildlife as a change that will result in a net benefit to fish and wildlife habitat"). These projects are funded by OWEB working in conjunction with Oregon Department of Fish & Wildlife and will remove a fish passage barrier (gravel push up dam). This project is on Sucker Creek, which is the highest priority stream for water rights allocation and salmon restoration in the Illinois Basin. Waiving these application fees would allow more funds to be allocated directly to project work.

If you have any questions or need any further information, please feel free to contact me at the above listed phone number.

Sincerely,

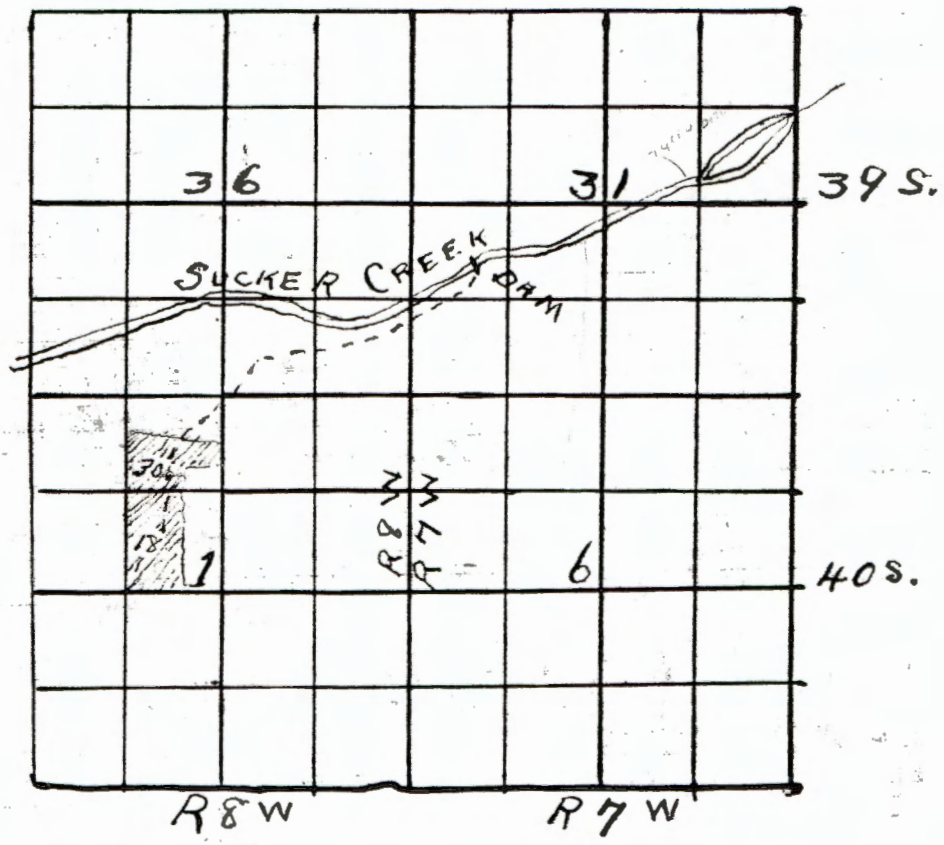
Glenn Ginter
Coordinator, IVSWCD

RECEIVED
MAR 27 2002
WATER RESOURCES DEPT.
SALEM, OREGON

[illegible] Allen Leonard, Kerby, Ore.	1865	2.5	125	Irrigation, domestic & stock Ch. in pt. of div. - Sp. Or. Vol. 8, p. 168	Mill Race	Sucker Creek	13.0 acres in SE¼ NE¼ 11.0 acres in NE¼ SE¼ 35.0 acres in NW¼ SE¼ 34.0 acres in SW¼ SE¼ Sec. 31, 18.0 acres in SW¼ NW¼ 14.0 acres in NW¼ SW¼ Sec. 32, T. 39 S. R. 7 W. W. M.
7140 (See Vol 5, P.398) J. E. Lewis, Holland, Ore.	1875 T-8917 ΔPoD	0.72	36	Irrigation	Lewis		16.0 acres in NE¼ NE¼ 20.0 acres in SE¼ NE¼ Sec. 32, T. 39 S. R. 7 W. W. M.
7140 (See Vol. 5, P.398) J. E. Lewis, Holland, Ore.	1876	0.2	10	Irrigation	Gilmore		10.0 acres in NW¼ NE¼ Sec. 32, T. 39 S. R. 7 W. W. M.
7148 (See Vol 5, P.398) PC 83-7 Samuel & Hattie Miller, Kerby, Ore. T-9071 T-9072	1872 See motion recorded Vol 5, page 448 Granted by Circuit Court Vol 5, page 420 (See Consolidated tabulation)	2.	100	Irrigation	Trumble		22 ~~4.0~~ acres in NE¼ NW¼ 27 ~~30.0~~ acres in NW¼ NW¼ ~~20.0~~ acres in SW¼ NW¼ Sec. 1, T. 40 S. R. 8 W. W. M. 25 ~~20.0~~ acres in SW¼ SW¼ 26.0 acres in SE¼ SW¼ Sec. 36, T. 39 S. R. 8 W. W. M.
~~7125 (See Vol 5, P.397)~~ 36820* ~~36147~~ ~~7157 (See Vol 5, P.399)~~ ~~36148~~ Frank O. Meeker & L. A. Burnett, Holland, Ore.	1868 * T-3197 Δ PoD C49702	0.79	39½	Irrigation	Seyferth		18.5 acres in NE¼ NE¼ 7125 16.0 acres in NW¼ NE¼ 7157 2.0 acres in SW¼ NE¼ 3.0 acres in SE¼ NE¼ 7125 Sec. 33, T. 39 S. R. 7 W. W. M.
7144 50158, 60015 Ed. McCann, Kerby, Ore.	1875	1.00	49	Irrigation	Gates-McC[illegible]		27.0 acres in NW¼NW¼

Permit: S 4285
Volume: 8
Strm: SUCKER CR
Trib: E FK ILLINOIS R
Priority: 11/01/19
70 - 8 - 1

See attached



Application No. 6848
Permit No. 4285

County:	JOSEPHINE
Transfer:	9072
Certificate:	7148,63788
Priority Date:	12/31/1872,11/01/1919
Name:	AMOS & NORMA VAHRENWALD
Address:	4091 HOLLAND LOOP ROAD; CAVE JUNCTION, OR 97523
Change:	POU/POD
Source:	SUCKER CREEK
Authorized **POU**:	T40S R8W 1
Proposed **POU**:	T40S R8W 1
Authorized **POD**:	T39S R7W 31
Proposed **POD**:	T40S R8W 1

Oregon
John A. Kitzhaber, M.D., Governor

Water Resources Department
Commerce Building
158 12th Street NE
Salem, OR 97301-4172
(503) 378-3739
FAX (503) 378-8130
www.wrd.state.or.us

April 5, 2002

Todd Confer
Oregon Department of Fish and Wildlife
P O Box 642
Gold Beach, OR 97444

Reference: Transfer # **9072**

Enclosed for your review is a copy of a water right transfer application from **Sucker Creek,** tributary of **East Fork Illinois River**.

Consistent with the Oregon Plan, we are soliciting your input on whether the proposed transfer would injure an instream water right or any other water right in which ODFW has an interest. If you believe that the transfer would injure a water right, please describe the nature of the injury and provide any supporting information which you have available.

ORS 540.525 and 540.532 require that we consult with you to determine if a fish screen or by-pass device should be required in conjunction with a permanent or historic change in a point of diversion. If you request a fish screen or by-pass device , we will include such a condition in the transfer order and the applicant will be eligible to participate in ODFW's cost sharing program for screening and by-pass devices.

We must receive your response in our Grants Pass office

Attention: Teresa Vonn
Water Resources Department
942 SW 6th Street, Suite E
GRANTS PASS OR 97526

by May 7, 2002 in order to consider it in our decision on the application and to include the appropriate conditions in any approval order. We will presume that you do not have comments and do not intend to request fish screens or by-pass devices if we do not receive a response.

If you have questions, please call (541)471-2886 ext 228.

Enclosure

cc: Wm # **14**, Bruce Sund
Applicant

Oregon
John A. Kitzhaber, M.D., Governor

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April 5, 2002

Amos & Norma Vahrenwald
4091 Holland Loop Road
Cave Junction, OR 97523

REFERENCE: Transfer 9072

On **03/27/2002** we received your water right transfer application requesting **a change in Place of Use and Point of Diversion** for use of water from **Sucker Creek**. The fees for this application have been waived.

By copy of this letter, we are asking the Watermaster for his usual report regarding the potential for injury to existing water rights which may be caused by the change.

Your application will be examined to determine if additional information is needed. You will be contacted following this examination. If you have a specific reason why your application should be examined ahead of other applications, please send us a letter describing your reason. We may be able to examine your application ahead of others.

You may not use water for the new use, in the new place of use or from the new point of diversion until the transfer application has been approved. In order to avoid any possible forfeiture of the water right, you should continue to use the water as described by your existing water right. If the land is sold before the transfer is approved, you will need to obtain consent from the buyer to complete the transfer.

We will notify you if additional information or corrections to the application or map are required.

If you have any questions, please call the Transfer Section, (503) 378-3739.

cc: Watermaster #14, Bruce Sund
CWRE #152, Harold Center
Ground Water Section
Vic Conrad

enclosure

TRANSFER CHECK OFF LIST

TRANSFER FILE # 9072
DATE RECEIVED 3-27-02
DATE MONEY SLIPPED waived
DATE RECEIPTED 3-27-02
VALID WATER RIGHT? X Yes ____ No
TEMP ALT AC ____ (Greg) **IRR DIST** ____ (Greg) **PERM AMEND** ____ (Kelly) **DIV 15** X (Bernie Assigns)
TEMP Div 15 ____ (Bernie) **ISWR** Bernie **COPIES TO LIAISON** ____

LETTER FROM ATTORNEY ____ YES **(PUT INFO ON FRONT COVER)** X NO

FOLDER FILLED OUT* ✓
INDEX CARD ✓
ENTERED IN DB ✓
TYPE BLACK BOOK ✓ (And color code)
RECORD MONEY/RECEIPT # ✓
CONTENTS MARKED ✓
COLOR CODED ✓ Yes
4 COPIES MADE & STAMPED ✓

CERTIFICATE MARKED ✓
CERTIFICATE COPIED ✓
PULL APPLICATIONS ✓
APP FOLDER MARKED ✓
FINAL PROOF MAP COPIED ✓
PERMIT MARKED /
PERMIT COPIED /
PERMIT MAP COPIED /
DECREE MARKED ✓
DECREE COPIED ✓
ADJUDICATION MAP COPIED ✓

ENTRIES CHECKED ____ CHECKED BY ____ INIT FOLDER ____
PUBLIC NOTICE DATE 4-9-02 (PREPARED & COPIED) ✓
LETTER SENT ✓ Irrigation District X (copy of app & map)
COPY TO WM ✓
BLUE FORM TO WM ✓ **Orange Perm Amend/Yellow Temp/Grn Dist/Lav Alt Acr/pink**
COPY TO GW ✓ POA, APOA, or [SW TO GW ONLY(as POD)]
BLUE FORM TO GW ✓ **Orange Perm Amend/Yellow Temp/Grn Dist/Lav Alt Acr/pink**
COPY TO CWRE ✓
LETTER TO ODFW ✓ ALL Surface water POU/USE (POD and APOD FISH SCREENS)
TRANSFER SENT TO: ✓ (SW) -- NCR -- SCR -- ER

Teresa

***SHRINK DATA IF THERE ARE MANY FILES INVOLVED AND GLUE TO FOLDER**