

T - 9071

T - 9071

Name Patsy A. Wargin

By _____

Address 4295 Holland loop Road
Cave Junction, OR 97523

Change in POA SW → GW

Date filed 3-27-02

Date of hearing _____

Place of hearing _____

Date of order 1-2-03 Vol. 57, page 6

Date for application of water _____

Proof mailed _____

Proof received FPD 6/15/2006

Certificate issued NOV 15 2013 Vol. _____, page 88548
88549

RR Cert 79836

DESCRIPTION OF WATER RIGHT

Name of stream Sucker CR/

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

Certificate cancelled _____

Notation made on record by _____

FEES PAID

Date	Amount	Receipt No.
<u>4-1-02</u>	<u>Fee waived</u>	
<u>ext of time 8-26-04</u>	<u>250.00</u>	<u>69635</u>
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

Ext. of Time - V.6 p. 519 (9-20-04)

Mailing List for Transfer Certificate

Application: T-9071

Certificates: 88548 & 88549

Certificate/Transfer Holder: (include copy of map)

PATSY A WARGIN
4295 HOLLAND LOOP RD ✓
CAVE JUNCTION OR 97523

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))

HAROLD CENTER, CWRE ✓

Record Marking(s):

1. Old Certificate# 7148
2. OLD APP S-6848 ✓
3. Old Certificate# 63788

Copies Mailed
By: SH (SUPPORT STAFF)
on: NOV 15 2013 (DATE)



Oregon

John E. Hatfield, MD, Governor

Water Resources Department

North Mall Office Building

725 Summer Street NE, Suite A

Salmon, OR 97301-1271

503-986-0900

FAX 503-986-0901

Date Mailed: NOV 15 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.

STATE OF OREGON
 COUNTY OF JOSEPHINE
 CERTIFICATE OF WATER RIGHT

THIS CERTIFICATE ISSUED TO

PATSY A WARGIN
 4295 HOLLAND LOOP RD
 CAVE JUNCTION OR 97523

confirms the right to use the waters of SUCKER CREEK, a tributary of EAST FORK ILLINOIS RIVER, for IRRIGATION of 5.04 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 Volume 1, at Page 253, and Volume 5, at Page 398. The date of priority is 1872.

The amount of water to which this right is entitled is limited to an amount actually used beneficially, and shall not exceed 0.10 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.

The points of diversion (wells) are located as follows:

Twp	Rng	Mer	Sec	Q-Q	Measured Distances
40 S	8 W	WM	1	NE NW	WELL 1 (L-41845) - 126.47 FEET NORTH AND 79.83 FEET WEST FROM NW CORNER, DLC 46
40 S	8 W	WM	1	NE NW	WELL 2 (L-45122) - 261.47 FEET NORTH AND 641.25 FEET EAST 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	5.04

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

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.

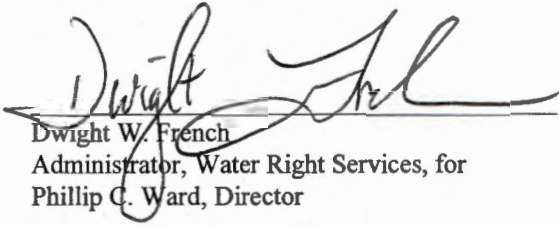
This certificate is issued to confirm a CHANGE IN POINT OF DIVERSION approved by an order of the Water Resources Director entered JANUARY 2, 2003, at Special Order Volume 57, Page 6, approving Transfer Application 9071, and together with Certificate 79836, supersedes Certificate 7148, State Record of Water Right Certificates.

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.

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.

Issued NOV 15 2013



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

STATE OF OREGON

COUNTY OF JOSEPHINE

CERTIFICATE OF WATER RIGHT

THIS CERTIFICATE ISSUED TO

PATSY A WARGIN
 4295 HOLLAND LOOP RD
 CAVE JUNCTION OR 97523

confirms the right to use the waters of SUCKER CREEK, tributary to EAST FORK ILLINOIS RIVER for SUPPLEMENTAL IRRIGATION of 5.04 ACRES.

This right was perfected under Permit S-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 0.07 CUBIC FOOT PER SECOND, or its equivalent in case of rotation, measured at the point of diversion.

The points of diversion (wells) are located as follows:

Twp	Rng	Mer	Sec	Q-Q	Measured Distances
40 S	8 W	WM	1	NE NW	WELL 1 (L-41845) - 126.47 FEET NORTH AND 79.83 FEET WEST FROM NW CORNER, DLC 46
40 S	8 W	WM	1	NE NW	WELL 2 (L-45122) - 261.47 FEET NORTH AND 641.25 FEET EAST 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:

Twp	Rng	Mer	Sec	Q-Q	Acres
40 S	8 W	WM	1	NE NW	5.04

The quantity of water diverted at the new points of diversion (wells), 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.

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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.

Issued NOV 15 2013



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

T-9071

FINAL PROOF MAP
NE1/4NW1/4 Section 1, T. 40 S., R. 8 W., W.M.
Josephine County, Oregon
For
Patsy A. Wargin
4295 Holland Loop Road
Cave Junction, OR. 97523

Points of Diversion

Well No. 1- L41845; 126.47 ft. North and 79.83 ft. West
from Northwest Corner DLC No. 46.

Well No. 2 - L45122; 261.47 Ft. North and 641.25 ft. East
from Northwest corner DLC No. 46.


LEGEND

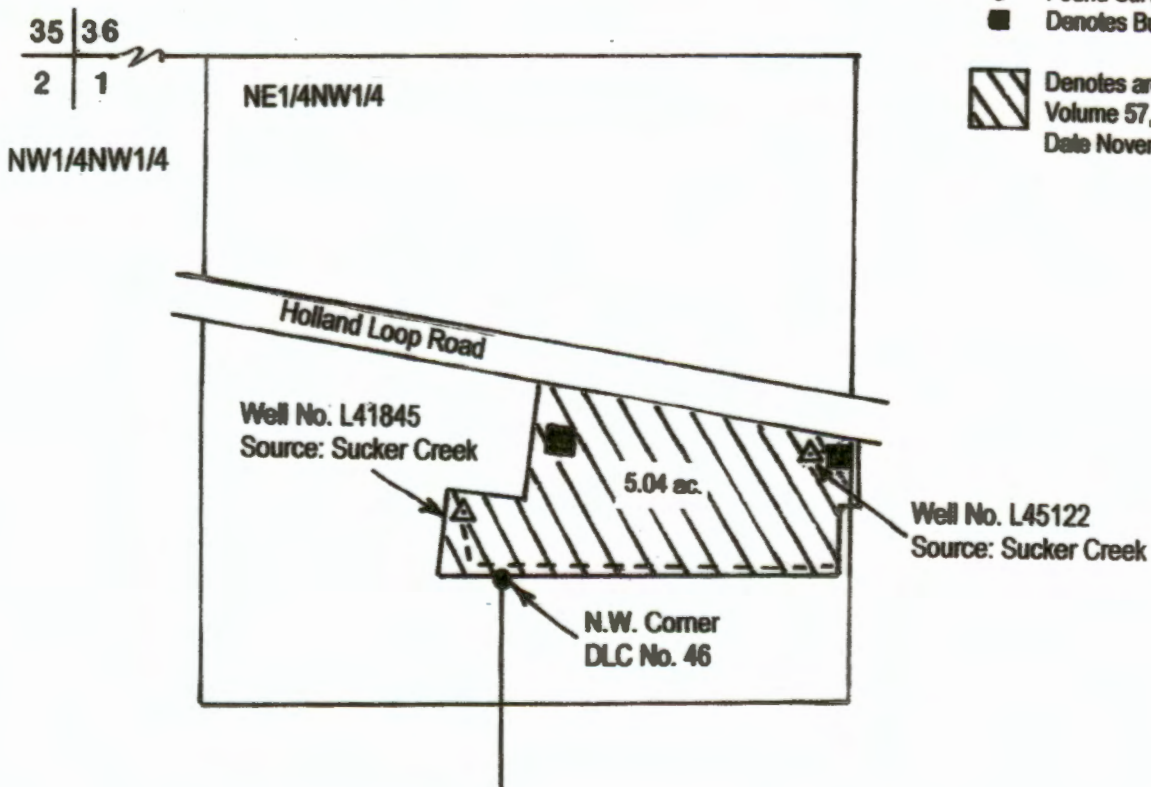


Date: May 15, 2006 Revised 7/14/2011

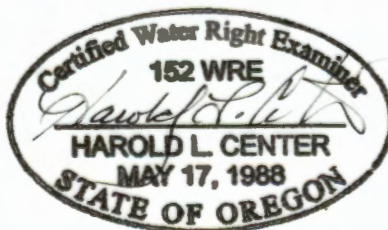
Scale: 1" = 400'

-  Found Survey Monument
-  Denotes Building

 Denotes area under Special Order
Volume 57, Pages 6-9, Priority
Date November 1, 1919.



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, 12/31/11



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.

RECEIVED

JUL 20 2011

WATER RESOURCES DEPT
SALEM, OREGON

STATE OF OREGON

COUNTY OF JOSEPHINE

CERTIFICATE OF WATER RIGHT

THIS CERTIFICATE ISSUED TO

PATSY A WARGIN
4295 HOLLAND LOOP RD
CAVE JUNCTION OR 97523

confirms the right to use the waters of SUCKER CREEK, a tributary of EAST FORK ILLINOIS RIVER, for IRRIGATION of 5.04 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 Volume 1, at Page 253, and Volume 5, at Page 398. The date of priority is 1872.

The amount of water to which this right is entitled is limited to an amount actually used beneficially, and shall not exceed 0.10 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.

The points of diversion (wells) are located as follows:

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A description of the place of use is as follows:

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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.

This certificate is issued to confirm a CHANGE IN POINT OF DIVERSION approved by an order of the Water Resources Director entered JANUARY 2, 2003, at Special Order Volume 57, Page 6, approving Transfer Application 9071, and together with Certificate 79836, supercedes Certificate 7148, State Record of Water Right Certificates.

NOTICE OF RIGHT TO PETITION FOR RECONSIDERATION OR JUDICIAL REVIEW

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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.

Issued _____.

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

STATE OF OREGON

COUNTY OF JOSEPHINE

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

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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.

Issued _____.

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

MEMO

TO: FILE T-9071

FROM: June 12/13

DATE: 6.19, 2013

RE: DETERMINATION OF PROOF

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

Permit Transfer

FPS 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? No Yes: _____

stamped PROPOSED or assign Cert # P-n/a C-7148 - C-88548
P-5-4285 C-63788 - C-88549

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

Water Organization identified using area of interest tool? No Yes, cc: _____

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

Prepare a mailing list.

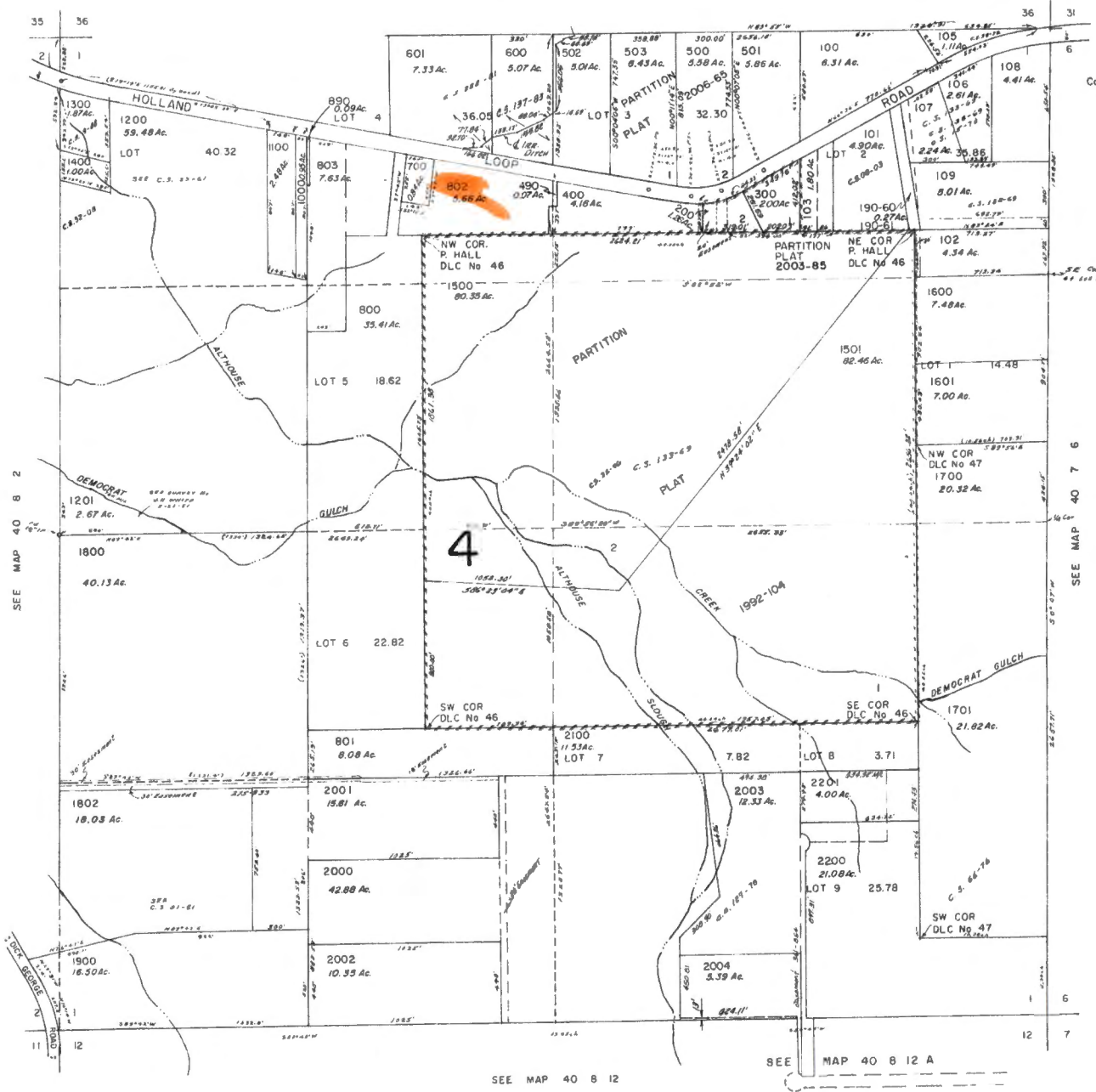
Record marking: App _____ Cert _____

NOTES:

This map was prepared for
assessment purposes only.

1"=400'

SEE MAP 39 8 36



- Cancelled Tax Lots
- 104
 - 190
 - 900
 - 1801
 - 1890
 - 2090
 - 2290
 - 2291
 - 2292
 - 390
 - 891
 - 1803

SEE MAP 40 8 2

SEE MAP 40 7 6

SEE MAP 40 8 12

SEE MAP 40 8 12 A

R331473 - WARGIN, PATSY A

MAPNUMX: 4008010000080200

MAPNUM: 40080100000802

ACCOUNT: R331473

TWN: 40

RNG: 08

SEC: 01

QQ: 00

TAXLOT: 000802

TL: 000802

TYPE: 00

NAME: WARGIN, PATSY A

ADDRESS: 4295 HOLLAND LOOP RD

ADDR1: 4295 HOLLAND LOOP RD

CITY: CAVE JUNCTION

STATE: OR

ZIP: 97523-9695

CSZ: CAVE JUNCTION, OR 97523-9695

Pump Capacity Calculator

using Department designed formula:

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

Efficiency:

Centrifugal = 6.61

Turbine = 7.04

Data Entry (fill in underlined blanks)

HP = 15
Efficiency = 7.04
Lift = 114.9
PSI = 35

Results Calculated

$(hp)(\text{efficiency}) = 105.6$
Head based on psi = 88.9
Total dynamic head = 203.8
(head + lift)

Pump Capacity = 0.518 cubic feet per second

Pump Capacity Calculator

using Department designed formula:

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

Efficiency:

Centrifugal = 6.61

Turbine = 7.04

Data Entry (fill in underlined blanks)

HP = 0.75
Efficiency = 7.04
Lift = 86
PSI = 40

Results Calculated

$(hp)(\text{efficiency}) = 5.28$
Head based on psi = 101.6
Total dynamic head = 187.6
(head + lift)

Pump Capacity = 0.028 cubic feet per second

Sprinkler Capacity Calculator

Data Entry (fill in underlined blanks)

Sprinkler group 1 Nozzle size = 5/32 inch (type an apostrophe before the size)
 Pressure = 40 PSI
 Number of heads = 4

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

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

Results calculated

Sprinkler group 1 capacity =	17.6 gpm, or	0.039 cfs
Sprinkler group 2 capacity =	0 gpm, or	0.000 cfs
Sprinkler group 3 capacity =	0 gpm, or	0.000 cfs
Total sprinkler capacity =	17.6 gpm, or	0.039 cfs

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

Rainbird Nozzle Size Reference

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

STATE OF OREGON

COUNTY OF JOSEPHINE

ORDER APPROVING 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 9071 submitted by

PATSY A. WARGIN
4295 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 5.04 ACRES. The amount of water to which this right is entitled is limited to an amount actually beneficially used and shall not exceed 0.10 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

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.

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:

NE¼ NW¼ 5.04 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 5.04 ACRES. The amount of water to which this right is entitled is limited to an amount actually beneficially used and shall not exceed 0.07 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:

NE $\frac{1}{4}$ NW $\frac{1}{4}$ 5.04 ACRES
SECTION 1

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

The applicant proposes to change the point of diversion to wells located:

WELL 1 (WELL LOG# 41845) - NE $\frac{1}{4}$ NW $\frac{1}{4}$, 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.

WELL 2 (WELL LOG #45122) - NE $\frac{1}{4}$ NW $\frac{1}{4}$, SECTION 1, T 40 S, R 8 W, W.M.; 261.47 FEET NORTH AND 641.25 FEET EAST OF THE NW CORNER OF DLC 46.

An affidavit was received from Patsy Ann Wargin, owner of certain land and the water right appurtenant to it. The landowner requests 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 5.04 ACRES from, SUCKER CREEK, tributary to the ILLINOIS RIVER. The amount used was 0.07 cubic foot per second.

The DIMINISHED portion is located as follows:

NE $\frac{1}{4}$ NW $\frac{1}{4}$ 5.04 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"

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

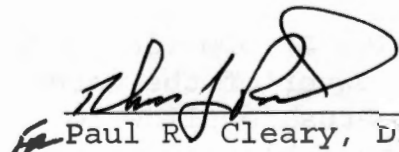
1. The proposed change shall be completed on or before October 1, 2004.
2. The quantity of water diverted at the new point of diversion (well), together with that diverted at the old point of diversion, shall not exceed the quantity of water lawfully available at the original point of diversion.
3. The 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.

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 02 2003 _____.


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 SE $\frac{1}{4}$ 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:

	<u>TRACT 1</u>	<u>TRACT 2</u>
SW $\frac{1}{4}$ SW $\frac{1}{4}$	25.00 ACRES	
SE $\frac{1}{4}$ SW $\frac{1}{4}$	26.00 ACRES	
SW $\frac{1}{4}$ SE $\frac{1}{4}$		2.00 ACRES

SECTION 36

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

NE $\frac{1}{4}$ NW $\frac{1}{4}$	7.00 ACRES	12.00 ACRES
NW $\frac{1}{4}$ NW $\frac{1}{4}$	27.00 ACRES	1.50 ACRES

SECTION 1

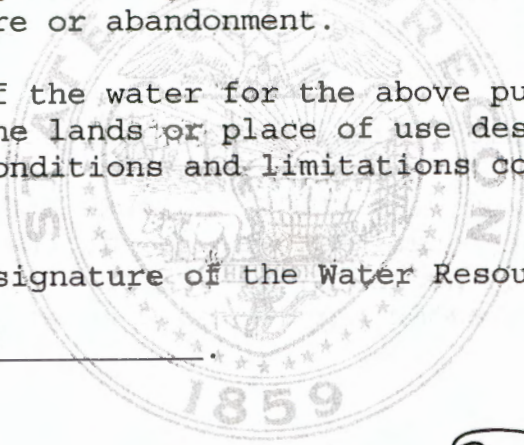
TOWNSHIP 40 SOUTH, RANGE 8 WEST, W.M.

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 02 2003





Paul R. Cleary, Director

Recorded in State Record of Water Right Certificates numbered 79836.

STATE OF OREGON

COUNTY OF JOSEPHINE

CERTIFICATE OF WATER RIGHT

This is to Certify, That H. B. REED (Successor in interest to Sumael 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 & ; that the priority of the right thereby confirmed dates from 1872 for Tract #1; 398 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 NE $\frac{1}{4}$ NW $\frac{1}{4}$, 27 acres in the NW $\frac{1}{4}$ NW $\frac{1}{4}$, Section 1, T. 40 S. R. 8 W. W. M., 25 acres in the SW $\frac{1}{4}$ SW $\frac{1}{4}$, 26 acres in the SE $\frac{1}{4}$ SW $\frac{1}{4}$, Section 26, 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 SE $\frac{1}{4}$ of Sec. 36, T. 39 S. R. 8 W. W. M., under date of 1878.)
- Tract #2: 2 acres in the SW $\frac{1}{4}$ SE $\frac{1}{4}$, Section 36, T. 39 S. R. 8 W. W. M.; 12 acres in the NE $\frac{1}{4}$ NW $\frac{1}{4}$ and 1.5 acres in the NW $\frac{1}{4}$ NW $\frac{1}{4}$, 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, 1927.

RHEA LUPER
State Engineer.

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.

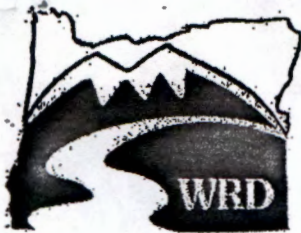
/s/ WILLIAM H. YOUNG
Water Resources Director

Recorded in State Record of Water Right Certificates numbered 63788

T-5312.JW

Completion Checklist for CWRE Claims of Beneficial Use

Application # _____
Permit # _____
Transfer # T-9071
Date _____
Reviewer _____



Date Received 6/15/2006
CWRE Name Harold Center
Claim Logged
File Marked
Oversized Map # _____
Read and attach copy of permit or transfer

Map Review:

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

Report Review:

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

Certificate Issuance Processing Checklist

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

Any Conflicts? _____

Staff Recommendations:

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

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

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

Proposed Actions:

Send letter requesting the following items/information: _____

Send letter recommending extension to cure deficiencies: _____

Can certificate be processed further?

_____ Yes

If "Yes":

_____ Proposed
_____ Final

Certificate # _____

Mailing list:

Proposed:

Final:

CLAIM OF BENEFICIAL USE
For
Patsy A. Wargin
4295 Holland Loop Rd.
Cave Junction, OR 97523

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

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

I. General Information

1. File Information

Application Number (G, R, S or T)	Permit Number (if applicable)
T - 9071	Special Order Volume 57, Page 6

2. Property owner (current owner information)

a. Individuals

Name	Patsy A. Wargin	
Mailing Address	4295 Holland Loop Rd.	
City/State/Zip	Cave Junction, OR 97523	
Phone #	541-592-3849	
Fax #		
e-mail address		

b. Businesses/Organizations

Name		
Contact Person and Title		
Mailing Address		RECEIVED
City/State/Zip		JUN 15 2006
Phone		WATER RESOURCES DEPT
Fax		SALEM, OREGON
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.

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

c. Individuals

	Individual 1	Individual 2
Name	Patsy A. Wargin	
Mailing Address	4295 Holland Loop Rd.	
City/State/Zip	Cave Junction, OR 97523	

d. Businesses/Organizations

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

4. Date of Site Inspection: August 25, 2005

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

Name	Date	Association with the project
Patsy A. Wargin	8/25/05	Landowner

6. County:

7. Tax Lot Information:

Tax map number	Tax lot number
40 8W 01	802

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

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I. Points of Diversion/Appropriation and Place of Use

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

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

Two wells are utilized, Well No. 1 supplies water to westerly four (4) acres. Water is pumped (submersible pump) into mainline along south property line with water applied by "Big Gun". Well No. 2 supplies water to easterly one (1) acre irrigation lawn, landscape vegetation and large garden area to south of residence.

2. 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
Well No. 2		45122

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

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

Source	Tributary to
Wells 1 & 2 hydrologically connected to Sucker Creek.	Sucker Creek/Illinois River

4. Point of diversion/appropriation location:

(DLC, Government Lot, 1/4 1/4, Section, Township, Range)	Reference to a recognized public land survey corner by distance and bearing or by coordinates
NE 1/4 NW 1/4 Sec. 1, T. 40 S., R. 8 W.	126.47 ft North and 79.83 ft West from N.W. corner of DLC 46
NE 1/4 NW 1/4 Sec 1, T. 40 S., R. 8. W.	261.47 ft North and 641.25 ft East from N.W. corner of DLC 46

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

Uses	If irrigation, list crop type	When water is used	Rate for use
Irrigation	Pasture, Hay, Lawn, Garden	Apr. 1 to Oct. 31	0.10 CFS

Total Quantity of Water 0.10 CFS

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

DLC	Gov lot	1/4 1/4	Section	Township	Range	Use	# of primary acres	# of supplemental acres
--	--	NE,NW	1	40S	8W	IRR.	5.04 acres	5.04

Total Acres Irrigated 5.04 Acres

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.-A Pump information

Brand	Model	Serial Number	Type (centrifugal, turbine or submersible)	Intake size	Discharge size	Impeller
Berkeley	6T-155	2366139020	Submersible	3 inch	3 inch	Stainless Steel

2.-A Motor information

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

1.-B Pump information

Brand	Model	Serial Number	Type (centrifugal, turbine or submersible)	Intake size	Discharge size
Aermotor	T-20-75	74289	Submersible	4 inch	1¼ inch

2.-B Motor information

Brand	Model	Horsepower	Max RPM	Voltage
Aermotor	T-20-75	¾ HP	9 Stage	230 V

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

Make	Serial #	Condition (working or not)	Current meter reading	Notes
McCrometer	04-04423-4	Working	136291	Cubic FT X 10

4. Measurement device description N/A

Device description	Condition (working or not)	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
136292	136293	33 Seconds	108.4 gpm

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
1-A	15	35 PSI	See No. 7	200 ft	0.919 CFS
1-B	0.75	40 PSI	See No. 7	46 ft	0.034 CFS

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7. Provide pump calculations in the box below:

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Pump 1-A Submersible Pump:
 21 ft to static water level, 5 feet vertical lift to high point = 26 ft
 Pump Set to 200 ft depth
 $2.54 \times 35^* = 88.9 + 26 = 114.9$ HEAD *Sprinkler operating PSI
 $15 \text{ (HO)} 7.04 \text{ (EFF)} = \frac{105.60}{114.9} = 0.919$ FS (412 gpm)

Berkeley Pump Curve for 6T-155 Submersible operating with 215 HEAD, 15 HP = 190 GPM

Pump 1-B Submersible Pump:
 $\frac{0.75 \times 7.04}{40 + 46 \times 2.54} = \frac{5.28}{156.84} = 0.034$ CFS = 15.11 gpm

Aermotor Pump Chart for T-20-75 Submersible indicates a flow of 20.4 gpm @ 40 PSI/60 ft depth to water.

8. Mainline information

Mainline size	Length	Type of pipe	Buried or above ground
4"	700 ft	PVC	Buried

9. Lateral or handline information

Lateral or handline size	Length	Type of pipe	Buried or above ground
3"	110	ALU	Above Ground

10. Sprinkler information Make and model:

Make	Model	Size	Operating psi	Sprinkler output	Maximum number used	Total sprinkler output
Nelson	F-100	0.90	35	126 GPM	1	126 GPM/0.281 CFS
Rainbird	25	5/32	40	4.4	1-4	4.4 to 17.6 GPM

11. Additional notes or comments related to the system:

III. CONDITIONS

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

1. **Time Limits:**

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

	Dates from permit or transfer final order	Date accomplished	Description of actions taken by water user to comply with the time limits
Begin construction	1/2/03		
Complete construction	10/1/06*	5-05	*Time extension S.O. Vol. 61, Page 519-520
Complete application of water	10/1/06	5-05	

2. Initial Water Level Measurements:

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

a. Was the water user required to submit an initial static water level measurement? YES NO NA

3. Annual Static Water Level Measurements:

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

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

4. Measurement, recording, and reporting conditions:

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

b. Has a meter been installed? YES NO

c. Provide the date the meter was installed:

June, 2004

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

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

Name	Title	Approximate date

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

g. Have the reports been submitted? YES NO N/A

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

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

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5. Fish Screening and/or By-pass Devices

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

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

b. Has the fish screening been installed? YES NO Not Required - Wells

c. When was the fish screening installed? N/A

Date	By whom

d. Is the **total** diversion rate of all rights at the point of diversion less than 0.5 cfs? YES NO

e. If the diversion rate is less than 0.5 cfs, the water user can self certify the fish screen.

f. Has a self certification form been previously submitted to the Department? YES NO

g. If not, is the self certification form attached to this Claim? YES NO

h. Has the by-pass device been installed? YES NO

i. Describe the by-pass device: N/A

When installed	By whom	Approved by ODFW	Description

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

IV. Attachments, Conclusions, Map and Signatures:

All conditions of Special Order Volume 64, Pages 381-384 have been met and Point of Diversion change has been accomplished.

Attachments

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

Attachment name	Description

Permit and Transfer Final Order Rates and System Rates Comparisons:

POD or POA name or #	Maximum rate allowed by permit or transfer final order	Calculated theoretical rate of water based on system	Actual amount of water measured (if measured)	Developed use	# of acres allowed by permit or transfer final order	# of acres developed
Wells 1 & 2	0.10	0.953 CFS	0.281 GPM	Irrigation	5.04 ACRES	5.04 ACRES

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Claim of Beneficial Use Map

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

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

Point of Diversion Coordinate position verified/determined by GPS using Garmin Plus 111 or V handheld unit, Conus Datum/UTM Coordinate system. Josephine County Assessor Aerial Photograph, scale 1"= 400'.

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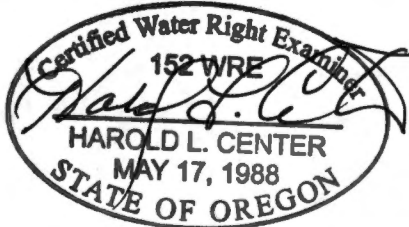
JUN 15 2006

WATER RESOURCES DEPT
SALEM, OREGON

CWRE Statement, Seal and Signature

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

Seal and Signature



CERTIFIED WATER RIGHT EXAMINER

HAROLD L. CENTER
2604 David Lane
Medford, OR 97504
Phone: 541-535-6108
Oregon Certificate No. 152
Certificate Renewal Date: 12/31/07

Permit or Transfer Holders 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.

Signature Patsy A. Wargin Patsy A. Wargin Date 6-6-06

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SALEM, OREGON

FINAL PROOF MAP
NE1/4NW1/4 Section 1, T. 40 S., R. 8 W., W.M.
Josephine County, Oregon
For
Patsy A. Wargin
4295 Holland Loop Road
Cave Junction, OR. 97523

*Superseded by
map received 7/29/11*

Points of Diversion

Well No. 1- L41845; 126.47 ft. North and 79.83 ft. West from Northwest Corner DLC No. 46.


Well No. 2 - L45122; 261.47 Ft. North and 641.25 ft. East from Northwest corner DLC No. 46.

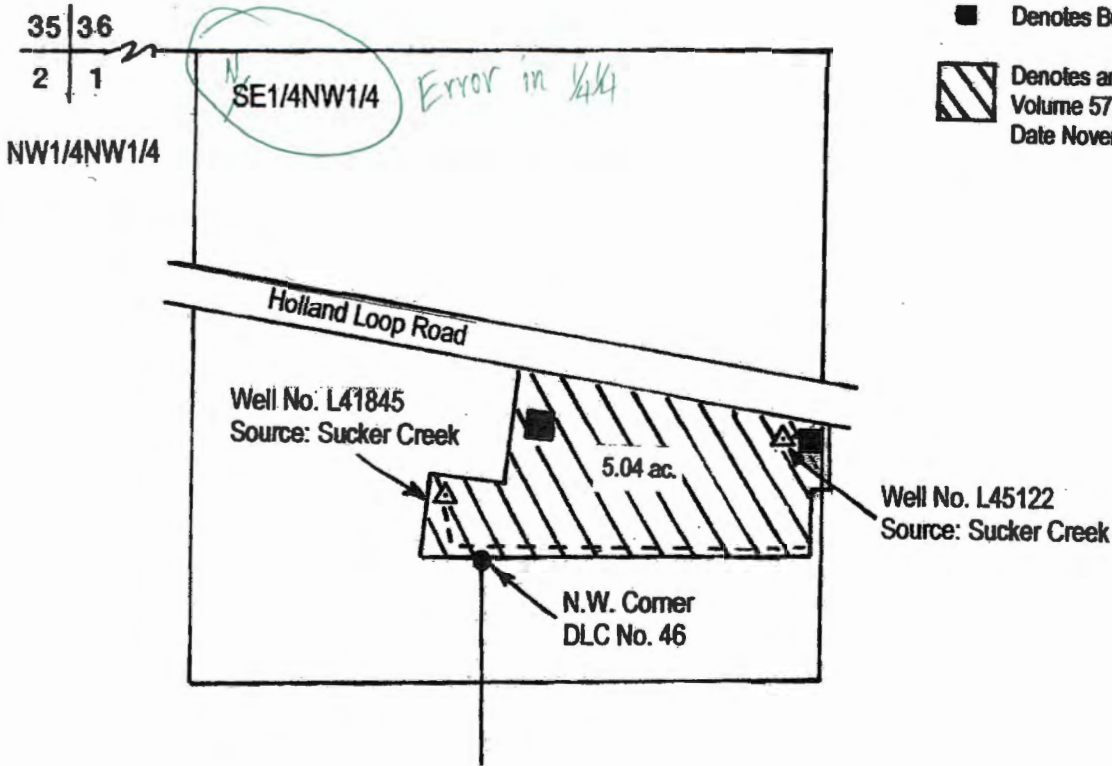
LEGEND



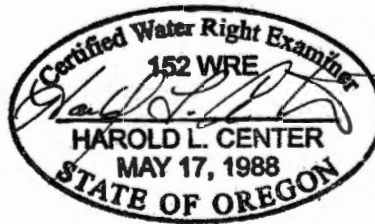
Date: May 15, 2006.
 Scale: 1" = 400'

- Found Survey Monument
- Denotes Building

 Denotes area under Special Order Volume 57, Pages 6-9, Priority Date November 1, 1919.



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, 12/31/07



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.

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WATER RESOURCES DEPT
 SALEM, OREGON

MAP OF WATER RIGHT TRANSFER
SITUATED IN
NE1/4NW1/4 SECTION 1
TOWNSHIP 40 SOUTH, RANGE 8 WEST, W.M.
FOR
PATSY A. WARGIN
4295 HOLLAND LOOP ROAD
CAVE JUNCTION, OR. 97523
DATE - MARCH 14, 2002

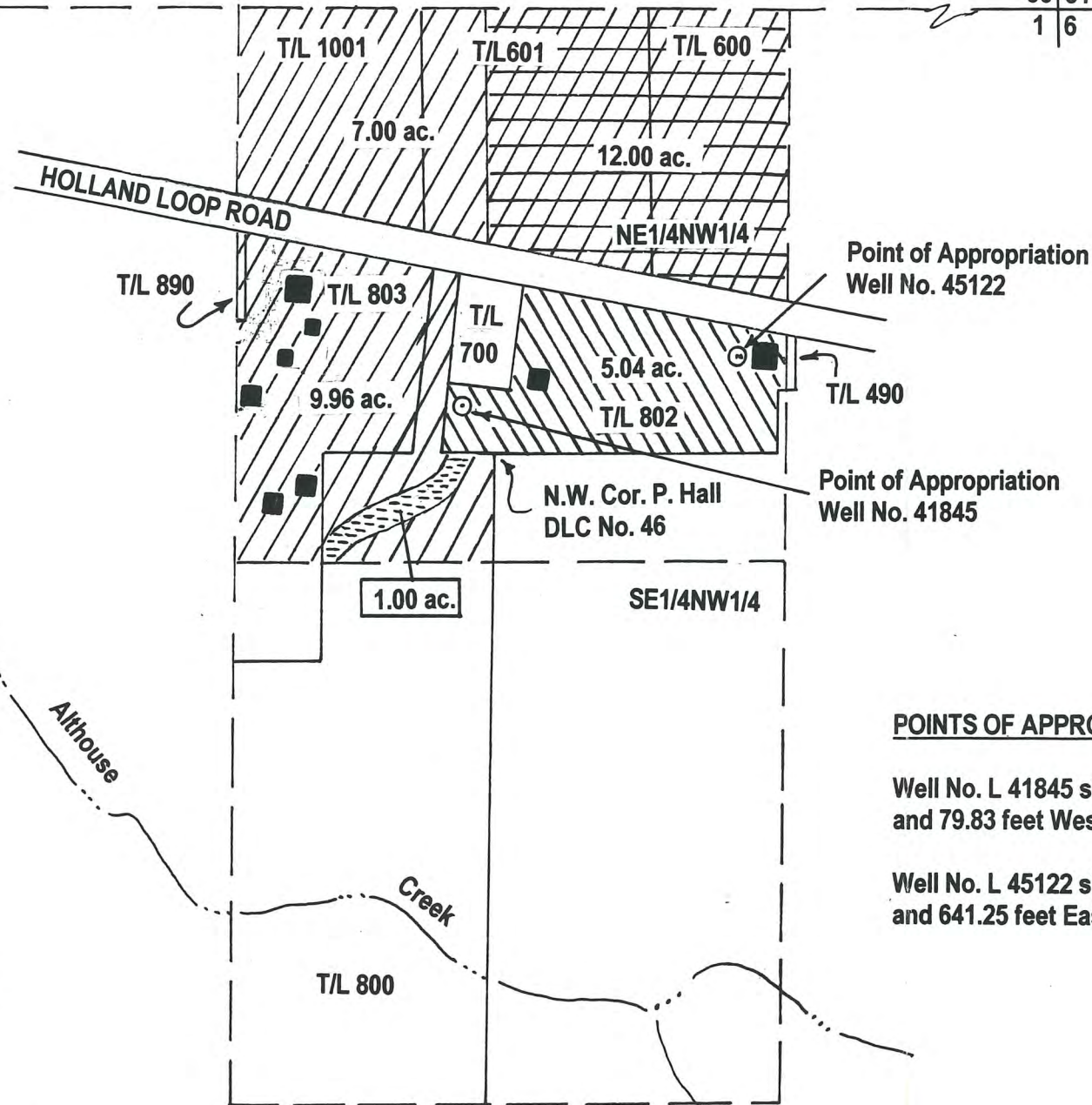
RECEIVED

MAR 27 2002

WATER RESOURCES DEPT.
SALEM, OREGON

R 8 W
T 39 S 35 | 36
T 40 S 2 | 1

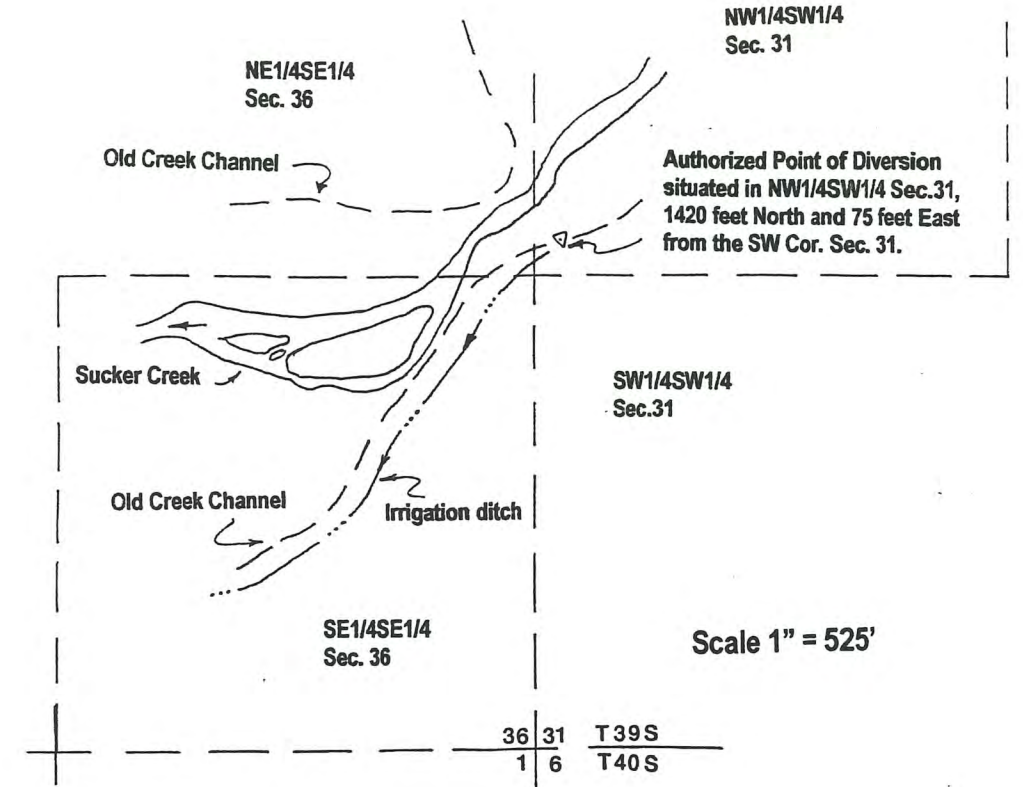
36 | 31 T 39 S
1 | 6 T 40 S



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.



LEGEND

Scale 1" = 400'

- Existing Building or Structure
Location approximate
- Denotes area under Certificate No. 7148
Priority date 1872, Certificate No. 63788,
Priority date 1919, supplemental to prior
right.
- Denotes remaining right area under Certificate
No. 7148, Priority date 1872, Certificate No. 63788
Priority date 1919.
- Denotes remaining right area under Certificate
No. 7148, Priority date 1906.
- Denotes remaining right area under Certificate
No. 63788, Priority date 1919.



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.

T-9071

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

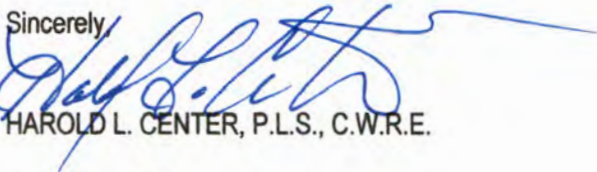
Dorothy Pedersen
Transfer Program Advisor
Oregon Water Resources Department
725 Summer St. NE, Suite A
Salem, OR 97301-1266

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

ORDER AND CERTIFICATE CHECK LIST

RECORD MARKING (Support Staff)

File Folder () ## * T-9071

Permit () ## _____

T-5312

Certificate (X) ## 7148
63788

Trans App Register ()
Trans Name Index ()

Ext. of time

Sp. OR ()
Decree () Vol _____ Page _____ Vol _____ Page _____

COPIES MADE Order () Certificate ()

File () () Data Center () () Watermaster () () Applicant () ()

ISWR Liason () () _____ Water Use Reporting () () _____

CWRE () () 152 - Harold Center I.District () () _____

Other () () Illinois Valley Watershed Council Other () () _____

SEND copy of application map to watermaster _____

LETTER TO:

Applicant () CWRE () _____

I.D. () _____ Other () _____

EMAIL PROCESSOR

NWR () NCR () SWR () SCR () ER ()

ENCLOSURES

Special Order () Vol 60 Page _____ Certificate () _____
() Vol 61 Page 519 () _____
() _____

DATE SIGNED: 9-20-04

FILE SET-UP

File Number	Set - Up Date	For Whom
_____	<u>10-1-05</u>	<u>10-1-06</u>
_____	<u>10-1-06</u>	<u>10-1-07</u>
_____	_____	_____

SEND TO:

Fiscal Section () Other () _____

NOTES: _____

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

In the Matter of Application for Extension) FINAL ORDER APPROVING AN
of Time for Transfer of Water Right) EXTENSION OF TIME
Authorized by T-9071, Josephine County,)
Oregon)

Applicant

Patsy A. Wargin
4295 Holland Loop Road
Cave Junction, OR 97523

Findings of Fact

1. On August 26, 2004, the Department received an application for extension of time for transfer of water right from Patsy A. Wargin.
2. The Water Resources Department issued an order approving Transfer Application T-9071 on January 2, 2003. The order was recorded in Special Order Volume 57, at Page 6. The order set a transfer completion date of October 1, 2004, and the date for submission of a claim of beneficial use as October 1, 2005.
3. The applicant has drilled the well, and installed the pump and flow meter. A portion of the mainline is installed. This is a shared well with Transfer application T-9072.
4. The applicant requested an extension because they are unable to complete development of the requested point of appropriation by the completion date. The applicant needs to install the balance of the mainline and laterals, and acquire sprinkler system to complete the change.

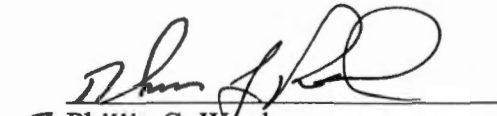
Conclusions of Law

Pursuant to OAR 690-380-6020, the Director of the Water Resources Department concludes the applicant has shown reasonable diligence to complete the transfer within the time period established by the order approving Transfer Application T-9071.

Now, therefore, it is ORDERED:

The time for completion of the change in point of appropriation, authorized by T-9071 shall be extended to October 1, 2006.

Dated at Salem, Oregon this 20th day of September 2004


Phillip C. Ward
Acting Director



Oregon

Theodore R. Kulongoski, Governor

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

September 22, 2004

Patsy A. Wargin
4295 Holland Loop Road
Cave Junction, Oregon 97523

REFERENCE: Transfer 9071

We have received your application for extension of the time limit to make complete application of water under Transfer 9071. We also have your check in the amount of \$250.00. Our receipt number 69635 is enclosed.

The application indicates reasonable diligence toward completion of the proposed project. The time limit to make complete application of water is extended to October 1, 2006. The order approving the extension was entered September 20, 2004, at Volume 61, Page 519.

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

Sincerely,

Sarah Henderson

for Doug Parrow
Natural Resource Specialist

DP:sh

enclosure

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

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

In the Matter of Application for Extension)
of Time for Transfer of Water Right)
Authorized by T-9071, Josephine County,)
Oregon)

FINAL ORDER APPROVING AN
EXTENSION OF TIME

Applicant

Patsy A. Wargin
4295 Holland Loop Road
Cave Junction, OR 97523

Findings of Fact

1. On August 26, 2004, the Department received an application for extension of time for transfer of water right from Patsy A. Wargin.
2. The Water Resources Department issued an order approving Transfer Application T-9071 on January 2, 2003. The order was recorded in Special Order Volume 57, at Page 6. The order set a transfer completion date of October 1, 2004, and the date for submission of a claim of beneficial use as October 1, 2005.
3. The applicant has drilled the well, and installed the pump and flow meter. A portion of the mainline is installed. This is a shared well with Transfer application T-9072.
4. The applicant requested an extension because they are unable to complete development of the requested point of appropriation by the completion date. The applicant needs to install the balance of the mainline and laterals, and acquire sprinkler system to complete the change.

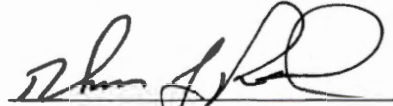
Conclusions of Law

Pursuant to OAR 690-380-6020, the Director of the Water Resources Department concludes the applicant has shown reasonable diligence to complete the transfer within the time period established by the order approving Transfer Application T-9071.

Now, therefore, it is ORDERED:

The time for completion of the change in point of appropriation, authorized by T-9071 shall be extended to October 1, 2006.

Dated at Salem, Oregon this 20th day of September 2004


Phillip C. Ward
Acting Director



Transfer T-9071

APPLICATION FOR EXTENSION OF TIME FOR TRANSFER OF WATER RIGHT

A summary of review criteria and procedures that are generally applicable to these applications is available at www.wrd.state.or.us/publication/reports/index.shtml.

To the WATER RESOURCES DIRECTOR OF OREGON:

I/We, PATSY A. WARGIN
(Name of Applicant)
of 4295 HOLLAND LOOP ROAD, CAVE Junction,
(Mailing Address) (City)
state of OREGON, 97523, 541-592-3849,
(Zip Code) (Phone Number)

do hereby make application for an extension of time within which to complete a change in:

point of diversion/appropriation place of use character of use
of water under the terms of an order of the Water Resources Director entered on JAN 2, 2003,
approving Transfer T-9071, in the name of PATSY A. WARGIN,
for 4295 HOLLAND LOOP ROAD, CAVE Junction, OR. 97523

(Give location of your property, as shown on the order approving the transfer)

THE FOLLOWING HAS BEEN accomplished toward completion of the change within the time allowed, which expired on October 1, 2004:

WELL HAS BEEN DRILLED, PUMP INSTALLED, FLOW METER
AND PORTION OF MAINLINE INSTALLED. (NOTE THIS IS A SHARED WELL WITH
T-9072) Need Additional time to complete install of Mainline & Laterals
(If for irrigation, how many acres total are now irrigated) & ACQUIRE HARDWARE

TO FULLY COMPLETE the change, it will be necessary to accomplish the following:

INSTALL BALANCE OF MAINLINE AND LATERALS, ACQUIRE
SPRINKLER SYSTEM (Prior IRRIGATION BY FLOOD), APPLY WATER

I AM UNABLE TO COMPLETE the change under the terms of the order, within the time allowed, because NEED TO FINISH INSTALLING SYSTEM AS DESCRIBED ABOVE.

And request that the time for completion be extended to October 1, 2006.

x Patsy A. Wargin
(Signature of applicant)

In order for an application to be complete, it must be accompanied by the required fee. See the Department's fee schedule at www.wrd.state.or.us or call (503) 986-0900.

MAIL COMPLETED APPLICATION AND FEE TO:

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

RECEIVED

AUG 26 2004

WATER RESOURCES DEPT

TRANSFER EXTENSION OF TIME CHECKLIST

FILE DOCUMENT - FOR OFFICE USE ONLY

TRANSFER

Date

1. What area or change was anticipated by applicant at the time the transfer was approve?

A:

2. What steps has the applicant completed to date?

A:

3. Is the applicant currently meeting all conditions of the right and transfer?

A:

4. What is the current use of water under the transfer?

A:

5. What percent of the total change does the current use represent?

A:

6. Have there been any unforeseen events (over which the applicant has no control) which could reasonably have delayed development under the transfer?

A:

7. If the extension request is denied, is the current level of water use under transfer economically feasible?

A:

8. Is there an alternate source of water available at this time?

A:

9. Have there been claims of injury to other water right holders or water users?

A:

10. Special Requests?

A:

11. Any previous extensions of time? If so, any special conditions?

A:

12. Staff Recommendation: Approve _____ Deny _____

13. Discussion:

14. Approved _____ Denied _____

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 & ; that the priority of the right thereby confirmed dates from 1872 for Tract #1; 398 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:

Handwritten notes: 0.02, 1872, 21, 100 ac

Tract #1: 22 acres in the NE1/4NW1/4, 27 acres in the NW1/4NW1/4, Section 1, T. 40 S. R. 8 W. W. M., 25 acres in the SW1/4SW1/4, 26 acres in the SE1/4SW1/4, Section 26, 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 SE1/4 of Sec. 36, T. 39 S. R. 8 W. W. M., under date of 1878.)

Tract #2: 2 acres in the SW1/4SE1/4, Section 36, T. 39 S. R. 8 W. W. M.; 12 acres in the NE1/4NW1/4 and 1.5 acres in the NW1/4NW1/4, 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.)

Handwritten notes: 0.19, 15.5

Handwritten table with columns for tract, section, and acreage. Includes entries for Tract #1 (NE1/4NW1/4, NW1/4NW1/4, SW1/4SW1/4, SE1/4SW1/4) and Tract #2 (SW1/4SE1/4, NE1/4NW1/4, NW1/4NW1/4).

Handwritten notes: Tract #1, RR 85 ac, 1.7 cfs

Handwritten notes: T 0.111 (901), 0.2 (902)

Handwritten notes: tract #2 15.5 ac, RR 0.19 cfs

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, 1927.

RHEA LUPER State Engineer.

Handwritten notes: T-9072, T-9071

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

Handwritten notes: #244, Instream Lease #245, 4-1-01/10-31-02

Handwritten note: T-8175

Handwritten initials: VPR



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

Patsy A. Wargin
4295 Holland Loop Road
Cave Junction, Oregon 97523

REFERENCE: File T-9071

Enclosed is a copy of the order approving your water right transfer application T-9071.

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 POINT OF DIVERSION

*& diminish
it is*

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 9071 submitted by

PATSY A. WARGIN
4295 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 5.04 ACRES. The amount of water to which this right is entitled is limited to an amount actually beneficially used and shall not exceed 0.10 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

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.

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:

NE¼ NW¼ 5.04 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 5.04 ACRES. The amount of water to which this right is entitled is limited to an amount actually beneficially used and shall not exceed 0.07 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:

NE $\frac{1}{4}$ NW $\frac{1}{4}$ 5.04 ACRES
SECTION 1

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

The applicant proposes to change the point of diversion to wells located:

WELL 1 (WELL LOG# 41845) - NE $\frac{1}{4}$ NW $\frac{1}{4}$, 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.

WELL 2 (WELL LOG #45122) - NE $\frac{1}{4}$ NW $\frac{1}{4}$, SECTION 1, T 40 S, R 8 W, W.M.; 261.47 FEET NORTH AND 641.25 FEET EAST OF THE NW CORNER OF DLC 46.

An affidavit was received from Patsy Ann Wargin, owner of certain land and the water right appurtenant to it. The landowner requests 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 5.04 ACRES from, SUCKER CREEK, tributary to the ILLINOIS RIVER. The amount used was 0.07 cubic foot per second.

The DIMINISHED portion is located as follows:

NE $\frac{1}{4}$ NW $\frac{1}{4}$ 5.04 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"

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

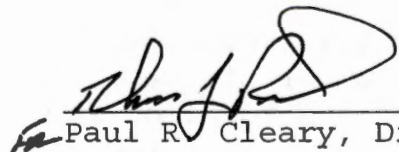
1. The proposed change shall be completed on or before October 1, 2004.
2. The quantity of water diverted at the new point of diversion (well), together with that diverted at the old point of diversion, shall not exceed the quantity of water lawfully available at the original point of diversion.
3. The 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.

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 02 2003 _____.



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 SE $\frac{1}{4}$ 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:

	<u>TRACT 1</u>	<u>TRACT 2</u>
SW $\frac{1}{4}$ SW $\frac{1}{4}$	25.00 ACRES	
SE $\frac{1}{4}$ SW $\frac{1}{4}$	26.00 ACRES	
SW $\frac{1}{4}$ SE $\frac{1}{4}$		2.00 ACRES

SECTION 36

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

NE $\frac{1}{4}$ NW $\frac{1}{4}$	7.00 ACRES	12.00 ACRES
NW $\frac{1}{4}$ NW $\frac{1}{4}$	27.00 ACRES	1.50 ACRES

SECTION 1

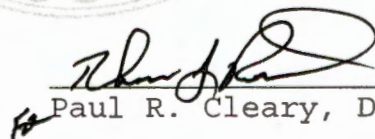
TOWNSHIP 40 SOUTH, RANGE 8 WEST, W.M.

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 02 2003


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 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 9071 submitted by

PATSY A. WARGIN
4295 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 5.04 ACRES. The amount of water to which this right is entitled is limited to an amount actually beneficially used and shall not exceed 0.10 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

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.

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:

NE¼ NW¼ 5.04 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 5.04 ACRES. The amount of water to which this right is entitled is limited to an amount actually beneficially used and shall not exceed 0.07 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:

NE $\frac{1}{4}$ NW $\frac{1}{4}$ 5.04 ACRES
SECTION 1

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

The applicant proposes to change the point of diversion to wells located:

WELL 1 (WELL LOG# 41845) - NE $\frac{1}{4}$ NW $\frac{1}{4}$, 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.

WELL 2 (WELL LOG #45122) - NE $\frac{1}{4}$ NW $\frac{1}{4}$, SECTION 1, T 40 S, R 8 W, W.M.; 261.47 FEET NORTH AND 641.25 FEET EAST OF THE NW CORNER OF DLC 46.

An affidavit was received from Patsy Ann Wargin, owner of certain land and the water right appurtenant to it. The landowner requests 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 5.04 ACRES from, SUCKER CREEK, tributary to the ILLINOIS RIVER. The amount used was 0.07 cubic foot per second.

The DIMINISHED portion is located as follows:

NE $\frac{1}{4}$ NW $\frac{1}{4}$ 5.04 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"

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


1. The proposed change 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.

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 02 2003 _____.


Paul R. Cleary, Director



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

April 11, 2002

Mr. Paul Cleary
Oregon Water Resources Department
158 12th Street, NE
Salem, OR 97301-4172

Dear Mr. Cleary,

We have received copies of the approved Wargin & Vahrenwald Water Rights Transfers (Reference Transfers 9071 & 9072). These were addressed to Vic Conrad at the Illinois Valley Watershed Council. We have no one on the Council by that name. We are, therefore, returning these copies to you.

If you have any questions or need any further information, please feel free to contact me at the above listed phone number.

Sincerely,

Teri Taylor
Office Manager, IVSWCD

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APR 15 2002
WATER RESOURCES DEPT.
SALEM, OREGON



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

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



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

Patsy A. Wargin
4295 Holland Loop Road
Cave Junction, OR 97523

REFERENCE: Transfer 9071

On 03-27-2002 we received your water right transfer application requesting a **change in 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.

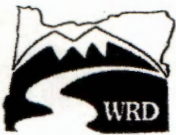
You may not use water for the new use, in the new place of use or from the new point of diversion until the transfer application has been approved. In order to avoid any possible forfeiture of the water right, you should continue to use the water as described by your existing water right. If the land 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



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.

COPY

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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: PATSY A. WARGIN
First Last

Address: 4295 HOLLAND LOOP ROAD
CAVE JUNCTION OR. 97523
City State Zip

Phone: 541-592-3849
Home Work Other

*Fax: - *E-Mail address: -

*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 _____

T-9071

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 1/4 SW 1/4	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 1/4 NW 1/4	802	5.04

CERT 7148
P.O. 1872
Cer 6378
P.O. 1919

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

MAR 27 2002

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

WATER RESOURCES DEPT.
SALEM, OREGON

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 Rd.
By Vineyard Owner. No Longer Able to Convey WATER TO P.O.U.

System capacity (in cfs): 0.063 CFS (28.3 gpm)

T-9071

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. D.L.C 46	NE 1/4 NW 1/4	1	40S	8W
WELL NO. L 45122 SITUATED 261.47 FT NORTH & 641.25 FT EAST NW COR. D.L.C 46	NE 1/4 NW 1/4	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)

Remarks: _____

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SALEM, OREGON

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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

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

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.

T-9071

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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.

Patsy A. Wargin PATSY A. Wargin 3-22-02
applicant signature name (print) date

applicant signature name (print) date

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.

T. 9071

WATER SUPPLY WELL REPORT

(as required by ORS 537.765)

WATER RESOURCES DEPT.
SALEM, OREGON

WELL I.D. # L 45122
START CARD # 136944

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

(1) LAND OWNER
Name Tarsy Wargin
Address 4295 Holland Loop
City Cave Junction State Or Zip 97523

Well Number 136944

(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 _____

IDOLE		SEAL	
Diameter	From To	Material	From To
10"	0 25	Bentonite	0 25
6"	25 80		

How was seal placed: Method A B C D E
 Other Bentonite 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: 6"	0 160	250	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Liner:			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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	Toto/pipe size	Casing	Liner
40	60	3/16 x 6	60			<input checked="" type="checkbox"/>	<input type="checkbox"/>

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

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 W.M.
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	SWI.
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.
Signed _____ 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 Charlie Gill WWC: Number 1504 Date 12-21-00

ORIGINAL - WATER RESOURCES DEPARTMENT FIRST COPY - CONSTRUCTOR SECOND COPY - CUSTOMER

T-9071

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WATER RESOURCES DEPT.
SALEM, OREGON

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

3-27-01

WELL ID. # L 41845
 START CARD # 123435

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

(1) LAND OWNER T.V. Soil & Water Conservation 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 _____

(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			SEAL			Sacks or pounds
Diameter	From	To	Material	From	To	
12	0	18	Pent	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	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Liner:					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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	1/2 x 1	3736	8"		<input checked="" type="checkbox"/>	<input type="checkbox"/>
B)	230	250	45ca	125	8"		<input checked="" type="checkbox"/>	<input type="checkbox"/>
B)	350	370	45ca	125	8"		<input checked="" type="checkbox"/>	<input type="checkbox"/>

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

	Yield gal/min	Drawdown	Drill stem at	Flowing Time
<input type="checkbox"/> Pump <input type="checkbox"/> Bailer <input checked="" type="checkbox"/> Air <input type="checkbox"/> Artesian	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 Stewart 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. ... WWC Number 675 Date 3/9/01

T-9071

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 I.V. Soil & Water Conservation 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 130ft.
 Explosives used Yes No Type 45 cal Amount 250 shots

HOLE		SEAL		Sacks or pounds	
Diameter	From To	Material	From To		
8	18	600 Cement	500	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	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Liner:					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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"		<input checked="" type="checkbox"/>	<input type="checkbox"/>
350	370	45cal	125	8"		<input checked="" type="checkbox"/>	<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>

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

Yield gal/min	Drawdown	Drill stem at	Flowing 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: _____

T-9071

(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. Dunn 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			SEAL			Sacks or pounds
Diameter	From	To	Material	From	To	
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: <u>N/A</u>				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Liner:				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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	1/4" x 1"	3736	8"		<input checked="" type="checkbox"/>	<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>

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

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 892 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			

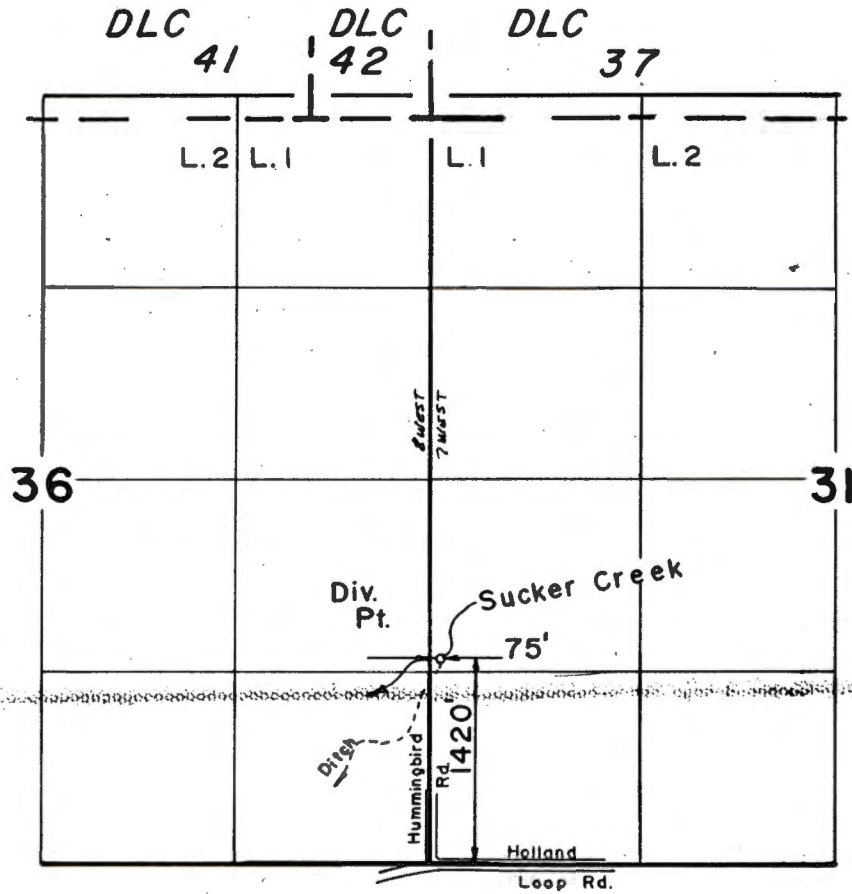
Date started 1-25-01 Completed 2-12-01

(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 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. Deum WWC Number 875 Date 3/9/01

T-9071

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



Scale: 1" = 1320'

FINAL PROOF SURVEY
UNDER

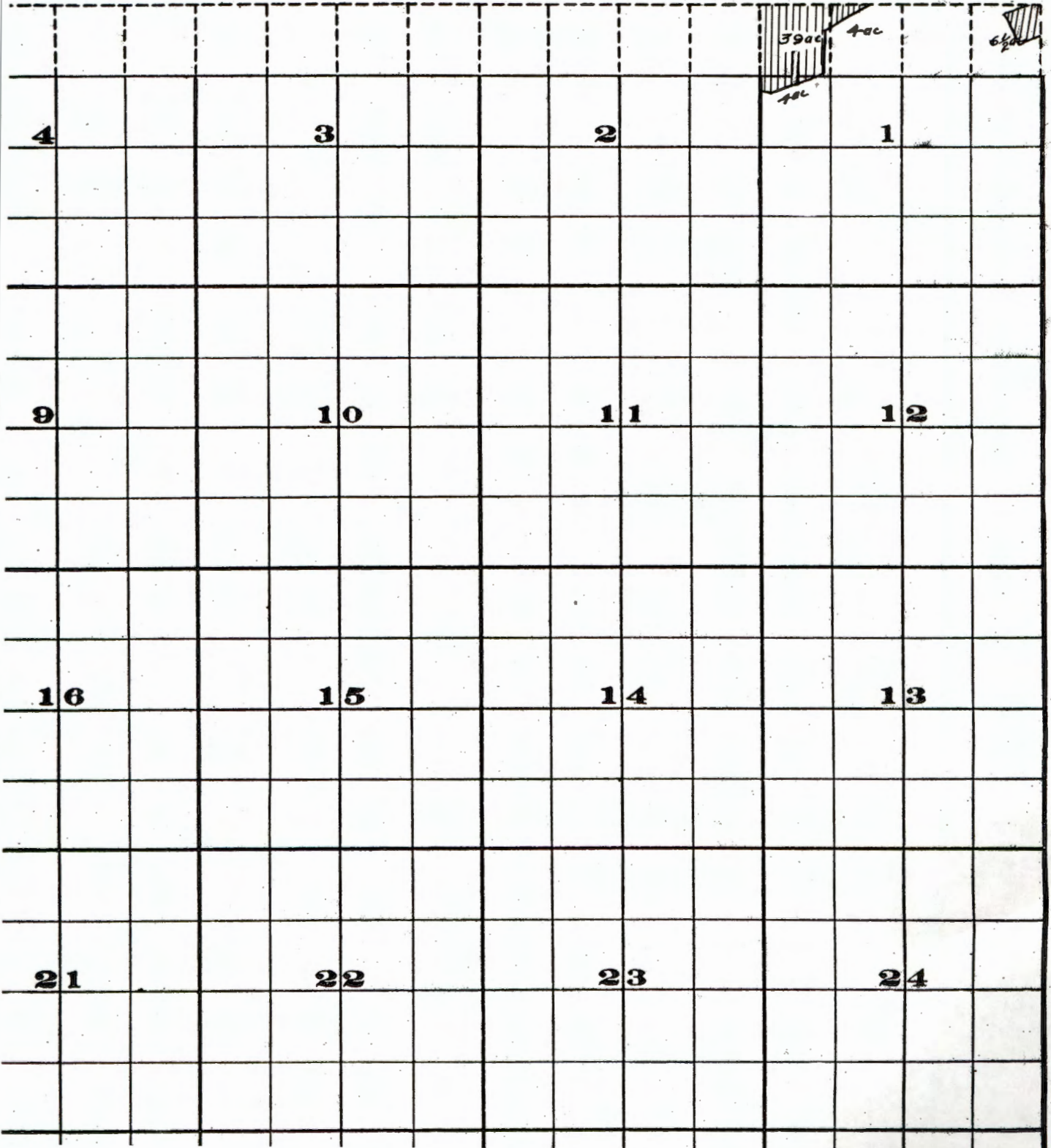
TRANSFER NO. 5312

Application No. Permit No.
IN NAME OF

..... AMOS VAHRENWALD

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

S. _____, Range _____ 8 W. _____.



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 283 & 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 NE 1/4 NW 1/4, 27 acres in the NW 1/4 NW 1/4, Section 1, T. 40 S. R. 8 W. W. M., 25 acres in the SW 1/4 SW 1/4, 26 acres in the SE 1/4 SW 1/4, Section 36, T. 59 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 SE 1/4 of Sec. 36, T. 59 S. R. 8 W. W. M., under date of 1873.)
Tract #2: 2 acres in the SW 1/4 SE 1/4, Section 36, T. 59 S. R. 8 W. W. M.; 12 acres in the NE 1/4 NW 1/4 and 1.5 acres in the NW 1/4 NW 1/4, 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, 1927.

WENA LUPER
State Engineer.

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

T-9072
T-9071

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

T-8175

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:

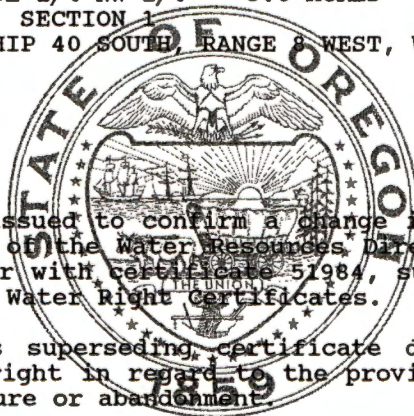
NW 1/4 SW 1/4, SECTION 31, T 39 S, R 7 W, W.M.; 1420 FEET NORTH AND 75 FEET EAST FROM THE SW CORNER OF SECTION 31.

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

7140 (See Vol 5, P. 398)
 J. E. Lewis,
 Holland, Ore.

7140 (See Vol 5, P. 398)
 J. E. Lewis,
 Holland, Ore.

7140 (See Vol 5, P. 398)
 PC 83-7
 Samuel & Hattie Miller,
 Kerby, Ore.
 T-9071
 T-9072

7125 (See Vol 5, P. 397) 36820*
 7127 (See Vol 5, P. 399) 36144
 36148
 Frank O. Meeker &
 L. A. Burnett,
 Holland, Ore.

7144 50158
 60015
 Ed. McCann,
 Kerby, Ore.

Year	Acres	Section	Description	Owner	Notes
1865	2.5	125	Irrigation, domestic & stock	Mill Race Sucker Creek	13.0 acres in SE $\frac{1}{4}$ NE $\frac{1}{4}$ 11.0 acres in NE $\frac{1}{4}$ SE $\frac{1}{4}$ 35.0 acres in NW $\frac{1}{4}$ SE $\frac{1}{4}$ 34.0 acres in SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 31, 18.0 acres in SW $\frac{1}{4}$ NW $\frac{1}{4}$ 14.0 acres in NW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 32, T. 39 S. R. 7 W. W. M.
1875	0.72	36	Irrigation	Lewis	16.0 acres in NE $\frac{1}{4}$ NE $\frac{1}{4}$ 20.0 acres in SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 32, T. 39 S. R. 7 W. W. M.
1876	0.2	10	Irrigation	Gilmore	10.0 acres in NW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 32, T. 39 S. R. 7 W. W. M.
1872	2.	100	Irrigation	Trumble	22 -4.0 acres in NE $\frac{1}{4}$ NW $\frac{1}{4}$ 27 -30.0 acres in NW $\frac{1}{4}$ NW $\frac{1}{4}$ -20.0 acres in SW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 1, T. 40 S. R. 8 W. W. M. 25 -20.0 acres in SW $\frac{1}{4}$ SW $\frac{1}{4}$ 26.0 acres in SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 36, T. 39 S. R. 8 W. W. M.
1868	0.79	39 $\frac{1}{2}$	Irrigation	Seyferth	18.5 acres in NE $\frac{1}{4}$ NE $\frac{1}{4}$ -7125 16.0 acres in NW $\frac{1}{4}$ NE $\frac{1}{4}$ -7157 2.0 acres in SW $\frac{1}{4}$ NE $\frac{1}{4}$ 3.0 acres in SE $\frac{1}{4}$ NE $\frac{1}{4}$ -7125 Sec. 33, T. 39 S. R. 7 W. W. M.
1875	1.00	49	Irrigation	Gates-	27.0 acres in NW $\frac{1}{4}$ NW $\frac{1}{4}$

Ch. in pt. of div. -
 Sp. Or. Vol. 8, p. 168

T-8917APOD

see motion recorded Vol 5, page 408
 granted by Circuit Court Vol 5, page 420
 (See Consolidated tabulation)

* T-3197 Δ POD
 C49102

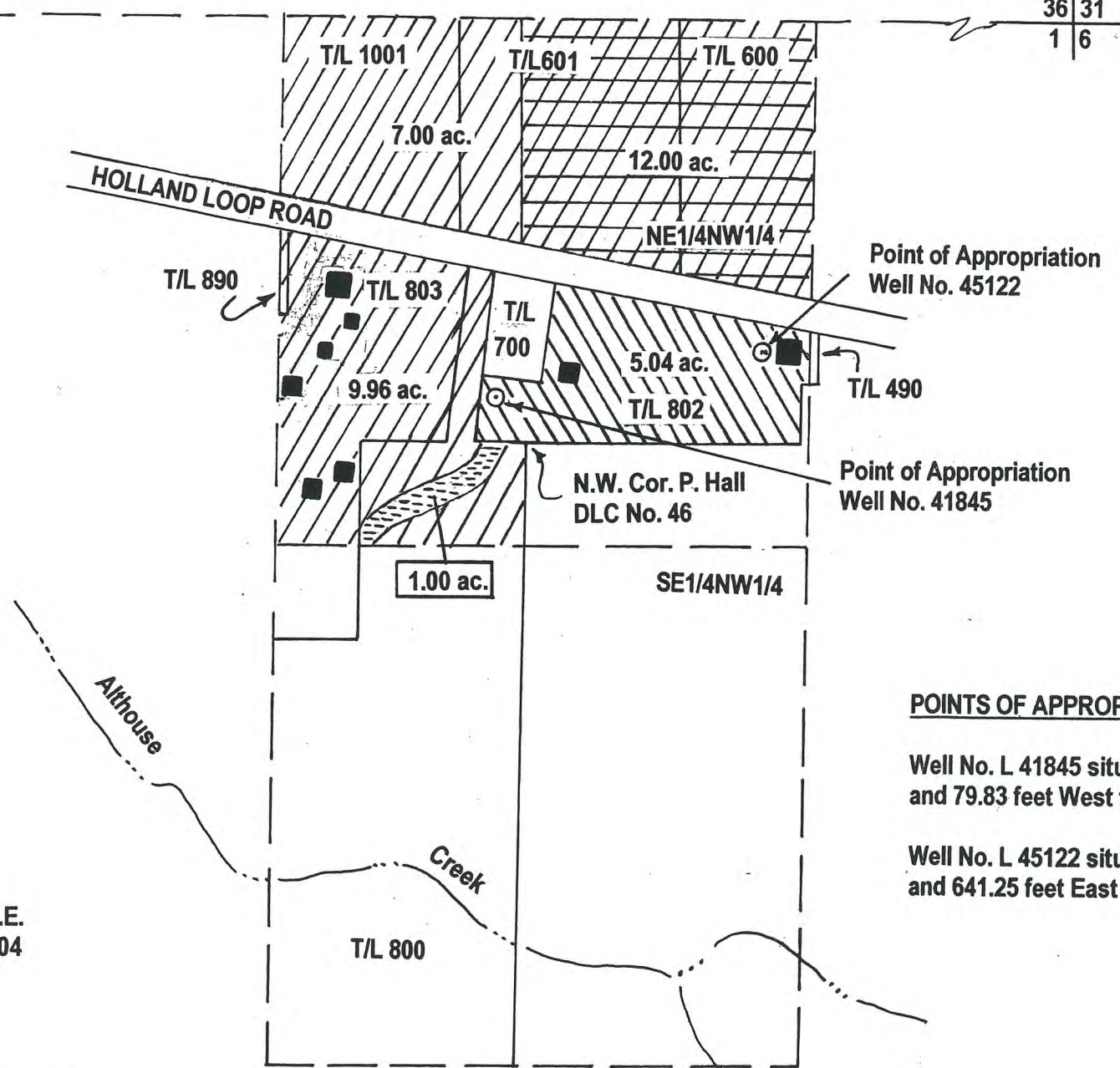
MAP OF WATER RIGHT TRANSFER
SITUATED IN
NE1/4NW1/4 SECTION 1
TOWNSHIP 40 SOUTH, RANGE 8 WEST, W.M.

FOR
PATSY A. WARGIN
4295 HOLLAND LOOP ROAD
CAVE JUNCTION, OR. 97523
DATE - MARCH 14, 2002

RECEIVED
MAR 27 2002
WATER RESOURCES DEPT.
SALEM, OREGON

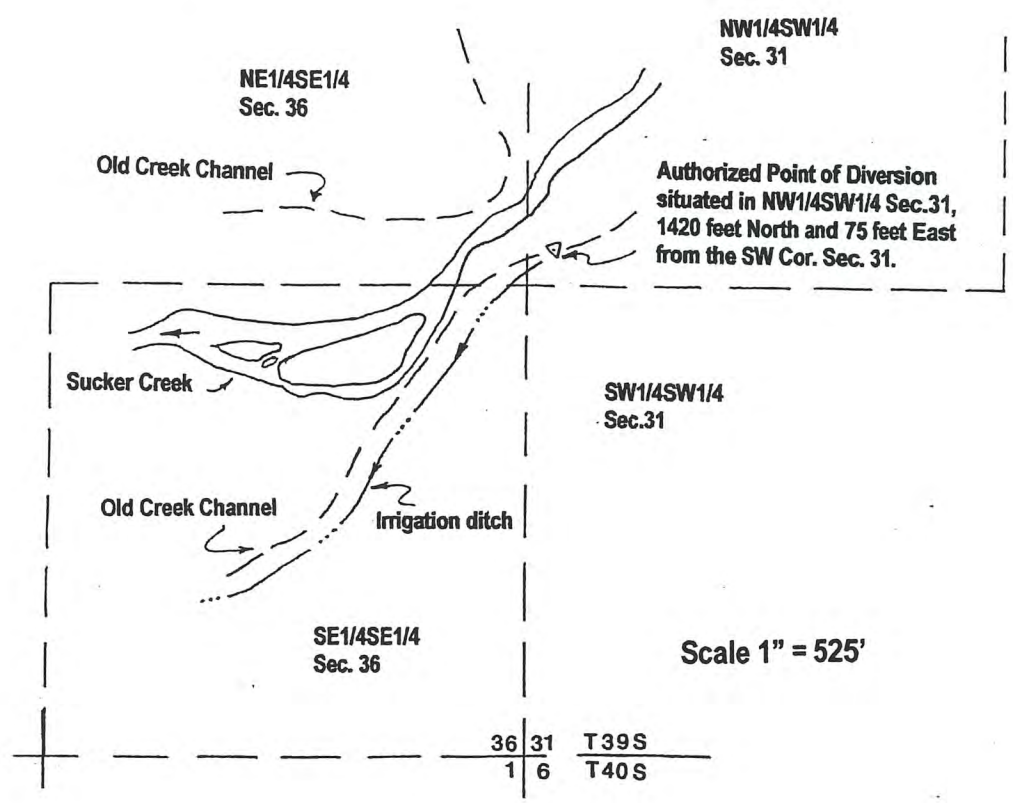
R 8 W
T 39 S 35 36
T 40 S 2 1

36 | 31 T 39 S
1 | 6 T 40 S



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.



LEGEND

- Scale 1" = 400'
- Existing Building or Structure Location approximate
- Denotes area under Certificate No. 7148 Priority date 1872, Certificate No. 63788, Priority date 1919, supplemental to prior right.
- Denotes remaining right area under Certificate No. 7148, Priority date 1872, Certificate No. 63788 Priority date 1919.
- Denotes remaining right area under Certificate No. 7148, Priority date 1906.
- Denotes remaining right area under Certificate No. 63788, Priority date 1919.



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.

T-9071

COPY

T - 9071

Name Patsy A. Wargin

By _____

Address 4295 Holland Loop Road

Cave Junction, OR 97523

Change in POB 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 CR/

Trib. of E. Fork 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 Per. No. D-7148 Cert. No. 7148
T-5312 5-4285 63788

Certificate cancelled _____

Notation made on record by _____

FEES PAID

Date	Amount	Receipt No.
<u>4-1-02</u>	<u>Fee waived</u>	
TOTAL . . .		
	Cert. Fee	

FEES REFUNDED

Date	Amount	Check No.

REMARKS

NOID

CWRE #152/Harold Center

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

Send to: Teresa - SW Reg

Watermaster #: 14

ODFW# 05

GW Yes No

STATE OF OREGON

COUNTY OF JOSEPHINE

ORDER APPROVING 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 9071 submitted by

PATSY A. WARGIN
4295 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 5.04 ACRES. The amount of water to which this right is entitled is limited to an amount actually beneficially used and shall not exceed 0.10 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

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.

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:

NE¼ NW¼ 5.04 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 5.04 ACRES. The amount of water to which this right is entitled is limited to an amount actually beneficially used and shall not exceed 0.07 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:

NE $\frac{1}{4}$ NW $\frac{1}{4}$ 5.04 ACRES
SECTION 1

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

The applicant proposes to change the point of diversion to wells located:

WELL 1 (WELL LOG# 41845) - NE $\frac{1}{4}$ NW $\frac{1}{4}$, 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.

WELL 2 (WELL LOG #45122) - NE $\frac{1}{4}$ NW $\frac{1}{4}$, SECTION 1, T 40 S, R 8 W, W.M.; 261.47 FEET NORTH AND 641.25 FEET EAST OF THE NW CORNER OF DLC 46.

An affidavit was received from Patsy Ann Wargin, owner of certain land and the water right appurtenant to it. The landowner requests 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 5.04 ACRES from, SUCKER CREEK, tributary to the ILLINOIS RIVER. The amount used was 0.07 cubic foot per second.

The DIMINISHED portion is located as follows:

NE $\frac{1}{4}$ NW $\frac{1}{4}$ 5.04 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"

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


1. The proposed change 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.

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 02 2003


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:

	<u>TRACT 1</u>	<u>TRACT 2</u>
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 02 2003





Paul R. Cleary, Director

Recorded in State Record of Water Right Certificates numbered 79836.

WATER RESOURCES DEPARTMENT

INTEROFFICE MEMO

December 3, 2002

TO: Paul R. Cleary, Director

FROM: Teresa Vonn, Southwest Regional Water Management Specialist

SUBJECT: Transfers 9071, and 9072

The applicant for transfer 9071 has requested to change to a point of appropriation.

The applicant for transfer 9072 has requested a change in place of use and to change to a point of appropriation.

The Watermaster has said that the transfer could be made without injury, and has requested metering.

A notice of the transfer has been published in a local newspaper and no protests were received.

This transfer should be approved.

RECEIVED
DEC 06 2002
WATER RESOURCES DEPT.
SALEM, OREGON

NOV 15

Affidavit of Publication

STATE OF OREGON, }
County of Josephine } ss.

I, Virgil L. Garrison, 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:

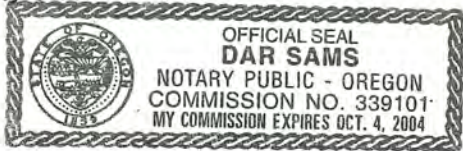
Sept 25, Oct 2, 9, 2002

Virgil L. Garrison, 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).



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 priority date of November 1, 1919 for irrigation of 5.04 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.; AND 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, W.M.; 126.47 FEET NORTH AND 79.83 FEET WEST OF THE NW CORNER OF DLC 46; WELL #2 NE1/4 NW1/4, 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

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 - 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, W.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.

The last date of publication in October 9, 2002. IF NO PROTEST IS FILED WITHIN 30 DAYS AFTER THE LAST DATE OF PUBLICATION, THE CHANGE MAY BE APPROVED WITHOUT A HEARING.

Publish: Sept. 25, Oct. 2, 9, 2002



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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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: PATSY A. WARGIN
First Last

Address: 4295 HOLLAND LOOP ROAD
CAVE JUNCTION OR. 97523
City State Zip

Phone: 541-592-3849
Home Work Other

*Fax: - *E-Mail address: -

*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 _____

T-9071

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) Certificate Number: 7148 - 63788
 Not applicable 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 1/4 SW 1/4	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 1/4 NW 1/4	802	5.04

CERT 7141
 P.O. 1872
 Cert 6378
 P.O. 1919

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WATER RESOURCES DEPT.
 SALEM, OREGON

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 Rd.
By Vineyard Owner. No longer Able to convey WATER TO P.O.U.

System capacity (in cfs): 0.063 CFS (28.3 gpm)

T-9071

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. D.L.C 46	NE 1/4 NW 1/4	1	40S	8W
WELL NO. L 45122 SITUATED 261.47 FT NORTH & 641.25 FT EAST NW COR. D.L.C 46	NE 1/4 NW 1/4	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)

Remarks: _____

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SALEM, OREGON

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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

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

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.

T-9071

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.

Patsy A. Wargin PATSY A. Wargin 3-22-02
applicant signature name (print) date

applicant signature name (print) date

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.

T-9071

WATER SUPPLY WELL REPORT

(as required by ORS 537.765)

DEC 6 0 2000

WELL ID. #1. L45122
START CARD # 136944

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

WATER RESOURCES DEPT
SALEM, OREGON

(1) LAND OWNER
Name FATSY Wargin
Address 4295 Holland Loop
City Cave Junction State Or Zip 97523
Well Number 136944

(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 _____

BORE		SEAL	
Diameter	From To	Material	From To
10"	0 25	Bentonite	0 25
6"	25 80		

How was seal placed: Method A B C D E
 Other Bentonite 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: 6"	+1 60	1.250	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Liner:			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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	3/16 x 6	60			<input checked="" type="checkbox"/>	<input type="checkbox"/>

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

Yield gal/min	Drawdown	Drill stem at	Time
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 of S Range 8 E of W M.
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	SWI.
50	75	50+	19

(12) WELL LOG:

Ground Elevation _____

Material	From	To	SWL
Brown clay	0	10	
Brown clay / fine + med gravel	10	42	
dk 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

T-9071

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WATER RESOURCES DEPT.
SALEM, OREGON

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 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			SEAL			Sacks or pounds
Diameter	From	To	Material	From	To	
12	0	18	Pent	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	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Liner:				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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	3/4 x 1	3736	8"		<input checked="" type="checkbox"/>	<input type="checkbox"/>
B) 230	250	45 cal	125	8"		<input checked="" type="checkbox"/>	<input type="checkbox"/>
B) 350	370	45 cal	125	8"		<input checked="" type="checkbox"/>	<input type="checkbox"/>

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

Yield gal/min	Drawdown	Drill stem at	Flowing Time
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 Stewart 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. G... .. WWC Number 675
 Date 3/9/01

T-9071

STATE OF OREGON
WATER SUPPLY WELL REPORT

(as required by ORS 537.765)

WELL ID. # 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		SEAL		Sacks or pounds	
Diameter	From To	Material	From To		
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	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Liner:				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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	45 cal	1	125 8"		<input checked="" type="checkbox"/>	<input type="checkbox"/>
350	370	45 cal	1	125 8"		<input checked="" type="checkbox"/>	<input type="checkbox"/>

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

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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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. Dunn WWC Number 675 Date 3/9/01

T-9071

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			SEAL			Sacks or pounds
Diameter	From	To	Material	From	To	
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: <u>N/A</u>				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Liner:				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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	1/2	3736	8"		<input checked="" type="checkbox"/>	<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>

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

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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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. Spurr WWC Number 1659 Date 3/9/01

T-9071

AFFIDAVIT OF WATER USE

I, Patsy A. Wargin, being duly sworn, dispose and say that I am the owner of the parcel of land described within recorded deed Volume 168, Page 0189 of the Deed Records of Josephine County, Oregon. Said property being further described as Tax Lots 802 and 490, 40 8 by the Josephine County Assessor, with a site address of 4295 Holland Loop Road, Cave Junction, Oregon.

April, 1994 pw

I have resided on the property since ~~March~~ of 1991 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.

Patsy A. Wargin Date 7-26-, 2001
Patsy A. Wargin
4295 Holland Loop Rd.
Cave Junction, Or. 97523

NOTARY CERTIFICATE

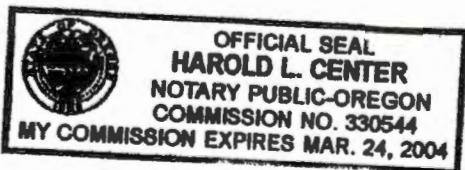
STATE OF OREGON)
) Ss
County of Jackson)

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)

[Handwritten Signature]



T-9071

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MAR 27 2002
WATER RESOURCES DEPT.
SALEM, OREGON

3

40:8-1

#903

802

WARRANTY DEED

LARRY E. TREFETHEN, Grantor, conveys and warrants to PATSY A. WARGIN,; Grantee, the following described real property, together with appurtenances, free of encumbrances except as specifically set forth herein, situated in JOSEPHINE County, OR:

SEE EXHIBIT "A" ATTACHED HERETO AND MADE A PART HEREOF

SUBJECT TO: Rights of way of record, Rights of the public within the limits of public roadways, and/or rights of private parties within existing roadways or driveways, For tax purposes, the herein described property has been classified as farm land and assessed at a lower valuation by the County Assessor pursuant to ORS 308.345 to 308.407. If the land becomes disqualified for the special assessment under the statute, an additional tax and interest thereon may be levied, which the Grantees herein agree to assume and pay.

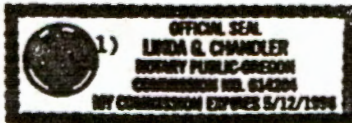
The true consideration paid for this conveyance is SIXTY FIVE THOUSAND AND 00/100 (\$65,000.00). () However, the whole consideration includes other value given or promised (check if other consideration statement applies). This instrument will not allow use of the property described in this instrument in violation of applicable land use laws and regulations. Before signing or accepting this instrument, the person acquiring fee title to the property should check with the appropriate City or County Planning Department to verify approved uses and to determine any limits on lawsuits against farming or forest practices as defined in ORS 30.930.

Dated this 30 day of March, 1994.


LARRY E. TREFETHEN

STATE OF OREGON)
)ss.
County of JOSEPHINE)

This instrument was acknowledged before me on the 30th day of MARCH, 1994 by LARRY E. TREFETHEN




Notary Public for Oregon
My commission expires: 5/12/96

Until a change is requested,
send all tax statements to:
Wargin
1048 SW "K" St.
Grants Pass, Or. 97526
Return document to:
JCTR - CJ

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MAR 27 2002

WATER RESOURCES DEPT.
SALEM, OREGON

EXHIBIT "A"

Beginning at the Northwest corner of Donation Land Claim No. 46 in Section 1, Township 40 South, Range 8 West, of the Willamette Meridian, Josephine County, Oregon; thence Westerly along the Westerly extension of the Northerly line of said Donation Land Claim, a distance of 130 feet, more or less, to a point which is South $7^{\circ}45'00''$ West of the Southwest corner of a tract of land described in Volume 330, Page 1604, Josephine County Deed Records; thence North $7^{\circ}45'00''$ East a distance of 180 feet, more or less, to said Southwest corner; thence South $82^{\circ}15'00''$ East a distance of 144 feet; thence North $7^{\circ}45'00''$ East to the Southerly right of way line of Holland Loop Road; thence Southeasterly along said right of way line to a point, said point being 20 feet East of when measured perpendicular to the East line of Government Lot 4 in said Section; thence South and parallel to said East line to a point 151 feet North of the Northerly line of said Donation Land Claim No. 46; thence Westerly and parallel to the North line of Government Lot 4; thence South and parallel to said East line a distance of 40 feet to a point 20 feet West of the East line of said Donation Land Claim No. 46; thence West along the North line of said Donation Land Claim No. 46, a distance of 680 feet, more or less, to the point of beginning.

04-06761
 State of Oregon
 County of Josephine
 I, County Clerk, do hereby certify that the foregoing instrument was duly filed for record and recorded in Volume 330, Page 1604, of Vol. 168, Book 190, Josephine County, Oregon.
 J. J. [Signature] COUNTY CLERK
 Fee \$ [Signature] Deputy
 Hand Returned None

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T-9071



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: PATSY A. WARGIN
 Address: 4295 HOLLAND LOOP RD.
 City: CAVE JUNCTION State: OR Zip: 97523 Day Phone: (541) 592-3849

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)
490	4D-08-01 RR-5	<input type="checkbox"/> Diverted <input checked="" type="checkbox"/> Conveyed <input checked="" type="checkbox"/> Used
802	4D-08-01 RR-5	<input checked="" type="checkbox"/> Diverted <input checked="" type="checkbox"/> Conveyed <input checked="" type="checkbox"/> Used
		<input type="checkbox"/> Diverted <input type="checkbox"/> Conveyed <input type="checkbox"/> 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:
32.5 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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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. 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:	
		<input type="checkbox"/> Obtained <input type="checkbox"/> Denied	<input type="checkbox"/> Being pursued <input type="checkbox"/> Not being pursued
		<input type="checkbox"/> Obtained <input type="checkbox"/> Denied	<input type="checkbox"/> Being pursued <input type="checkbox"/> Not being pursued
		<input type="checkbox"/> Obtained <input type="checkbox"/> Denied	<input type="checkbox"/> Being pursued <input type="checkbox"/> Not being pursued
		<input type="checkbox"/> Obtained <input type="checkbox"/> Denied	<input type="checkbox"/> Being pursued <input type="checkbox"/> Not being pursued
		<input type="checkbox"/> Obtained <input type="checkbox"/> Denied	<input type="checkbox"/> Being pursued <input type="checkbox"/> 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.)

RECEIVED

MAR 27 2002

**WATER RESOURCES DEPT.
SALEM, OREGON**

Receipt for Request for Land Use Information

Name of water right applicant: _____

T-9071

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: _____

SEP 20

September 18, 2002

Richard E. Foren
Charlene M. Wiese
355 Pinewood Way
Cave Junction, Oregon 97523

Re/ Water rights.

To Whom it may concern:

This is to inform any interested parties that we have no objection ^{c/w} to have the water rights transferred from Sucker Creek, to a shared well at the property owned by Patty Wargin at 4295 Holland Loop Road, Cave Junction, Oregon 97523.

Thank you,

Richard E. Foren

Richard E. Foren
(First Mortgage Holder)

Charlene M. Wiese

Charlene M. Wiese
(First Mortgage Holdett)

Water Rights letter

State of Oregon
County of Josephine

On this the 18th day of Sept, 2002,
Day Month Year

Before me, Dawn M. LeGaux, The undersigned Notary Public, personally appeared Richard E. Foren
Name of Notary Public Name of Signer(s)
and Charlene Wiese

- personally known to me
- proved to me on the basis of satisfactory evidence

to be the person(s) whose name(s) is/are subscribed to the within instrument, and acknowledged that he/she/they executed it.

WITNESS my hand and official seal.

Dawn M. LeGaux
Signature of Notary Public



MAY 8 2002

Oregon Department of Fish and Wildlife
Transfer Comment Form

Reference: Transfer # 9071

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.)

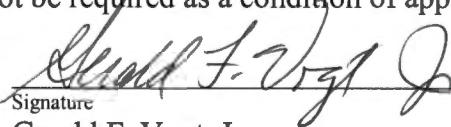
Please check one of the boxes related to requiring a fish screen or by-pass device.

- 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.



 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. Jett
signed by injury reviewer

SUBJECT: WATER RIGHT TRANSFER # 9071

A change in: POU POD POA USE of water. sw -> gw

In the name(s) of Patsy A. Wargin

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.





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
FIELD PROCESSOR WORKING ON THIS TRANSFER

DATE: 4-5-02

FROM: _____ WATERMASTER, DISTRICT # _____
_____ GROUNDWATER SECTION

(SIGNATURE) John H. Ball 05/07/2002
signed by injury reviewer

SUBJECT: WATER RIGHT TRANSFER # 9071

A change in: POU POD POA USE of water. SW → GW

In the name(s) of Patsy A. Wargin

In my opinion (assuming the right is valid), the proposed change

MAY BE MADE WITHOUT INJURY
right.

WOULD RESULT IN INJURY* to an existing water

*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:

- (1) PRIOR to the diverting of water at the new point of diversion . . .
install a properly functioning, totalizing flow meter on both wells.
- (2) WHEN IN the judgement of the watermaster it becomes necessary . . .

[Handwritten initials]

The enclosed copy of the transfer application and map(s) is for your records.



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

WATER RESOURCES DEPARTMENT MEMORANDUM

Date: May 7, 2002
To: Transfer File 9071
From: Ivan Gall – Hydrogeologist, Grants Pass
Subject: Transfer 9071 (previously GW Application G-15637)



Applicant: Patsy A. Wargin
Seek: Surface water (Sucker Creek) to ground water transfer 28.3 gpm
From: Two Drilled wells
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**

Well #2 JOSE 53718/L45122

- 40S/08W-1ba (NE of the NW), Tax Lot 802 in Josephine County
- Well is located 261 feet North and 641 feet East of the Northwest corner of DLC 46 (from application map)
- Natural ground elevation at well is ~1,390 feet (NGVD 1929)
- Well is 80 feet deep, perforated from 40 to 60 feet bgs
- Water-bearing alluvial sediment occurs from approximately 50 to 75 feet bgs
- Well is ~**1,900 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 53718 to authorized POD: **3,900 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 28.3 gallons per minute (gpm) for irrigation from April 1 to October 31. Two drilled wells are the proposed new POAs, JOSE 53826/L41845 and JOSE 53718/L45122. 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 POAs are greater than 1000 feet downstream from the authorized POD, and the new POAs are 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 and JOSE 53718. 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/ft²) and storage (0.003), the estimated stream depletion meets or exceeds the 50% requirement for both of the proposed POAs. 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:

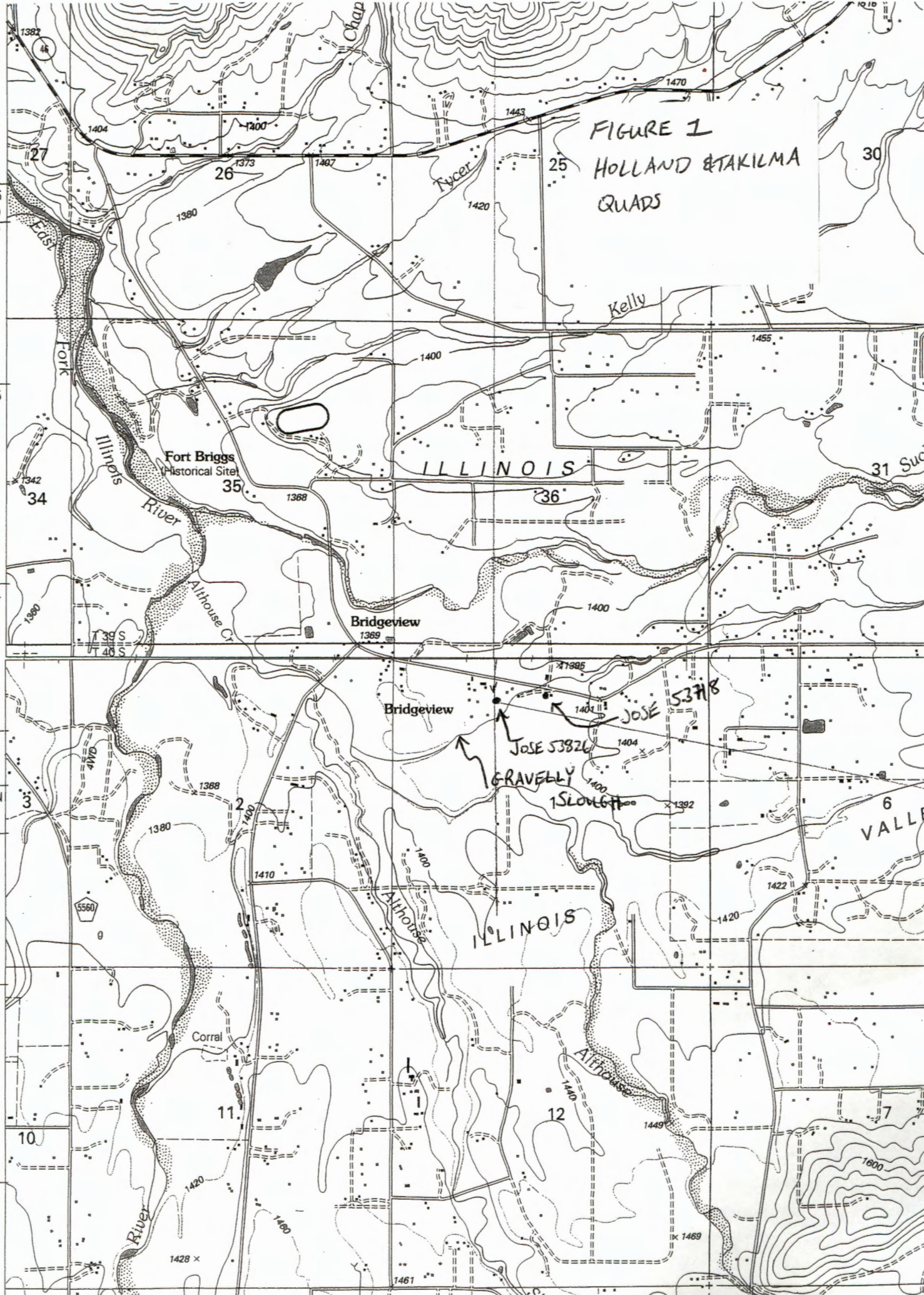
The ground water resource appears to be available at this location to support the applicant's transfer request without the potential for substantial interference with neighboring wells. This aquifer does interact with Sucker Creek to the extent that the proposed ground water use will similarly affect the original surface water source. The applicant must provide a properly functioning, totalizing flow meter on both wells to allow measurement of water use.

References:

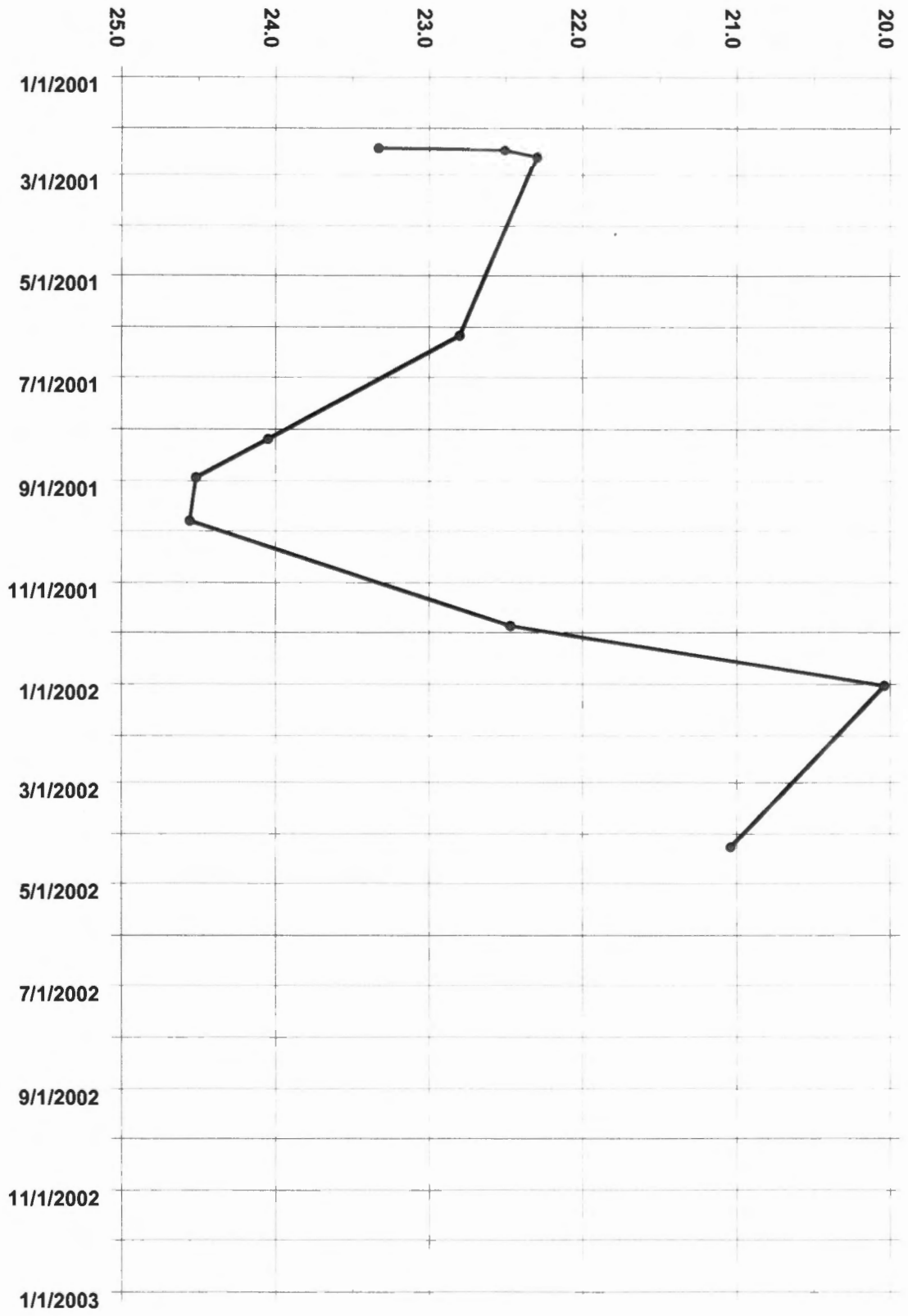
1. WRD GRID well log database.
2. USGS 7.5 minute topographic maps, Takilma, OR-CA and Holland, OR 1:24,000 sheets, 1996.
3. Ramp, L., and Peterson, N.V., 1979. Geology and Mineral Resources of Josephine County, Oregon. Bulletin 100, Oregon Department of Geology and Mineral Industries.
4. Unpublished 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

4666
190 000
FEET
4665
4664
071 30'
EET
CA)
0m N
4662
4661



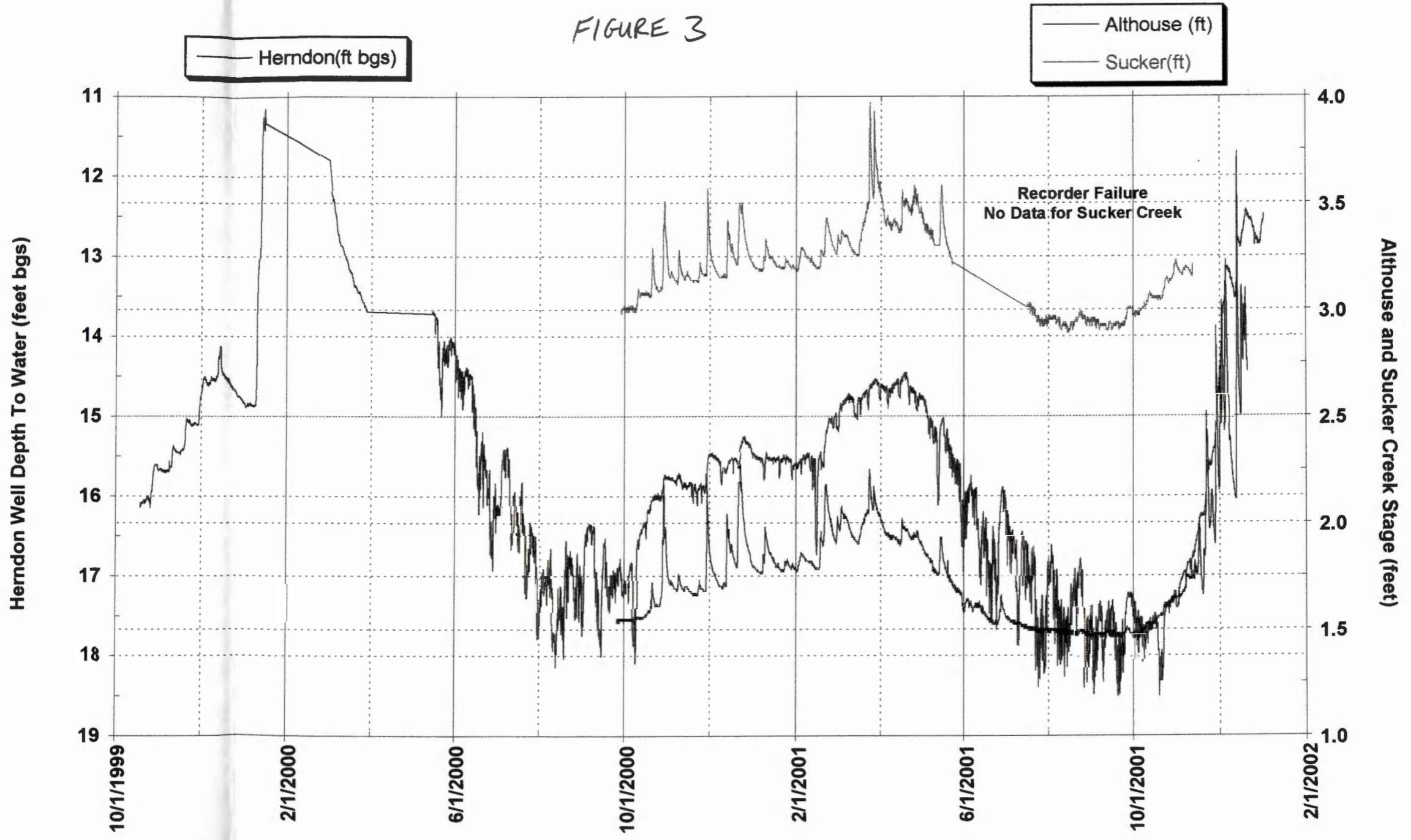
Depth to Water (feet below ground)



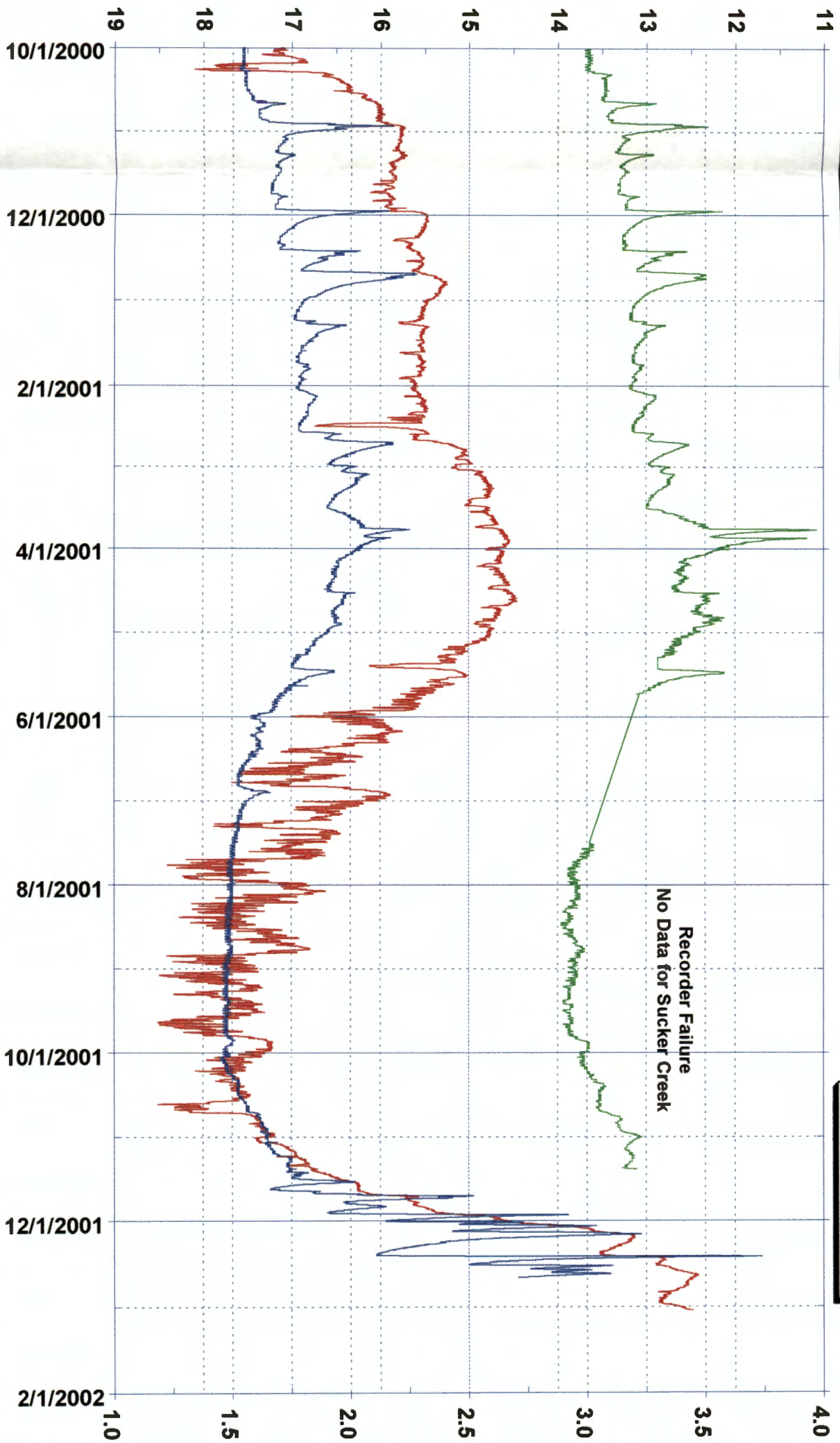
Test Well #1 JOSE 53826
40S-8W-1ba L41845

FIGURE 2

FIGURE 3



Herndon Well Depth To Water (feet bgs)



Herndon(ft bgs)

Althouse (ft)
Sucker(ft)

FIGURE 4

Recorder Failure
No Data for Sucker Creek

Althouse and Sucker Creek Stage (feet)

FIGURE 5

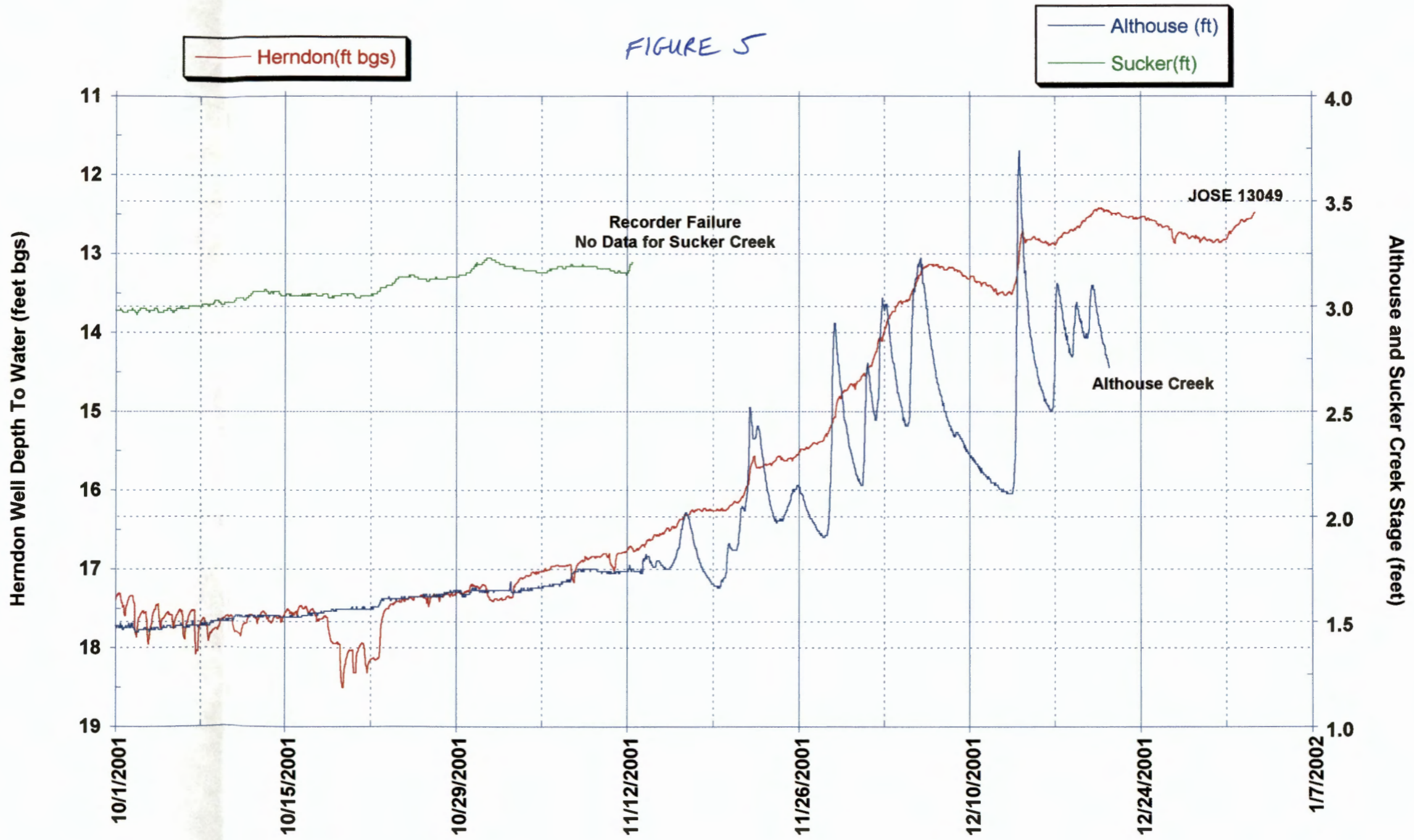
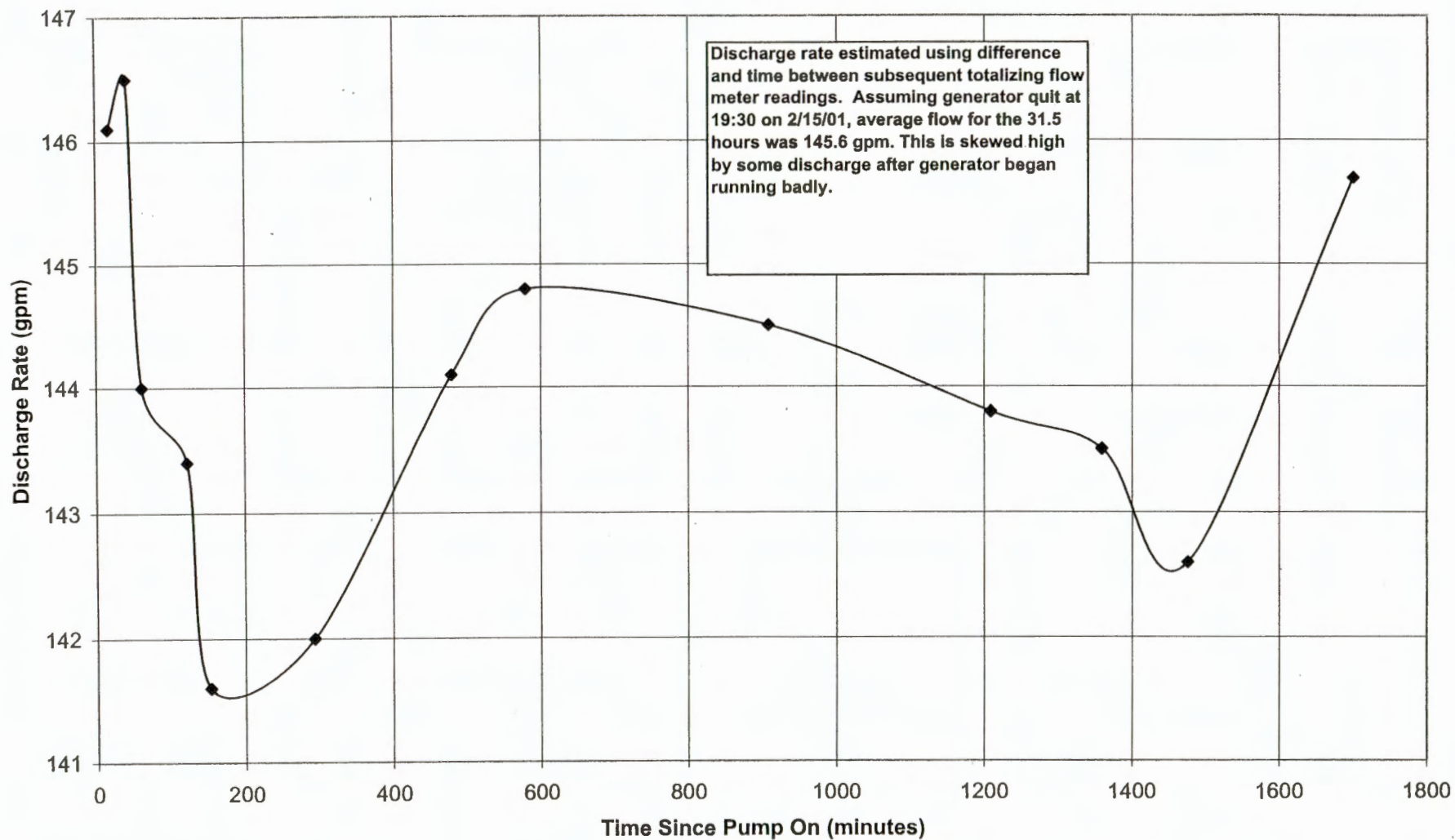


FIGURE 6
Upper Zone Aquifer Test
Discharge Rate of JOSE 53826



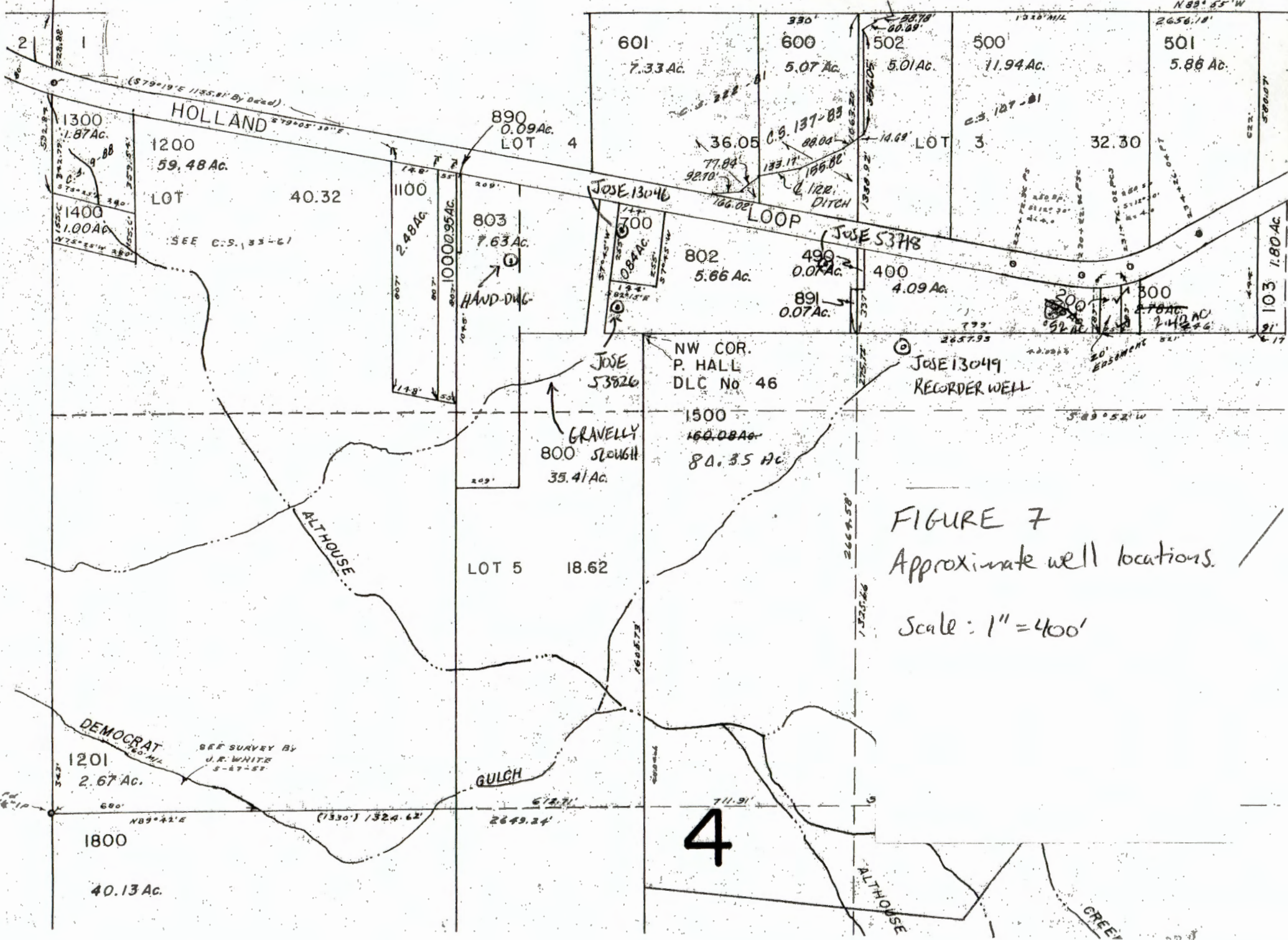


FIGURE 7
Approximate well locations.

Scale: 1" = 400'

4

FIGURE 8
Test Well #1 JOSE 53826 Drawdown/Recovery
Upper Zone Aquifer Test - February 2001

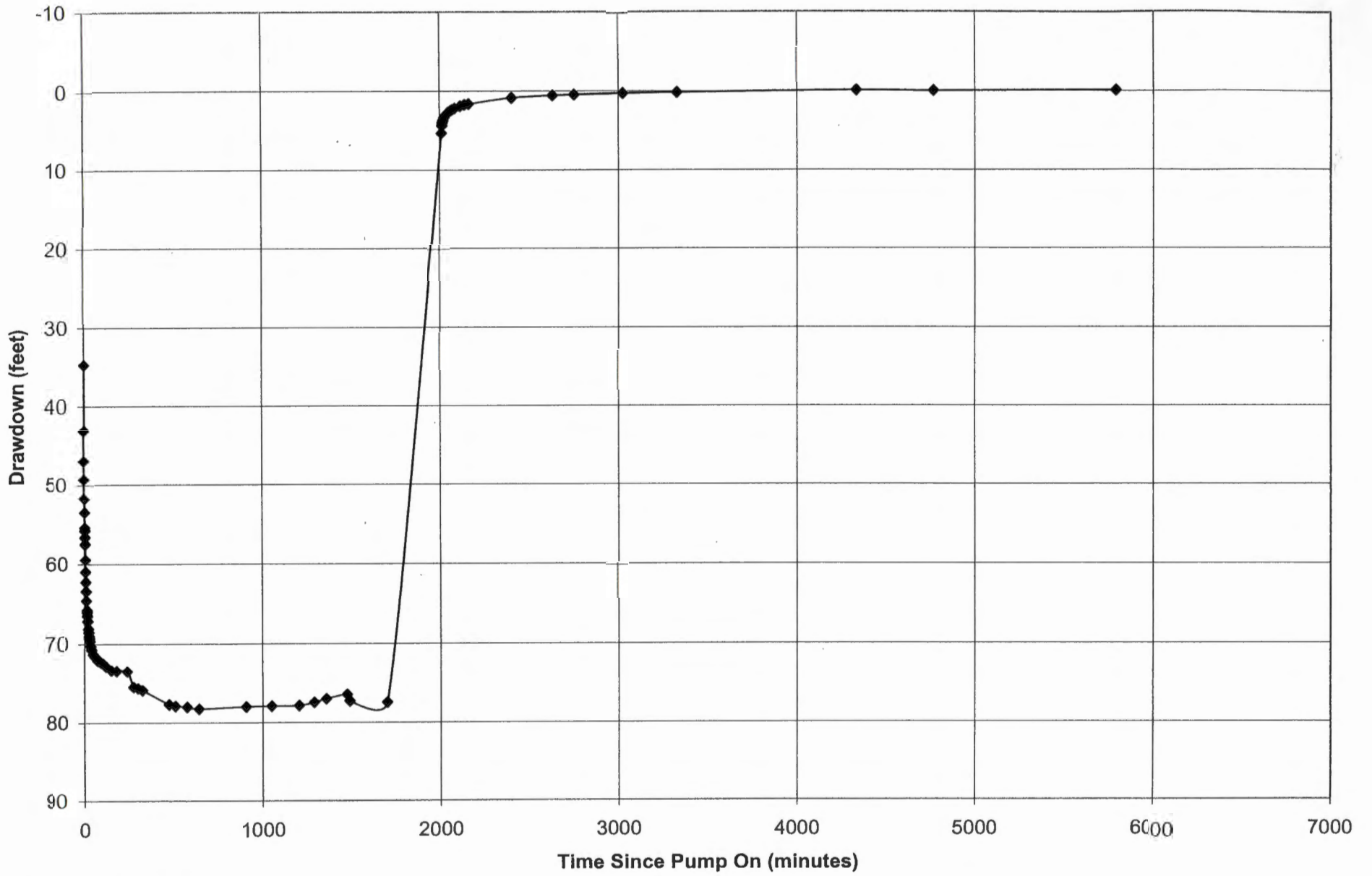


FIGURE 9

Test Well #1 Drawdown - JOSE 53826
Upper Zone Aquifer Test February 2001

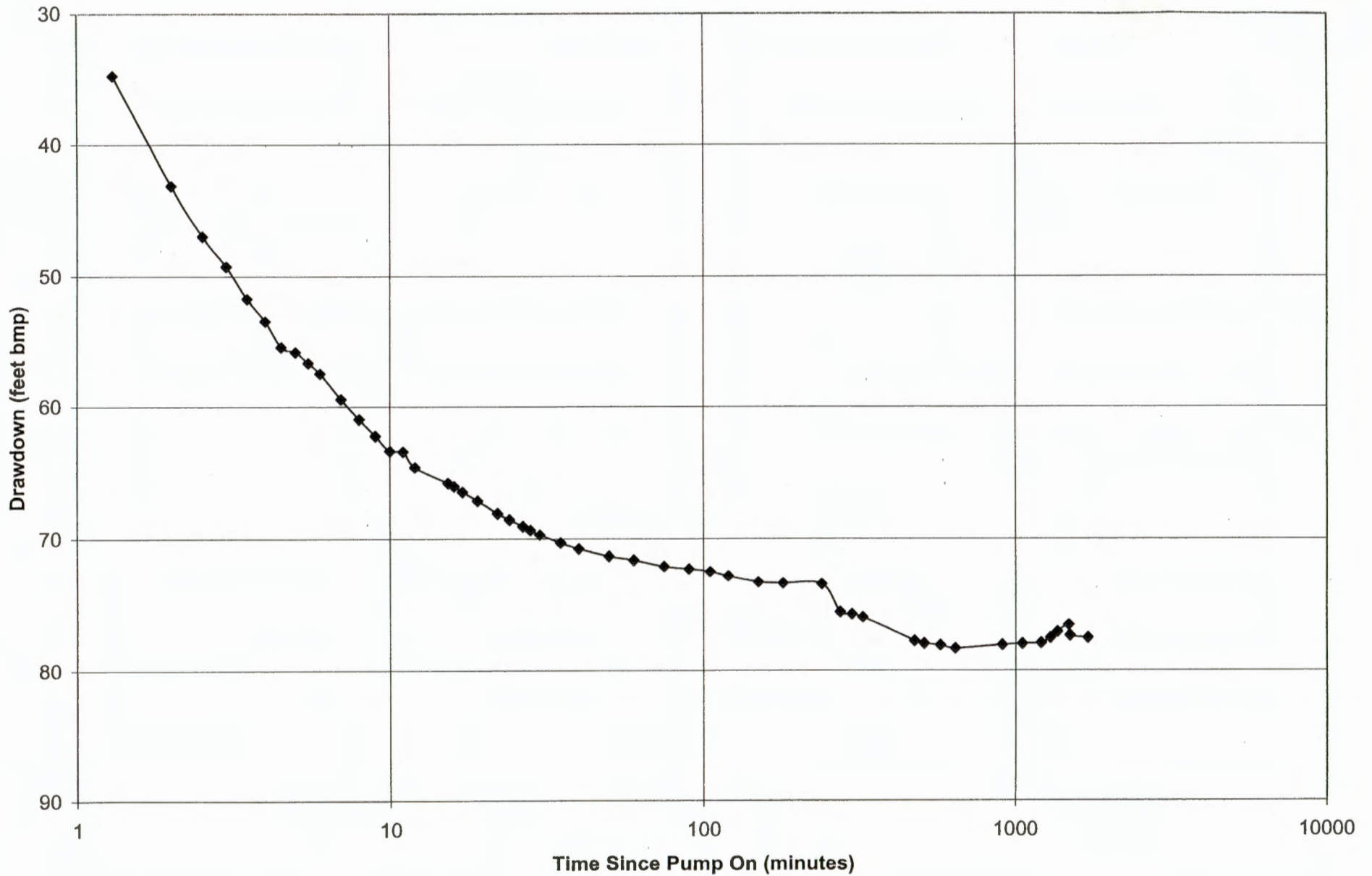


FIGURE 10
Test Well #1 - Residual Drawdown - JOSE 53826 RECOVERY
Upper Zone Aquifer Test February 2001

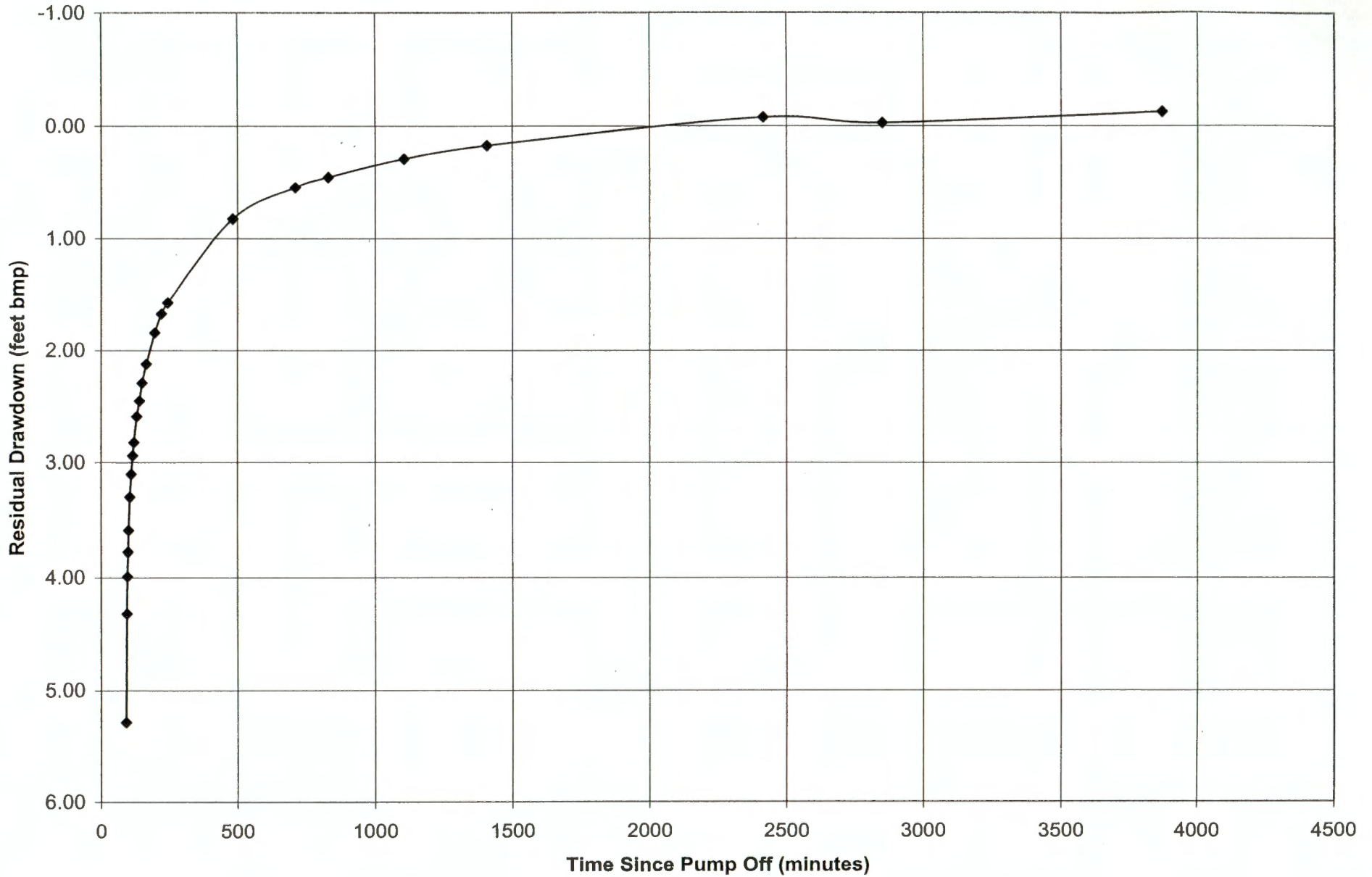


FIGURE 11
Herndon Well - JOSE 13049
Drawdown/Recovery During Test Well #1 Aquifer Test

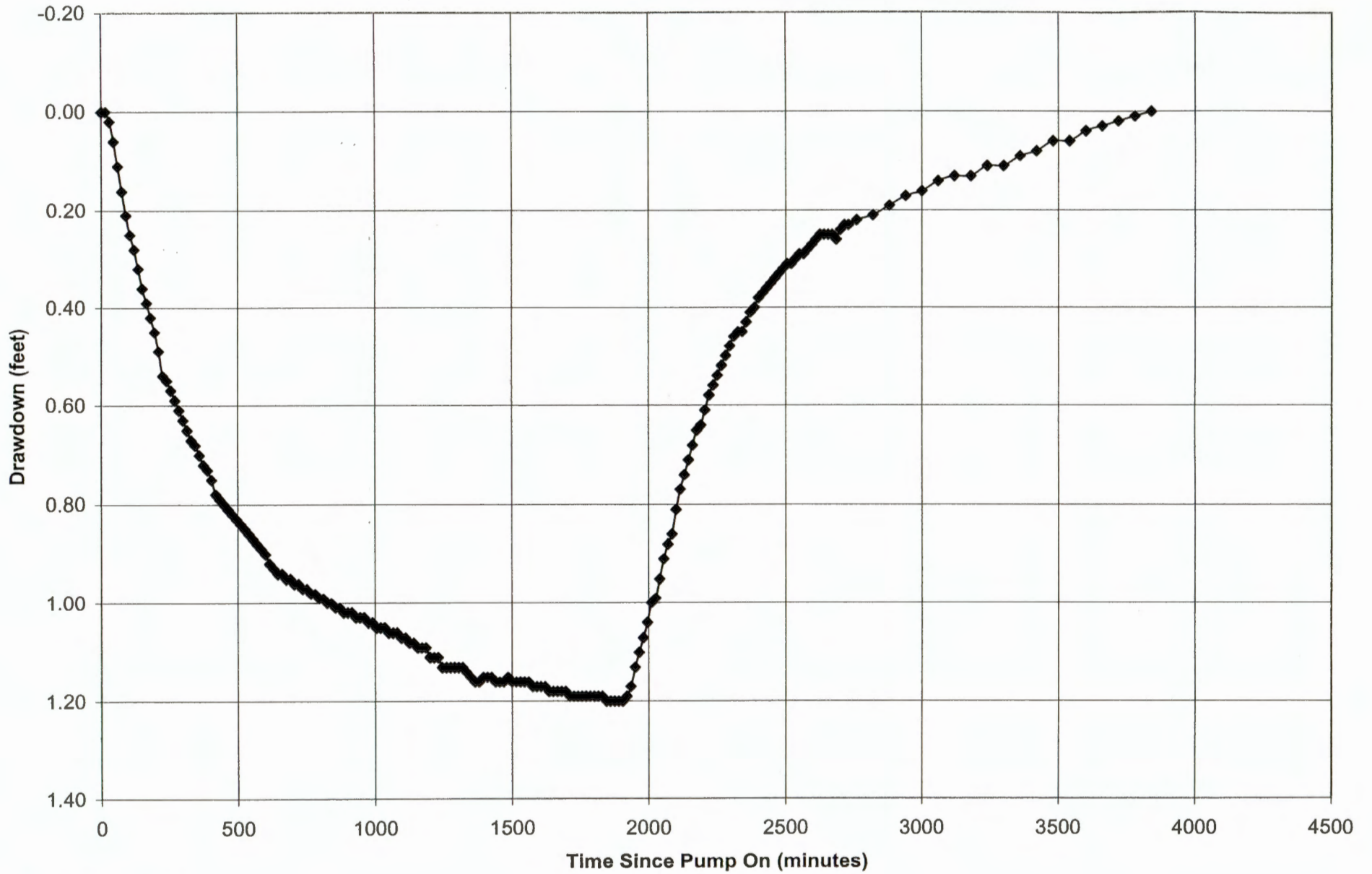


FIGURE 12
Herndon Well - JOSE 13049
Recorder Data Near Time of Test Well #1 Aquifer Test

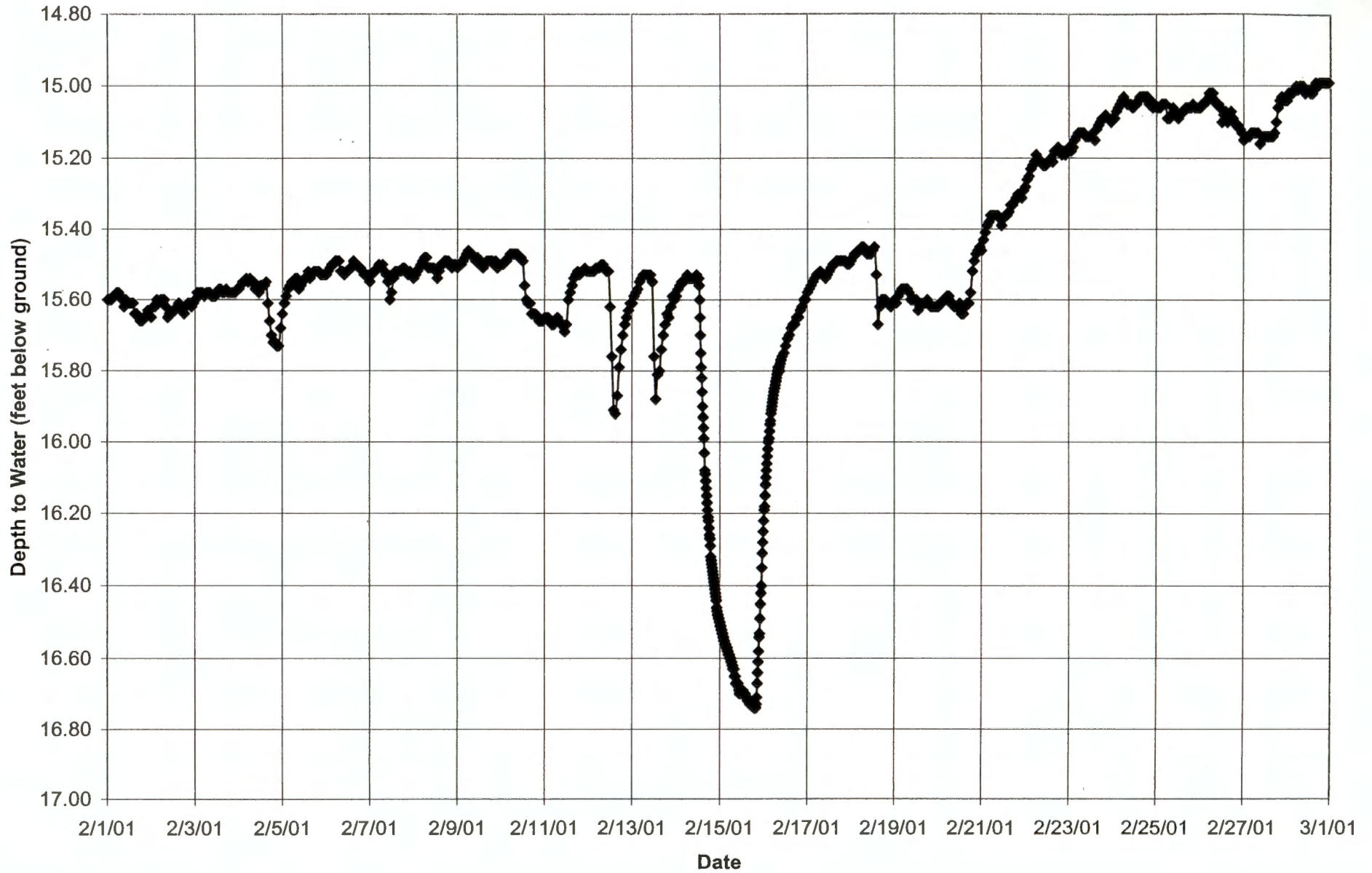


FIGURE 13
JOSE13046 Observation Well Data
Test Well #1 Upper Zone Aquifer Test
February 14-18, 2001

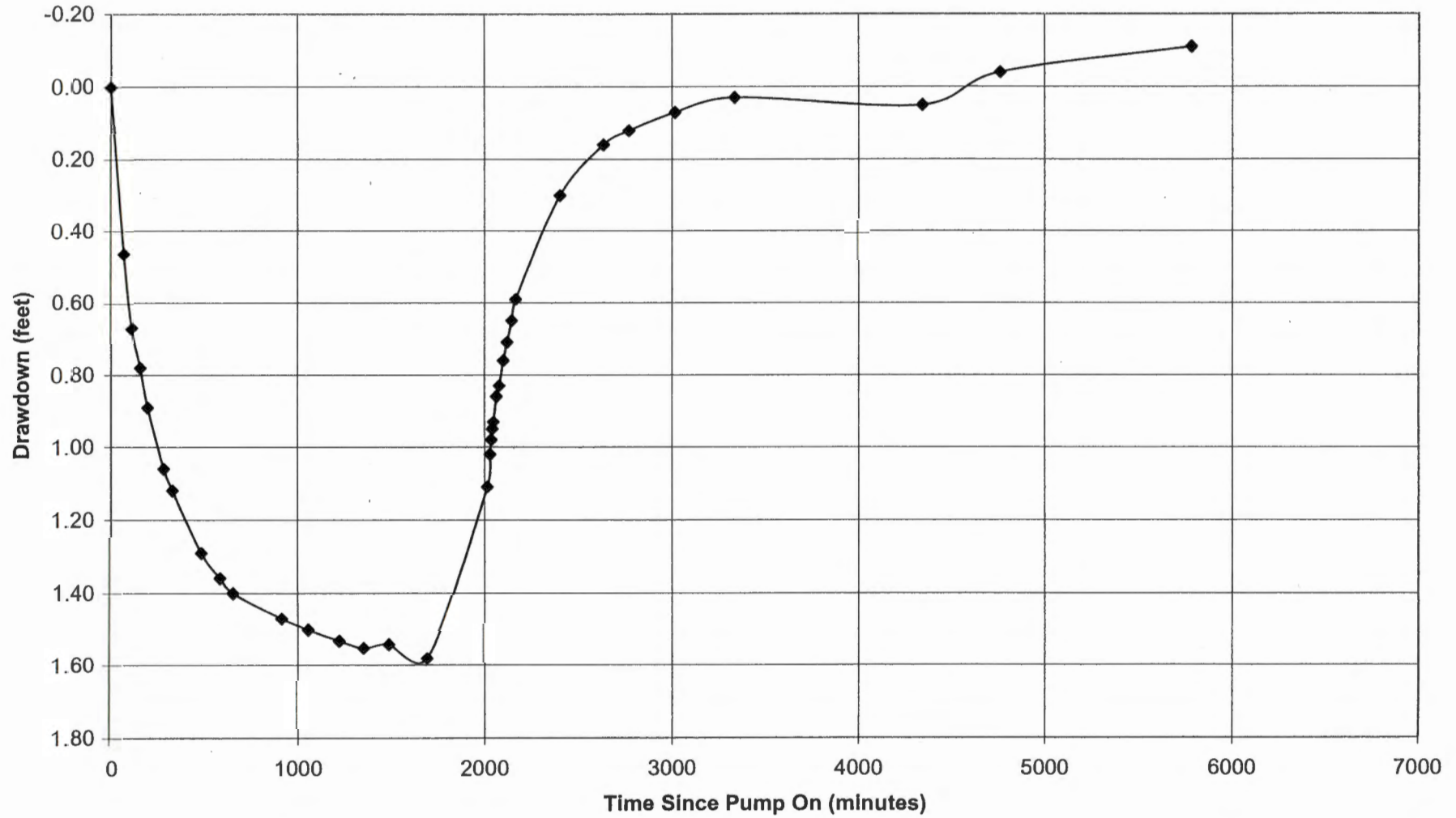
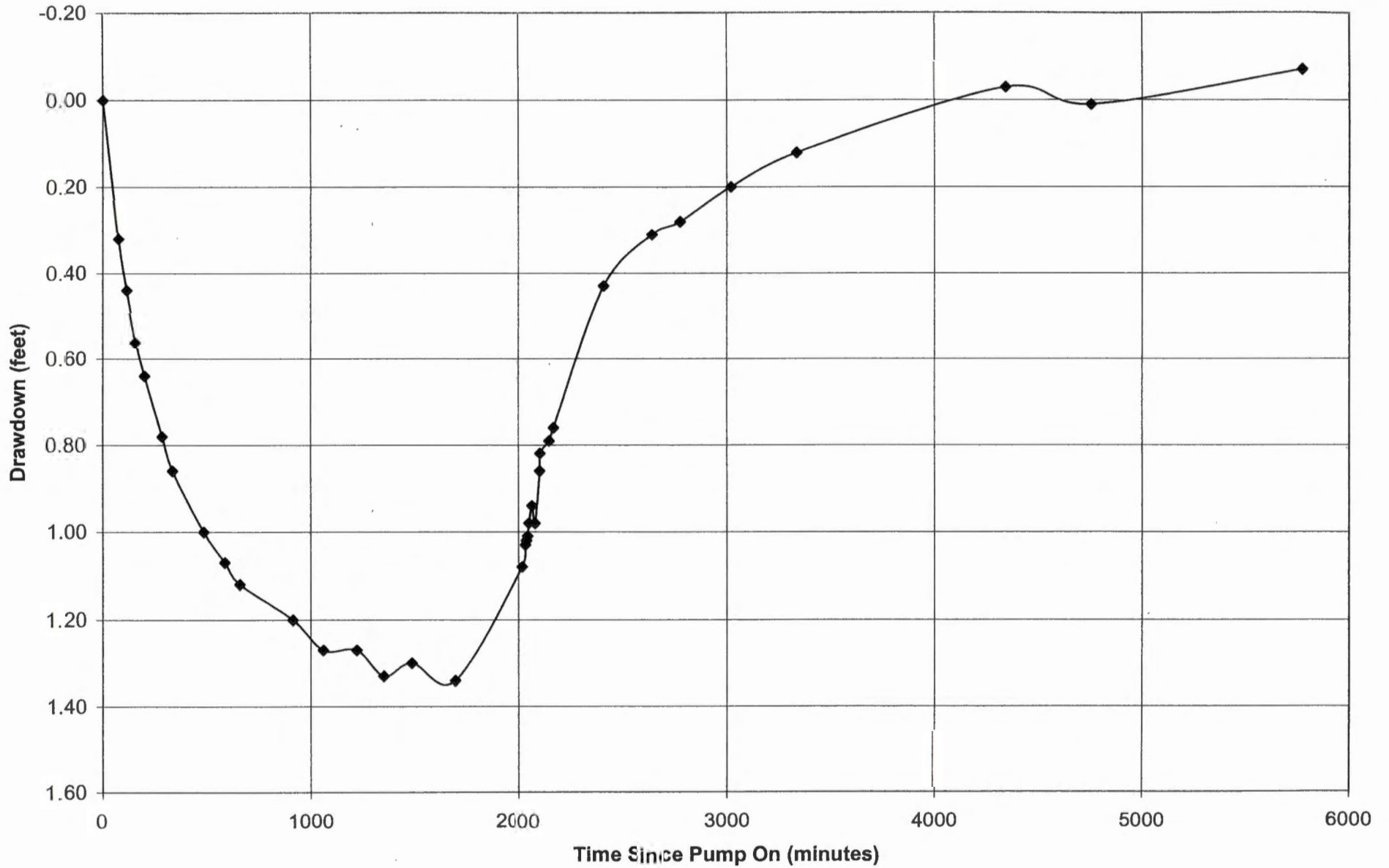


FIGURE 14
Wargin (JOSE53718) Observation Well Raw Data
Test Well #1 Upper Zone Aquifer Test
February 14-18, 2001



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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STATE OF OREGON
WATER WELL REPORT
(as required by ORS 537.705)

NOV 30 1987

JOSE 405/8W-1ba
130016

1682

(1) OWNER: Well Number: 1682
Name MR. & MRS. DAVID SILKWOOD
Address 4195 HOLLAND LOOP RD.
City CAVE JUNCTION State OR Zip 97523

(9) LOCATION OF WELL by legal description:
County JOSEPHINE Latitude _____ Longitude _____
Township 40 No. 8 Range 8 E or W W WM.
Section 1 NE 1/4 NW 1/4
Tax Lot 700 Lot _____ Block _____ Subdivision _____
Street Address of Well (or nearest address) _____
SAME

(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 SEAL Amount
Diameter From To Material From To 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"	71	53'	.250	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Liner:				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Final location of shoe(s) 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			<input checked="" type="checkbox"/>	<input type="checkbox"/>

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

Yield gal/min	Drawdown	Drill stem at	Time
25		5.3	1 hr.

Pump Bailer Air Flowing Artesian

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: _____

(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 1/4 LARGE GRAVEL	27	60	24

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NOV 25 1987
USE DIST. 14
CONTRACT 12304, 010E.

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 Delroy Chausser Date 11/21/87

STATE OF OREGON
WATER SUPPLY WELL REPORT

DEC 26 2000

WELL I.D. # L 45122
START CARD # 136944

(as required by ORS 537.765)
Instructions for completing this report are on the last page of this form.

WATER RESOURCES DEPT.
SALEM, OREGON

(1) LAND OWNER
Name FATSY Wargin
Address 4295 Holland Loop
City Cave Junction State Or Zip 97523
Well Number 136944

(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		SEAL	
Diameter	From To	Material	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 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: 6"	0	60	1.250	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Liner:				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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	3/16 x 1/8	60	60		<input checked="" type="checkbox"/>	<input type="checkbox"/>

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

Yield gal/min	Drawdown	Drill stem at	Time
50+		60	1 hr.

Pump Bailer Air Flowing
 Artesian

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

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 **Suckor 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; 1903 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 NE $\frac{1}{4}$ NW $\frac{1}{4}$, 27 acres in the NW $\frac{1}{4}$ NW $\frac{1}{4}$, Section 1, T. 40 S. R. 8 W. W. M., 25 acres in the SW $\frac{1}{4}$ SW $\frac{1}{4}$, 26 acres in the SE $\frac{1}{4}$ SW $\frac{1}{4}$, 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 SE $\frac{1}{4}$ of Sec.36, T.39 S.R. 8 W.W.M., under date of 1878.)
- Tract #2:** 2 acres in the SW $\frac{1}{4}$ SE $\frac{1}{4}$, Section 36, T. 39 S. R. 8 W. W. M.; 12 acres in the NE $\frac{1}{4}$ NW $\frac{1}{4}$ and 1.5 acres in the NW $\frac{1}{4}$ NW $\frac{1}{4}$, 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, 1927.

RHEA LUPER
State Engineer.

RECEIVED

JOSE 53826

1 of 4

MAR 27 2001

STATE OF OREGON

WATER SUPPLY WELL PERMITS
WATER RESOURCES DEPT.
SALEM, OREGON
(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			SEAL			
Diameter	From	To	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	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Liner:				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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	1/4 x 1	3736	8"		<input checked="" type="checkbox"/>	<input type="checkbox"/>
B) 230	250	45 cal	125	8"		<input checked="" type="checkbox"/>	<input type="checkbox"/>
B) 350	370	45 cal	125	8"		<input checked="" type="checkbox"/>	<input type="checkbox"/>

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

Yield gal/min	Drawdown	Drill stem at	Flowing Artesian	Time
170		150	<input checked="" type="checkbox"/>	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 Stacy 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

RECEIVED

JOSE 53826

MAR 27 2001

STATE OF OREGON WATER SUPPLY WELL REPORT WATER RESOURCES DEPT. SALEM, OREGON

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

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

(1) LAND OWNER 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

Table with columns for HOLE Diameter, From, To, Material, SEAL From, To, Sacks or pounds

How was seal placed: Method A B C D E Backfill placed from ft. to ft. Material Gravel placed from ft. to ft. Size of gravel

(6) CASING/LINER: Table with columns for Diameter, From, To, Gauge, Steel, Plastic, Welded, Threaded

(7) PERFORATIONS/SCREENS: Table with columns for 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

Temperature of water Depth Artesian Flow Found Was a water analysis done? Did any strata contain water not suitable for intended use? 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

Table with columns for From, To, Estimated Flow Rate, SWL

(12) WELL LOG: Ground Elevation

Table with columns for Material, From, To, SWL. Includes entries like Green silt, uncon., Blue grvl, coarse sand, uncons., Blue silt, uncons.

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.

Signed Steven Curtis 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.

Signed Robert E. Quinn WWC Number Date

RECEIVED

STATE OF OREGON
 WATER SUPPLY WELL MAP REPORT 2001
 (as required by ORS 537.765)

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

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

(1) LAND OWNER: SALEM, OREGON
 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 220ft.
 Explosives used Yes No Type _____ Amount _____

HOLE			SEAL			Sacks or pounds
Diameter	From	To	Material	From	To	
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
N/A				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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	1/4 x 1	3736	8"		<input checked="" type="checkbox"/>	<input type="checkbox"/>

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

Yield gal/min	Drawdown	Drill stem at	Flowing Time
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 *Stacy 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



PROJECT NUMBER ILL. VALLEY STUDY	BORING NUMBER TEST WELL #1	SHEET 1 OF 14
JOSE 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			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
	INTERVAL	NUMBER AND TYPE	RECOVERY (FT)			
5					TOP SOIL 3 FT - ENCOUNTER GRAVEL SAND w/ SILT AND GRAVEL, DK. YELL. BRN 10 YR 4/2, POORLY-SORTED, DRY, MODERATELY CONSOLIDATED	STEEL CASING 8.5" O.D. 8.0" I.D. 1220 PSI A53-98 GR-A #3005323 WELLFIFE 8.625 ODX .250 X20'
15					14'-15': SAND w/ GRAVEL, 4 SHT, POORLY SORTED, DK. YELL BRN 10 YR 4/2, GRAVEL MOD. ROUNDED TO ANGULAR, DAMP	
20					SILT/SAND w/ GRAVEL, POORLY-SORTED DK YELL. ORANGE 10 YR 6/6, POORLY CONSOLIDATED	EASIER DRILLING, LIKELY WATER TABLE
25					↓	
30						



PROJECT NUMBER ILL. VALLEY STUDY	BORING NUMBER TEST WELL #1	SHEET 2 OF
SOIL BORING LOG		




PROJECT _____ LOCATION **PATSY WARGAN PROPERTY**
 ELEVATION _____ DRILLING CONTRACTOR **QUINN'S**
 DRILLING METHOD AND EQUIPMENT _____
 WATER LEVELS _____ START **10-16-2000** FINISH _____ LOGGER **GALL**

DEPTH BELOW SURFACE (FT)	SAMPLE			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
	INTERVAL	NUMBER AND TYPE	RECOVERY (FT)			
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 10:25 BGS
40						
45					SILT W/ GRAVEL, DUSKY YELL. GRN SGY 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, LOT OF WATER (CASING HOLES CLEANED OUT)
60						



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			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
	INTERVAL	NUMBER AND TYPE	RECOVERY (FT)			
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/MSILT (unknown %), Little water	@ CASING TO 78, DRILL TO 80 FT, V. LITTLE H ₂ O (10 GPM)
80						
85					GRAVEL, MOD. WELL ROUNDED, SOME SILT & SAND, REDDISH BRN	 Water, 4 W/4 COBBLES
90						



PROJECT NUMBER ILL VALLEY STUDY	BORING NUMBER SHEET 4 OF
SOIL BORING LOG	

PROJECT _____ LOCATION **PATSY WAGLIN 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			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
	INTERVAL	NUMBER AND TYPE	RECOVERY (FT)			
90					AS ABOVE, GRAVEL SLIGHTLY SMALLER	
95						
100					GRAVEL w/SAND, NO COBBLES	OPEN 78-105 FT \approx 60 LPM
105						
110						
115					GRAVEL w/SAND, AS ABOVE, SILTY WATER (UNKNOWN %), GRAVEL SUB-ANGULAR TO MOD. WELL ROUNDED	HOLE OPEN 78-115 FT \approx 75 GPM DRILLED TO 115 FT BGS 10/16/00
120						Casing (40') Added to 120' \approx 2' LAST 7' SLOW DRIVING - CLEAN OUT CASING



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			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
	INTERVAL	NUMBER AND TYPE	RECOVERY (FT)			
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						



PROJECT NUMBER	BORING NUMBER	SHEET	OF
	TEST WELL #1	6	
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 _____

DEPTH BELOW SURFACE (FT)	SAMPLE			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
	INTERVAL	NUMBER AND TYPE	RECOVERY (FT)			
150				*	SAND W/ GRAVEL, GRAY BROWN, POORLY SORTED, GRAVEL ≤ 1 WCH, LOOSE Larger gravel mixed w/ smaller & sand 1 3 1/2" - one rock / sand / gravel	120' CASING
165				*	GRAVEL W/ SAND & SILT, BROWN TAN, ROUNDED TO SUB-ANGULAR, POORLY SORTED, MORE SILT THAN SAMPLES FROM 125-150 FT, GRAVEL TO 1.5 INCHES	
175				*	SAND AND SILT W/ GRAVEL, BROWN TAN, POORLY SORTED, GRAVEL ≤ 1 WCH, ROUNDED TO ANGULAR, LOOSE	
180						



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			STANDARD PENETRATION TEST RESULTS	SOIL DESCRIPTION	COMMENTS
	INTERVAL	NUMBER AND TYPE	RECOVERY (FT)			
180				*	<p style="margin: 0;"><i>SILT W/SAND & GRAVEL, ^{BROWN} BLUE TAN, POORLY SORTED, GRAVEL < 1 INCH, ROUNDED TO SUB-ANGULAR</i></p> <p style="margin: 0;"><i>Larger gravel SILT (coffee + cream color)</i></p> <p style="margin: 0;"><i>CHANGE TO BLUE CLAY / SILT</i></p>	
185				*	<p style="margin: 0;"><i>GRAVEL W/SILT & CLAY, TAN GRAY, POORLY-SORTED, GRAVEL < 1 INCH, LOOSE, ROUND TO SUB-ANGULAR</i></p> <p style="margin: 0;"><i>chg. to brown SILT</i></p>	
190				*	<p style="margin: 0;"><i>AS ABV., SLIGHTLY COARSER</i></p>	
195				*	<p style="margin: 0;"><i>GRAVEL W/SAND, TAN GRAY, POORLY-SORTED, GRAVEL TO 1-INCH, ROUNDED TO SUB-ANGULAR, LOOSE</i></p>	
200				*	<p style="margin: 0;"><i>AS ABV., GRAVEL < 1 INCH</i></p>	
205				*	<p style="margin: 0;"><i>AS ABV., GRAVEL < 1 INCH</i></p>	
210						



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			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
	INTERVAL	NUMBER AND TYPE	RECOVERY (FT)			
	210					
215				*	Heavy blue <u>SILT/CLAY</u> ? AS ABOVE	
220						
225				*	GRAVEL w/SILT, GREEN GRAY, POORLY-SORTED, GRAVEL < 1/2 WCH, ANGULAR TO SUB-ROUNDED (CUTTINGS), LOOSE	
230			-	- ? -	? - - ? - ? -	? - - ? - ?
235					SILT @ 230-240 FT @ 65	
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			STANDARD PENETRATION TEST RESULTS	SOIL DESCRIPTION	COMMENTS
	INTERVAL	NUMBER AND TYPE	RECOVERY (FT)			
240				*	SILT, GREEN GRAY, NO 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



PROJECT NUMBER ILL. VALLEY STUDY	BORING NUMBER TEST WELL #1	SHEET 10 OF
SOIL BORING LOG		

PROJECT _____ LOCATION **PATSY WARREN PROPERTY**
 ELEVATION _____ DRILLING CONTRACTOR **QUINN'S**
 DRILLING METHOD AND EQUIPMENT _____
 WATER LEVELS _____ START **10-16-00** FINISH _____ LOGGER **GALL**

DEPTH BELOW SURFACE (FT)	SAMPLE			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
	INTERVAL	NUMBER AND TYPE	RECOVERY (FT)			
300				*	SAND W/ GRAVEL, DK GRNISH GRAY (SG 4/1), POORLY SORTED, GRAVEL TO 1 INCH, ROUNDED TO ANGULAR, UNKNOWN % 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 AWAY.
330						
340				*	SAND W/ GRAVEL, DK GRNISH GRAY (SG 4/1) 10-15% GRAVEL, SAND FINE TO MED. GRAINED	
344					COLOR CHANGE IN FORMATION EASIER DRILLING	
350				*	AS ABOVE 351-358 - SILT - GRAY 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						



PROJECT NUMBER	BORING NUMBER
	TEST WELL #1 SHEET 11 OF 14
SOIL BORING LOG	

PROJECT _____ LOCATION PATSY WARGLO PROPERTY
 ELEVATION _____ DRILLING CONTRACTOR QUINN'S
 DRILLING METHOD AND EQUIPMENT _____
 WATER LEVELS _____ START 10.16.00 FINISH _____ LOGGER GALL

DEPTH BELOW SURFACE (FT)	SAMPLE			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
	INTERVAL	NUMBER AND TYPE	RECOVERY (FT)			
360					SILT TO 365, GRAYISH OLIVE GRN 564 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	
390					SILT, DUSKY YELLOW GREEN 564 5/2	SILT COLOR CHANGE @ 390 FT
400						OPEN HOLE 348-400 FT - NO WATER - DRILLER ADDING WATER EASY DRILLING
410					SILT, AS ABOVE	
420						



PROJECT NUMBER	BORING NUMBER
	TEST WELL #1
SHEET 12 OF	
SOIL BORING LOG	

PROJECT _____ LOCATION PATSY WAREW PROPERTY

ELEVATION _____ DRILLING CONTRACTOR _____

DRILLING METHOD AND EQUIPMENT _____

WATER LEVELS _____ START _____ FINISH _____ LOGGER GALL

DEPTH BELOW SURFACE (FT)	SAMPLE			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
	INTERVAL	NUMBER AND TYPE	RECOVERY (FT)			
420					425: SILT, AS ABOVE	OPEN HOLE 348-425- NO WATER PRODUCTION- DRILLER ADDING WATER TO CLEAN HOLE-
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						



PROJECT NUMBER	BORING NUMBER	SHEET	OF
	TEST WELL #1	13	
SOIL BORING LOG			

PROJECT _____ LOCATION _____
 ELEVATION _____ DRILLING CONTRACTOR _____
 DRILLING METHOD AND EQUIPMENT _____
 WATER LEVELS _____ START _____ FINISH _____ LOGGER GALL

DEPTH BELOW SURFACE (FT)	SAMPLE			STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION	COMMENTS
	INTERVAL	NUMBER AND TYPE	RECOVERY (FT)			
480						
490					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
500					SILT, BLUSH GRN, ≈ 503 FT BGS	DRILL CHATTER TO 503 FT BGS
510						
520					SILT, GRAVEL, LT. OLIVE GRAY 54 5/2, FEW % GRAVEL (WASH?)	CHATTER AT 520-525 MARKING 2-5 BGS DRILLING 11/27/00
530					SILT, DUSKY YELLOW GRN 56 1/2 SOME FINE-GRAINED SAND	533 FT CHATTER, SLOWER DRILLING, DRILLER ADDING H ₂ O
540						



PROJECT NUMBER

BORING NUMBER

TEST WELL #

SHEET

OF 14

SOIL BORING LOG

PROJECT

LOCATION PATSY WARGIN PROPERTY

ELEVATION

DRILLING CONTRACTOR

DRILLING METHOD AND EQUIPMENT

WATER LEVELS

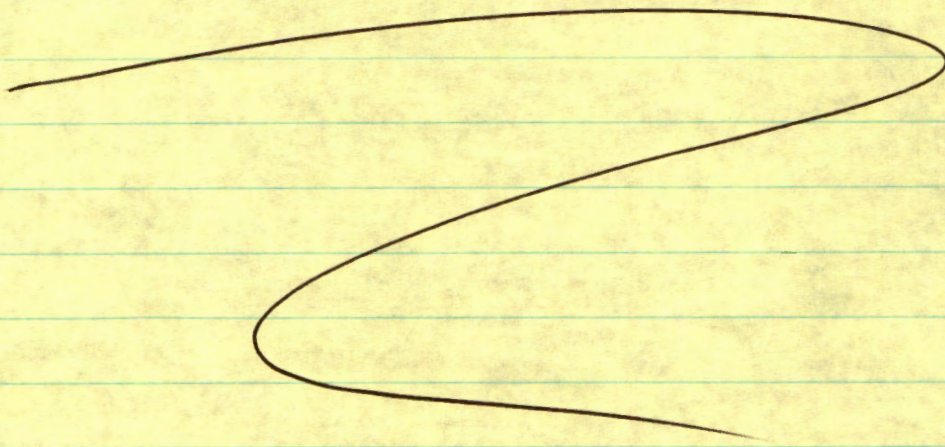
START

FINISH

LOGGER GALL

DEPTH BELOW SURFACE (FT)	SAMPLE			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
	INTERVAL	NUMBER AND TYPE	RECOVERY (FT)			
540					SILT, DUSKY YELLOW GRN S G Y 572 SOME FINE-GRAINED SAND	DRILLER ADDING H ₂ O 11/27/00
550					SILT, LT OLIVE GRAY TO DUSKY YELL. GRN.	NO CHATTER, DRILLER ADDING H ₂ O V. LITTLE CUTTINGS RETURN
560						
570						NO CHATTER, "SMOOTH" DRILLING, SLOWER DRILL RATE SUGGESTS SEMI- CONSOLIDATED, V. FEW CUTTINGS (OLIVE AND) TO 575 FT
580					GRAVEL POORLY-SORTED MOD. WELL (ROUNDED) TO ANGRULAR, with sand (mod. -20S. -gravel) gravel to 1.5 inch	11-28-00 NO WATER IN CASING AFTER OVERNITE REST 100+ GPM WATER CONDUCTIVITY YSI METER = 11.8 MS MS 14.7°C = 11.8 MS COLLECT WATER SAMPLE IN CLEAN, PLASTIC 1 GAL. JUG FINISH DRILLING TO 600 FT 11-28-00 10:10
590						
600						

APPENDIX A



Input Data:

Variable	Name	Minimum	"Best"	Maximum	Unit
Well Owner or Well Number	Well		Wargin #1		
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		28		[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 (β >= 1 ==> velocity divide has reached stream)	Beta, β	0.86	0.30	0.21		= Q/(K*b*i**a)
SQRT(Beta-1)		0.00	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	rwd	930	241	170	[ft]	= a-(a*SQRT(1-β))
Steady-State Stream Depletion (Wilson & Linderfelt)		100%	100%	100%		
Steady-State Induced Infiltration (Wilson & Linderfelt)		0%	0%	0%		= (2/)*{-SQRT(β-1)/β+ATAN[(

Input Data:

Variable	Name	Minimum	"Best"	Maximum	Unit
Well Owner or Well Number	Well		Wargin #2		
X Coord. for X-Section (Head Distribution)	x		0		[ft]
Perpendicular Distance From Well to Stream	a		1,900		[ft]
Net Steady Pumping Rate	Q		28		[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	0.2025	0.0698	0.0506		= ((a^2*S)/(4Tt))^7.48
Transient Stream Depletion (Theis/Jenkins)	SDTr	52%	71%	75%		= erfc SQRT(a*a*S)/4Tt)
Transient Induced Infiltration (Theis/Jenkins)	IITr					

Steady-State Stream Depletion:

Dimensionless Pumping Rate (β >= 1 ==> velocity divide has reached stream)	Beta, β	0.68	0.23	0.17		= Q/(K*b*i**a)
SQRT(Beta-1)		0.00	0.00	0.00		
Critical pumping rate	Qc	41	120	166	[gpm]	= K*b*i**a
Dist. fr Well to Velocity Divide at Steady State	r _{vd}	818	236	168	[ft]	= a-(a*SQRT(1-β))
Steady-State Stream Depletion (Wilson & Linderfelt)		100%	100%	100%		
Steady-State Induced Infiltration (Wilson & Linderfelt)		0%	0%	0%		= (2/)*{-SQRT(β-1)/β+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/ft²) 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/ft²), 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

$K = 145 \text{ gpd/ft}^2$ $S = 0.01$
Best K based on ag. 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

$S = 0.01$

$S = 0.02$

$S = 0.03$

TSD = 65% @ 10 days

↓ = 52% " "

↓ = 44% " "

Decrease K 25% to 109 gpd/ft²

$S = 0.01$

$S = 0.02$

$S = 0.03$

TSD = 56% @ 10 days

↓ = 41% " "

↓ = 32% " "

Best storativity based on ag. test data: $S = 0.0006$ up to 0.003

$K = 145 \text{ gpd/ft}^2$ $S = 0.003$ 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

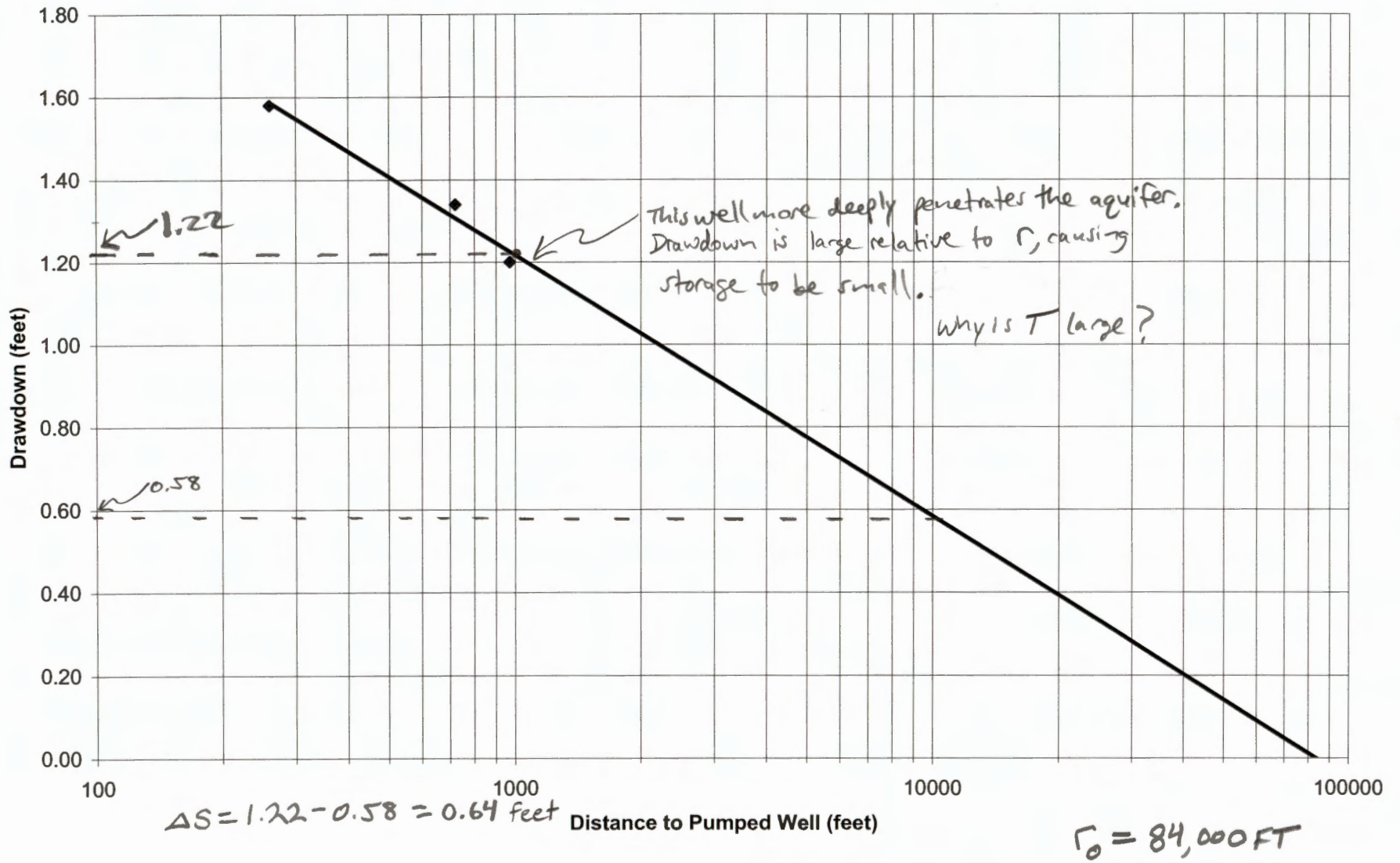
Decrease K 75% to 36 gpd/ft² $S = 0.003$ TSD = 58% @ 10 days

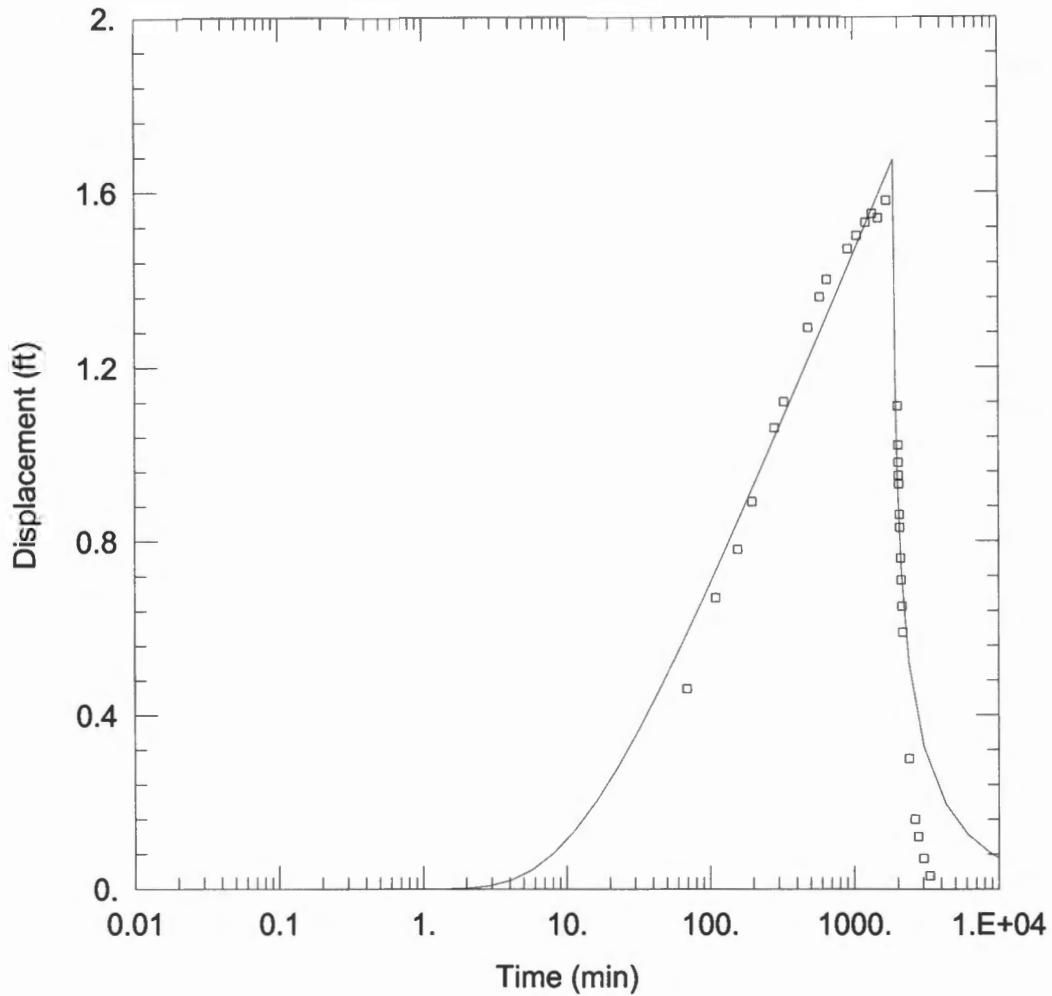
**Test Well #1 (JOSE 53826) Aquifer Test Summary
February 14, 2001**

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





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

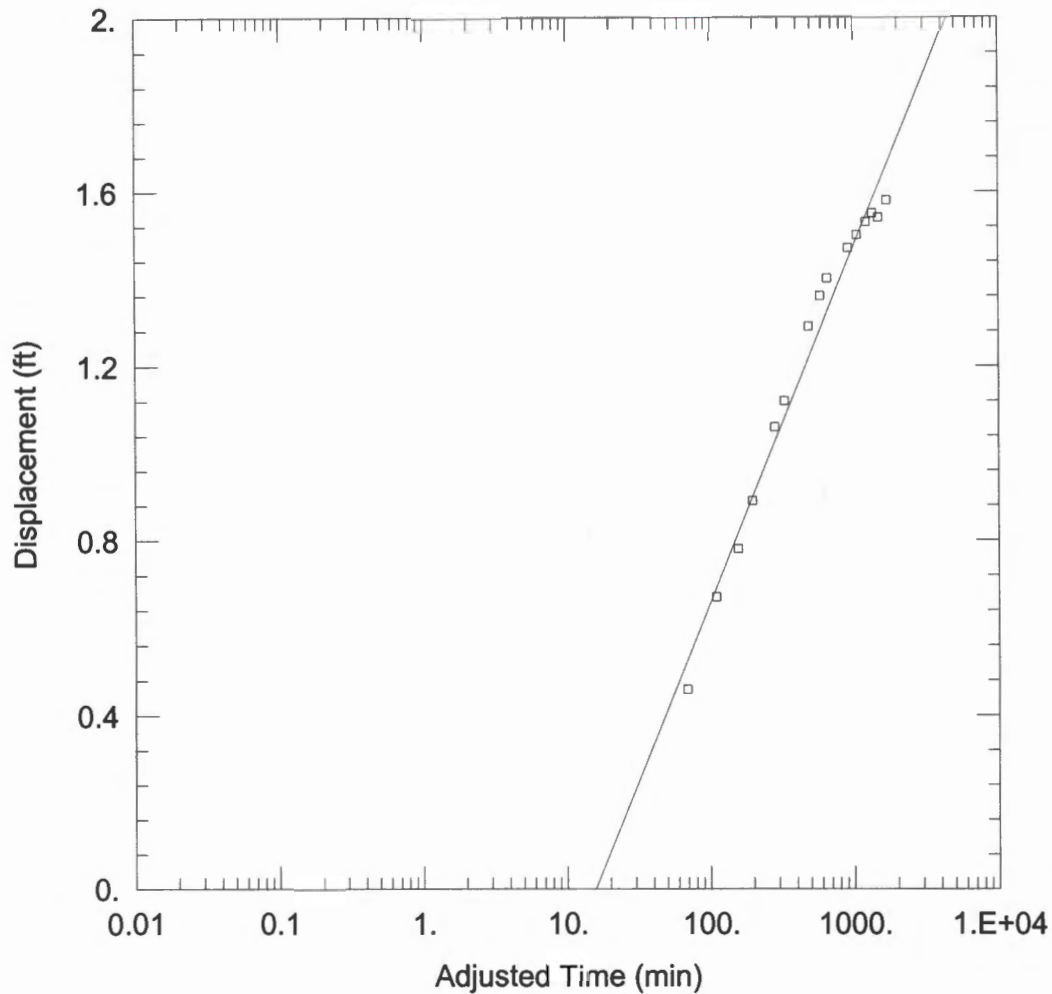
Solution Method: Theis

T = 4.55 ft²/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

Observation Wells

Well Name	X (ft)	Y (ft)	Well Name	X (ft)	Y (ft)
JOSE53826	0	0	□ JOSE13046	0	260

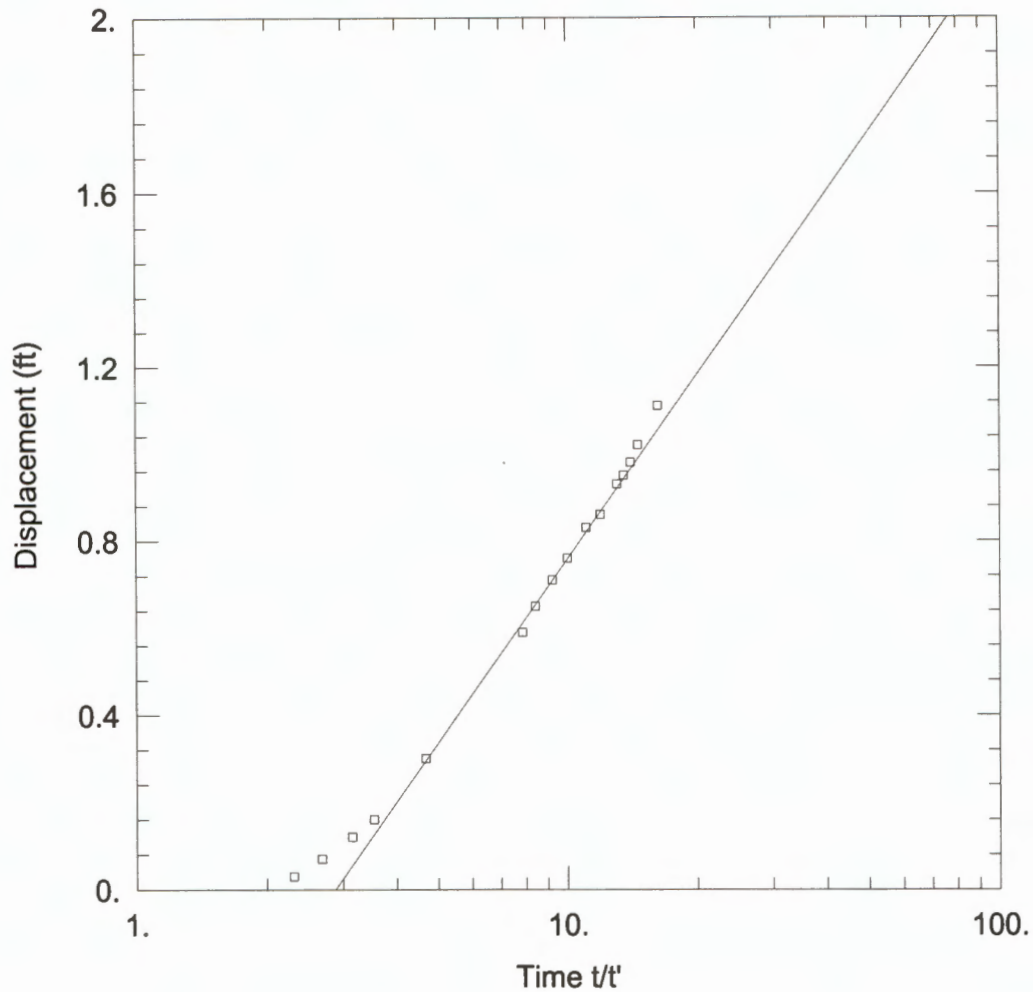
SOLUTION

Aquifer Model: Confined

Solution Method: Cooper-Jacob

T = 4.344 ft²/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: February 14, 2001

AQUIFER DATA

Saturated Thickness: 210. ft

Anisotropy Ratio (Kz/Kr): 0.001525

WELL DATA

Pumping Wells

Observation Wells

Well Name	X (ft)	Y (ft)
JOSE53826	0	0

Well Name	X (ft)	Y (ft)
□ JOSE13046	0	260

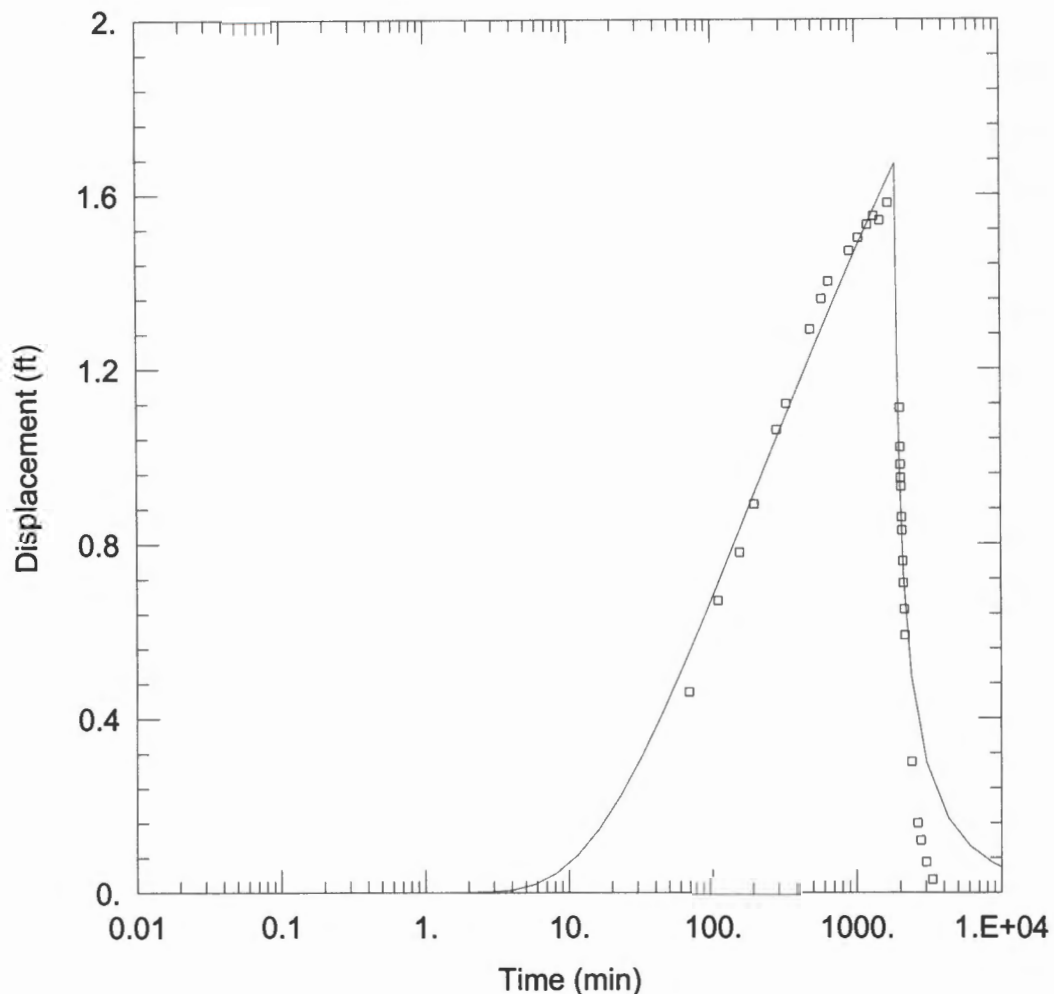
SOLUTION

Aquifer Model: Confined

Solution Method: Theis (Recovery)

T = 2.532 ft²/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: February 14, 2001

WELL DATA

Pumping Wells

Observation Wells

Well Name	X (ft)	Y (ft)	Well Name	X (ft)	Y (ft)
JOSE53826	0	0	JOSE13046	0	260

SOLUTION

Aquifer Model: Leaky

Solution Method: Hantush

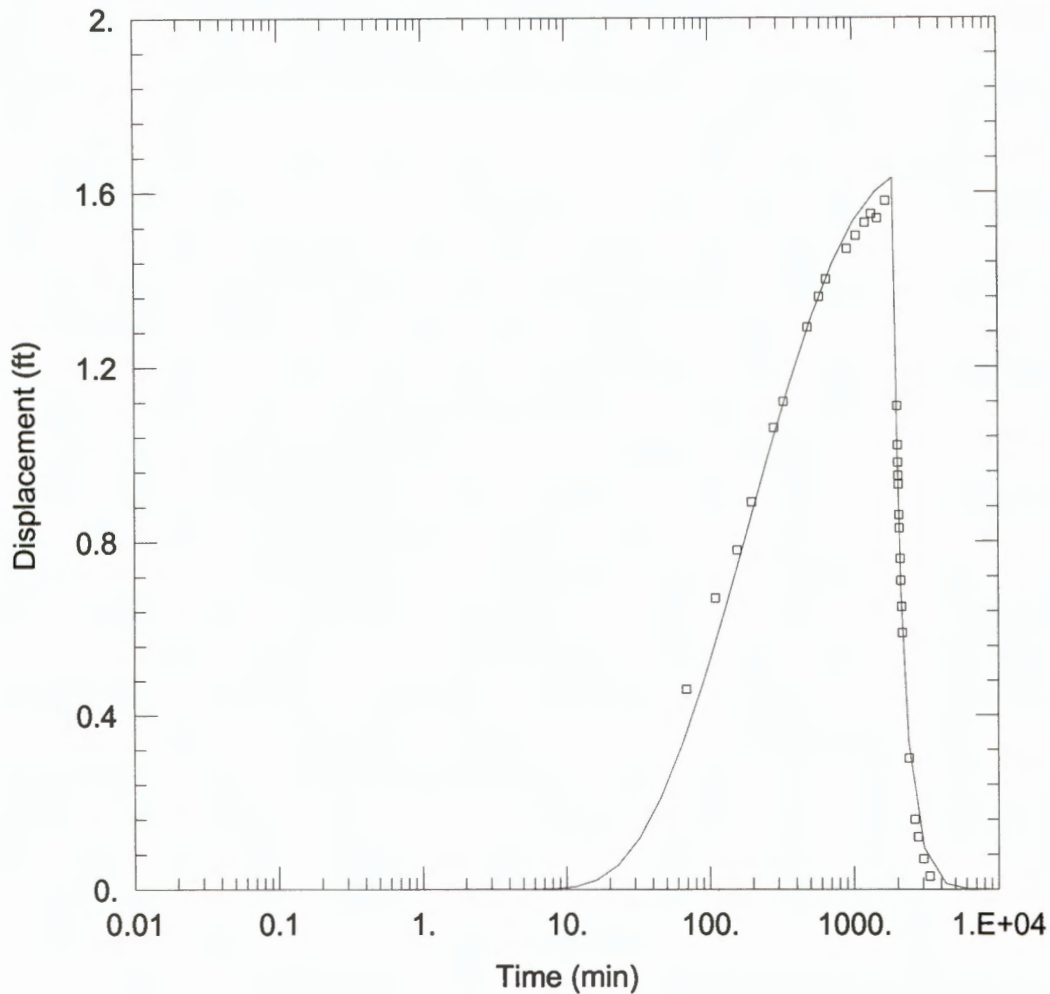
T = 3.216 ft²/min

S = 0.002278

β = 0.05872

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: 11:11:30

PROJECT INFORMATION

Company: OWRD

Test Location: Illinois Valley

Test Well: JOSE53826

Test Date: Februrary 14, 2001

WELL DATA

Pumping Wells

Observation Wells

Well Name	X (ft)	Y (ft)
JOSE53826	0	0

Well Name	X (ft)	Y (ft)
□ JOSE13046	0	260

SOLUTION

Aquifer Model: Leaky

Solution Method: Hantush-Jacob

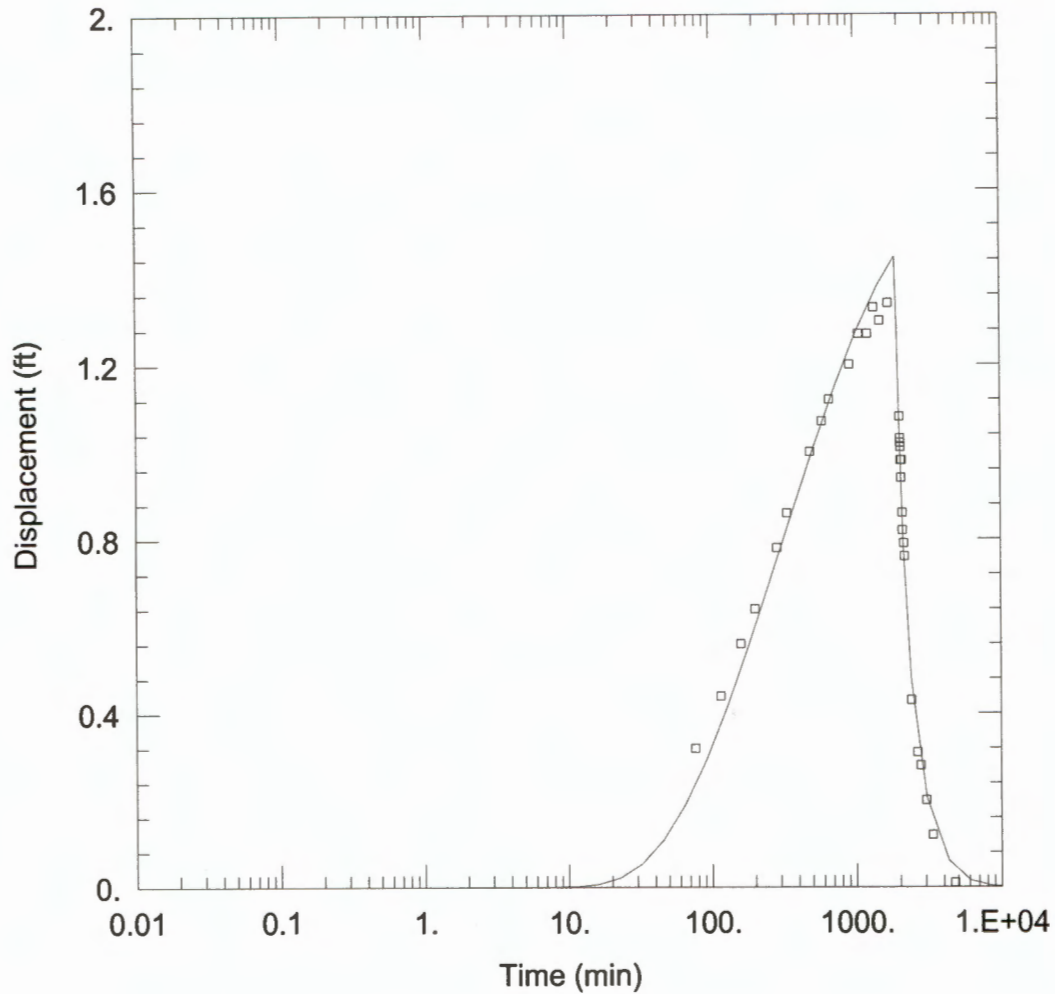
T = 1.983 ft²/min

S = 0.00461

r/B = 0.4213

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: 11:38:15

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

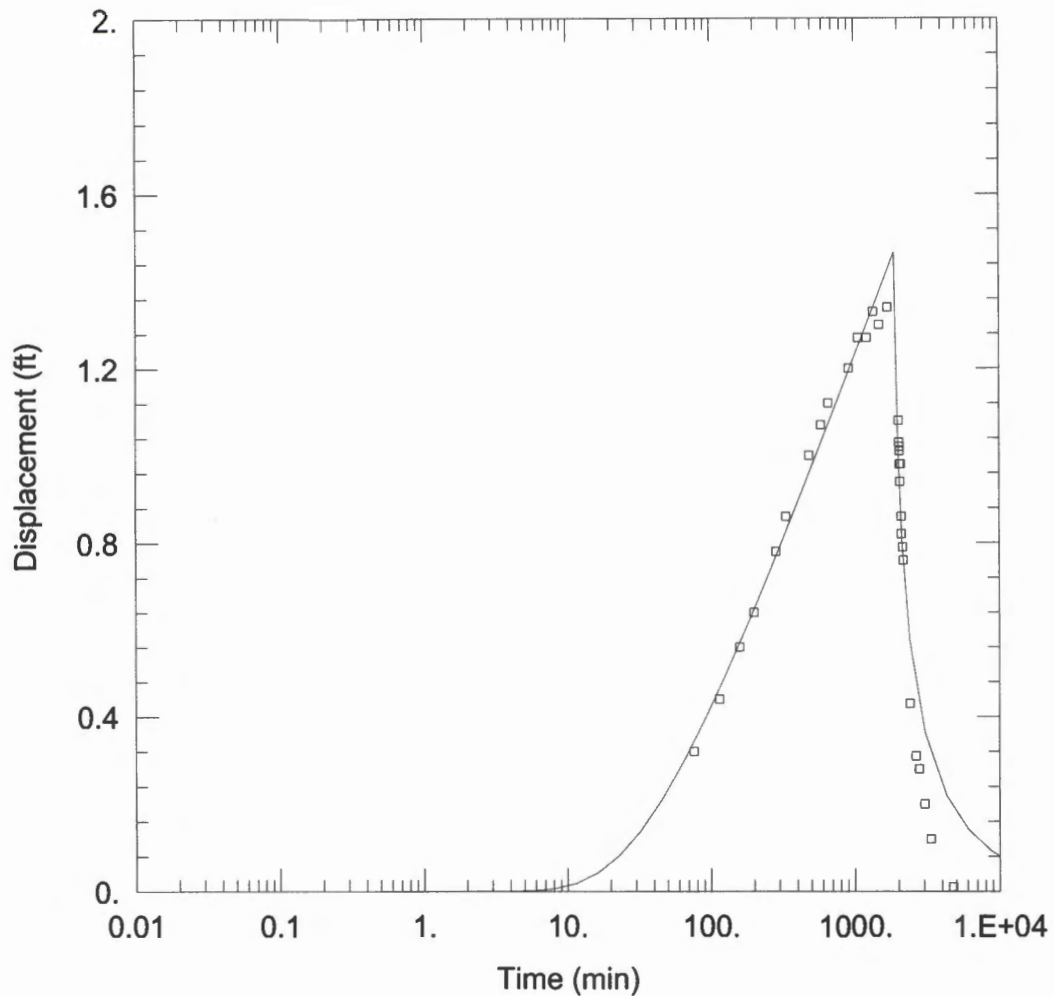
SOLUTION

Aquifer Model: Leaky

Solution Method: Hantush-Jacob

T = 2.496 ft²/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: February 14, 2001

WELL DATA

Pumping Wells

Observation Wells

Well Name	X (ft)	Y (ft)
JOSE53826	0	0

Well Name	X (ft)	Y (ft)
□ JOSE53718	0	720

SOLUTION

Aquifer Model: Confined

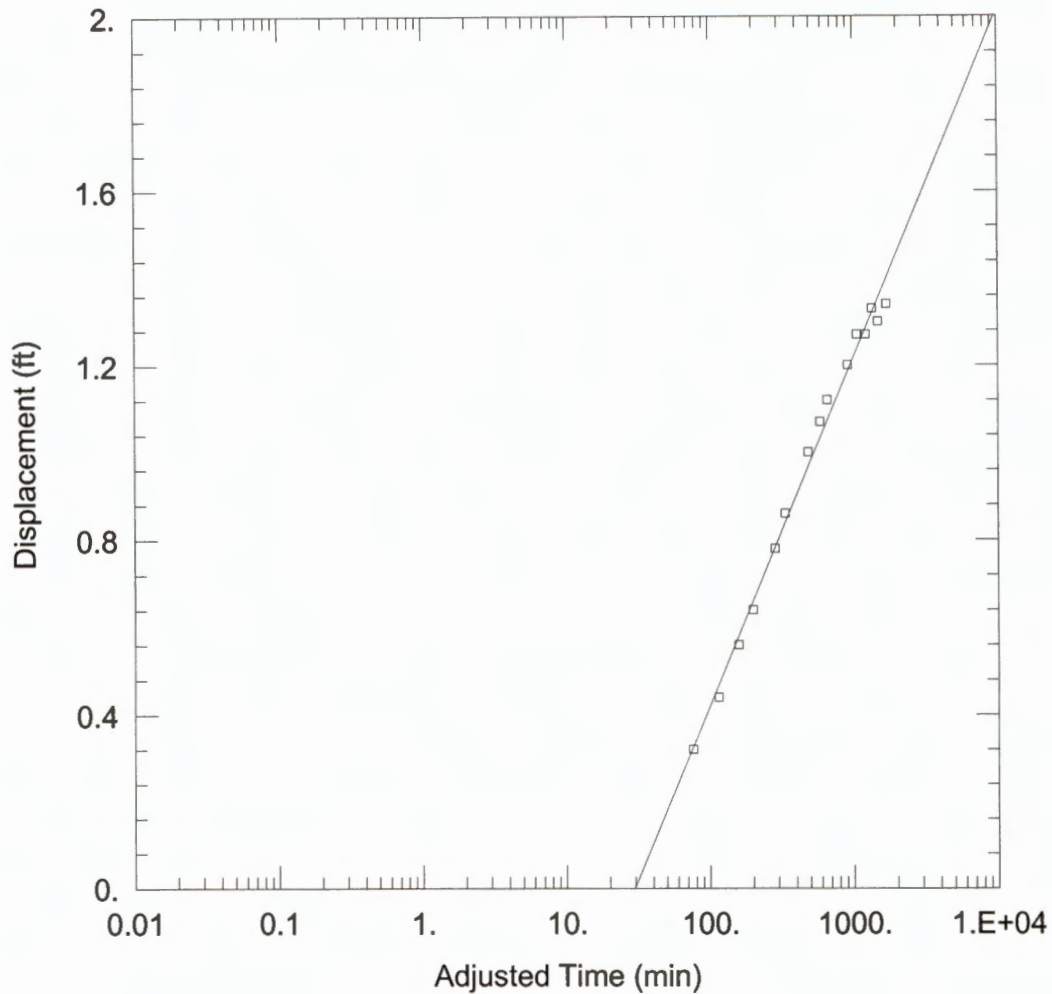
Solution Method: Thisis

T = 4.036 ft²/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

Observation Wells

Well Name	X (ft)	Y (ft)
JOSE53826	0	0

Well Name	X (ft)	Y (ft)
□ JOSE53718	0	720

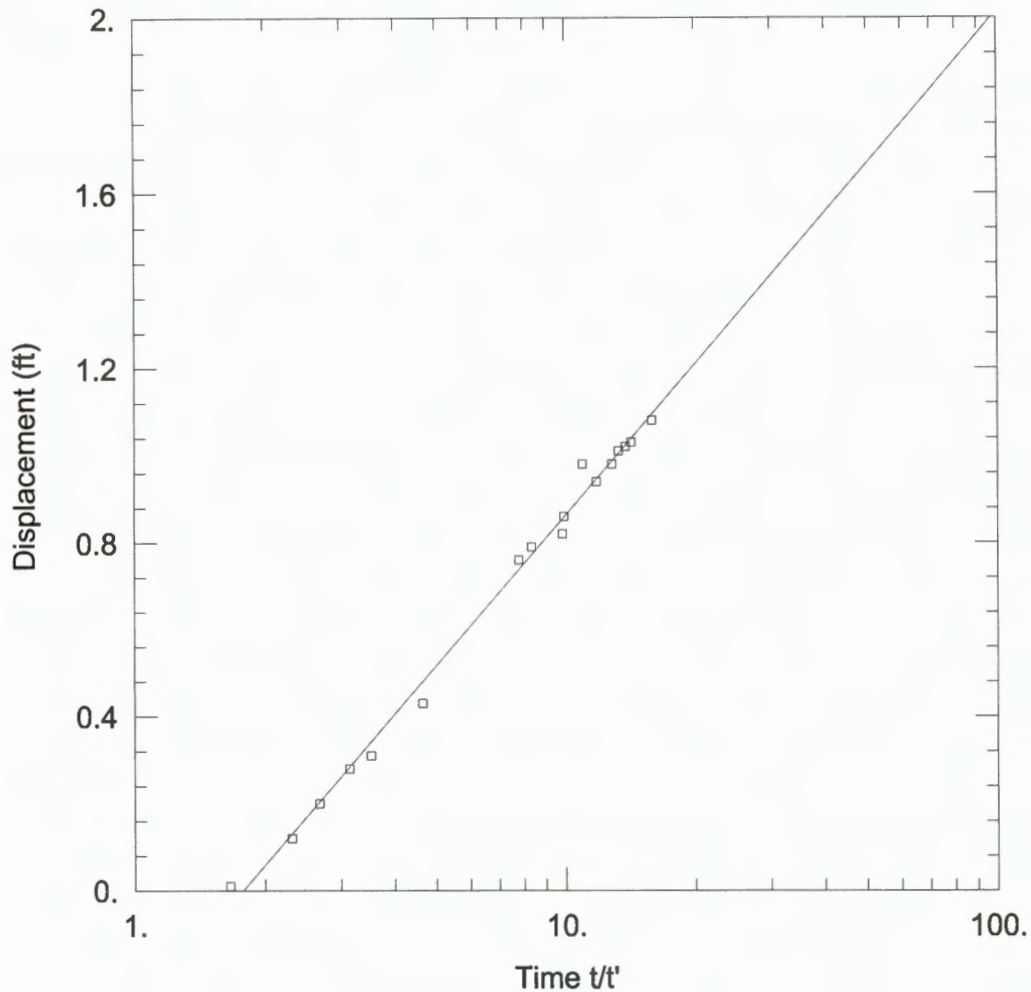
SOLUTION

Aquifer Model: Confined

Solution Method: Cooper-Jacob

T = 4.456 ft²/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

Observation Wells

Well Name	X (ft)	Y (ft)
JOSE53826	0	0

Well Name	X (ft)	Y (ft)
□ JOSE53718	0	720

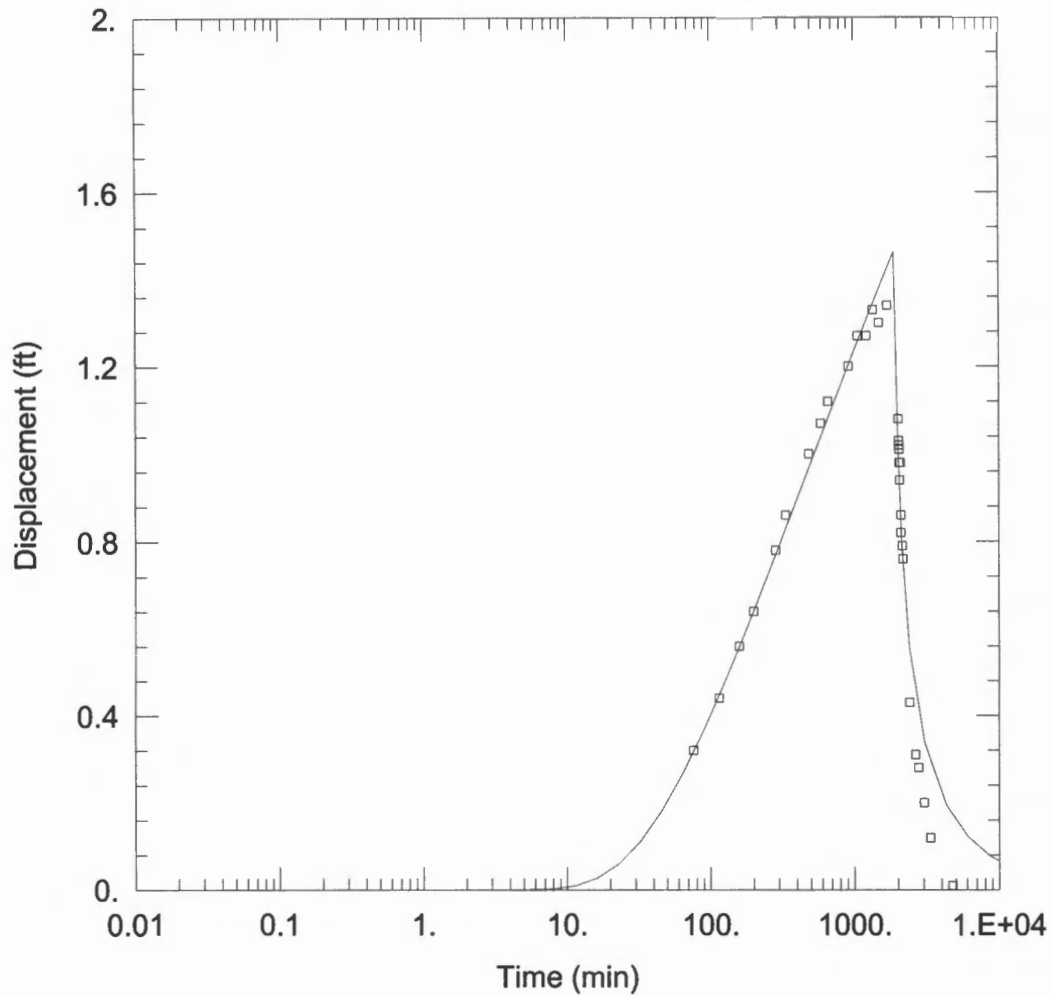
SOLUTION

Aquifer Model: Confined

Solution Method: Theis (Recovery)

T = 3.088 ft²/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

Observation Wells

Well Name	X (ft)	Y (ft)
JOSE53826	0	0

Well Name	X (ft)	Y (ft)
□ JOSE53718	0	720

SOLUTION

Aquifer Model: Leaky

Solution Method: Hantush

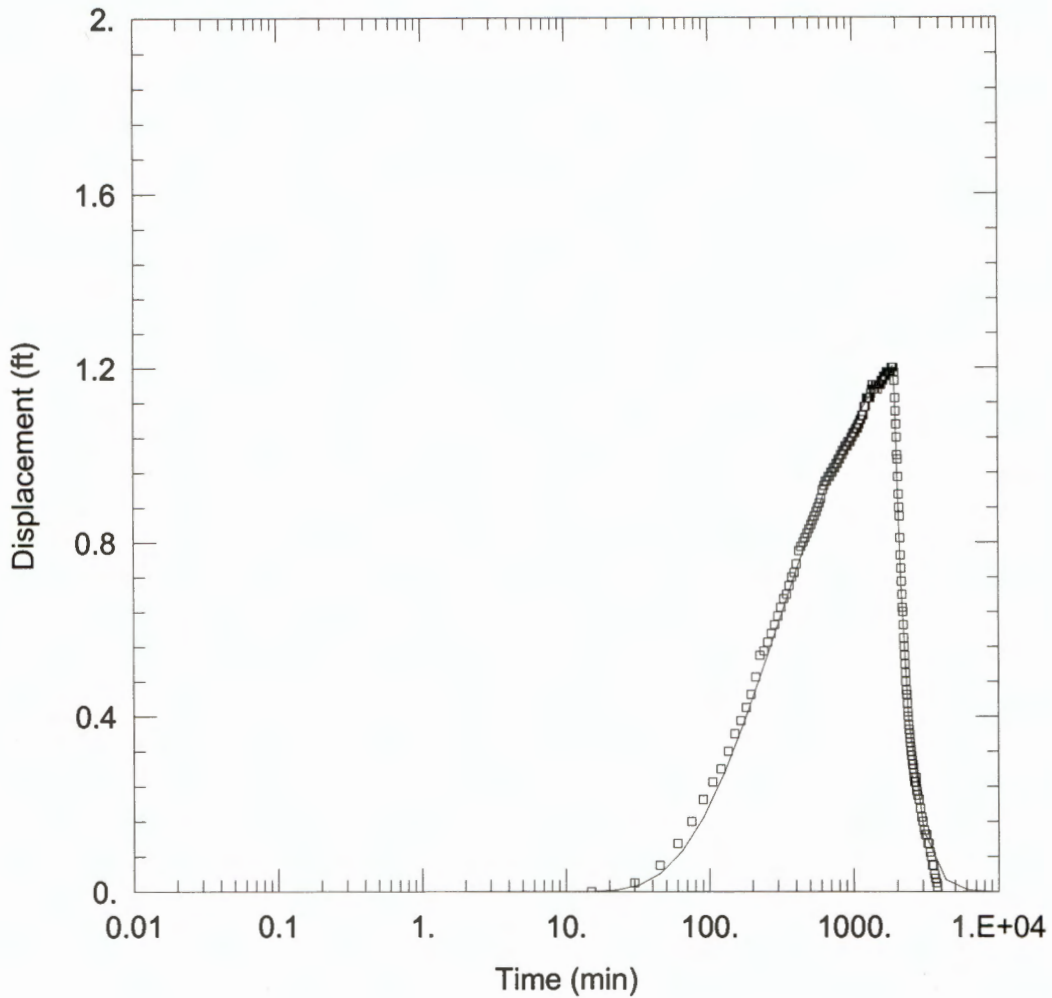
T = 2.874 ft²/min

S = 0.0006701

β = 0.076

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: 08:16:41

PROJECT INFORMATION

Company: OWRD
 Test Location: Illinois Valley
 Test Well: JOSE53826
 Test Date: Februrary 14, 2001

WELL DATA

Pumping Wells			Observation Wells		
Well Name	X (ft)	Y (ft)	Well Name	X (ft)	Y (ft)
JOSE53826	0	0	□ JOSE13049	970	0

SOLUTION

Aquifer Model: Leaky

Solution Method: Hantush-Jacob

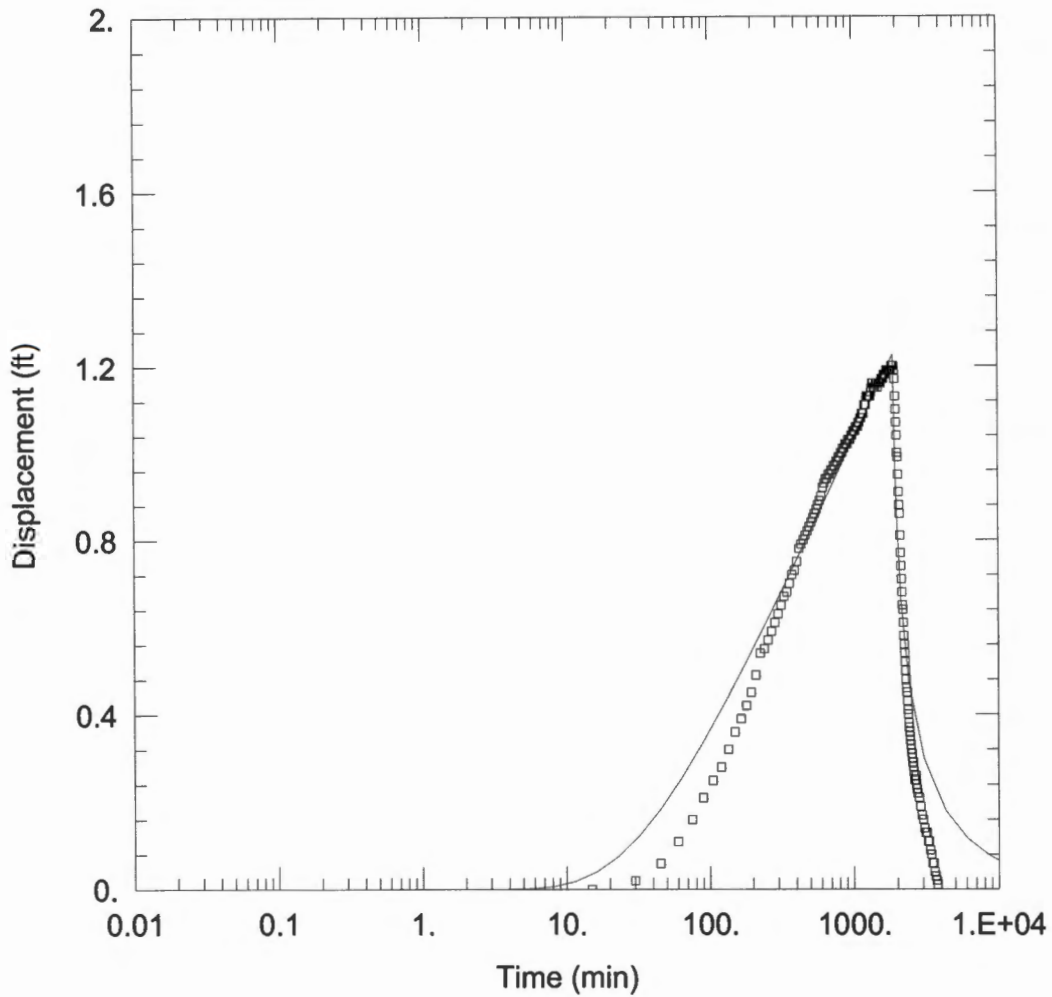
T = 2.094 ft²/min

S = 0.0007618

r/B = 0.5424

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: 08:13:18

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

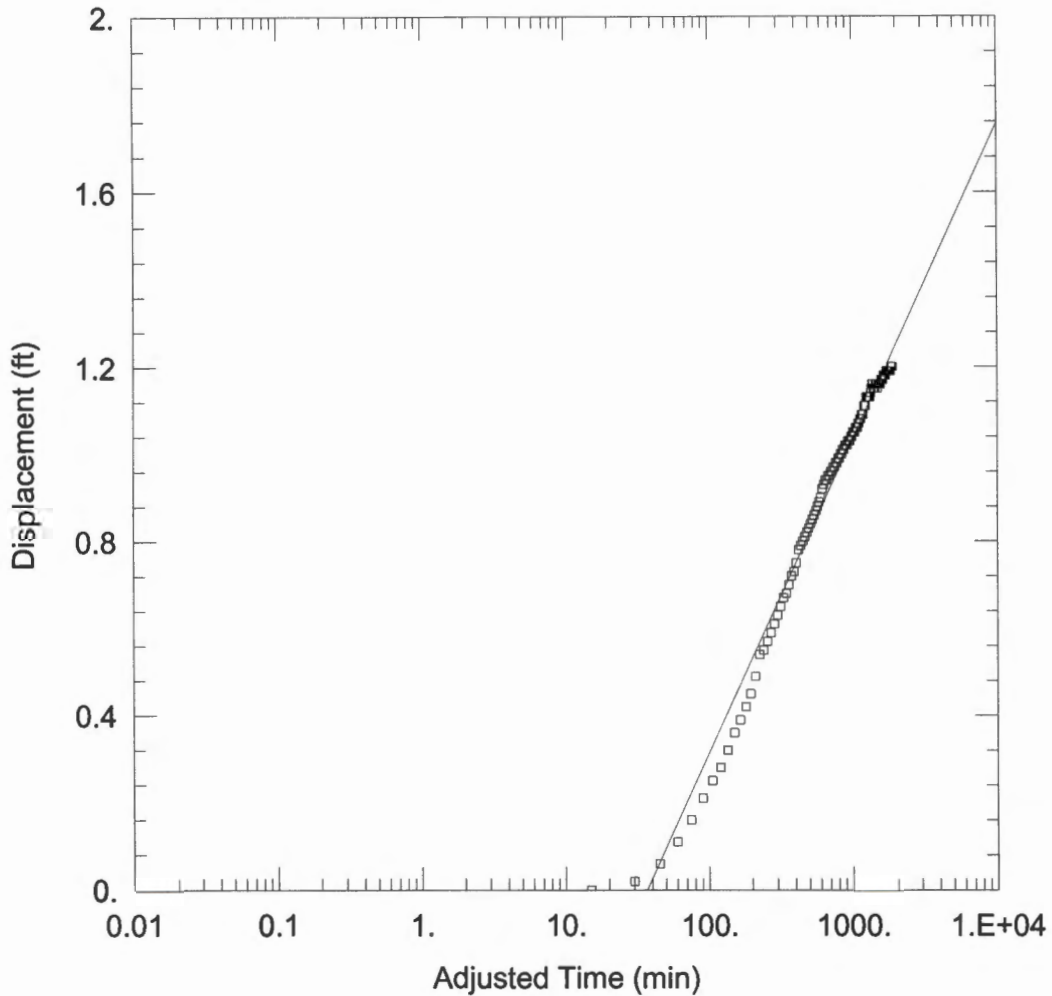
Solution Method: Theis

T = 4.907 ft²/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

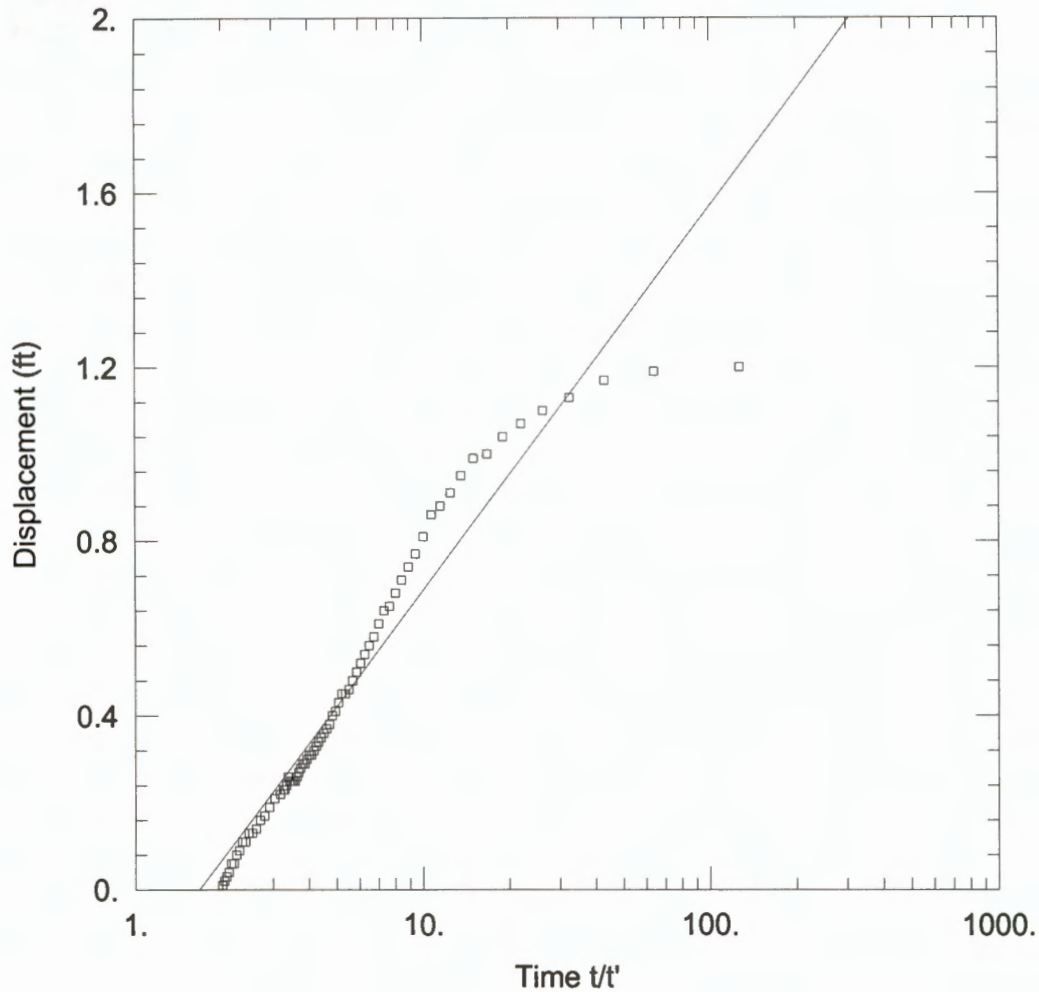
SOLUTION

Aquifer Model: Confined

Solution Method: Cooper-Jacob

T = 4.922 ft²/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

Observation Wells

Well Name	X (ft)	Y (ft)
JOSE53826	0	0

Well Name	X (ft)	Y (ft)
□ JOSE13049	970	0

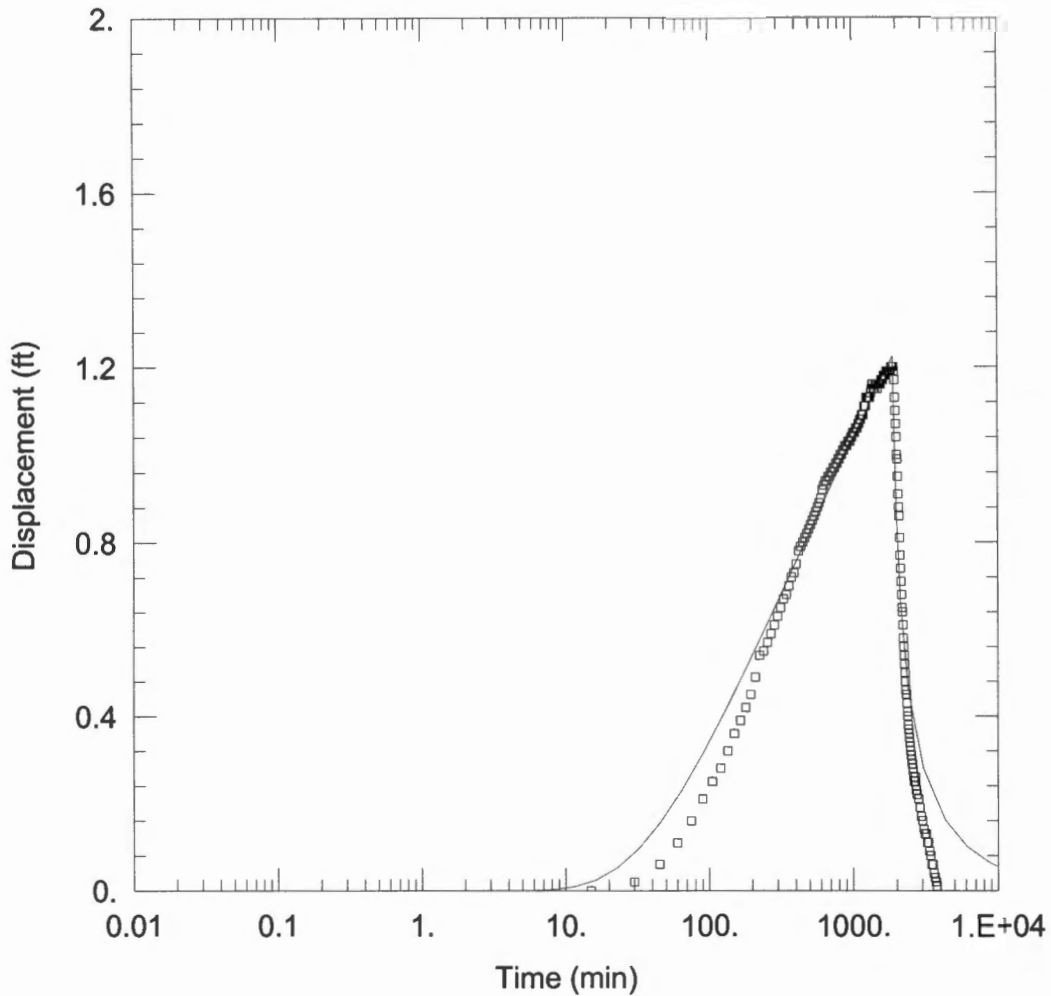
SOLUTION

Aquifer Model: Confined

Solution Method: Theis (Recovery)

T = 4.024 ft²/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 ft²/min

S = 0.0004294

β = 0.07919

Kz/Kr = 0.001525

b = 210. ft

12-06-2001 I.K. GALL
 AQUIFER TEST ANALYSIS FOR TEST WELL #1 (JOSE 53826)

AQUIFER THICKNESS:

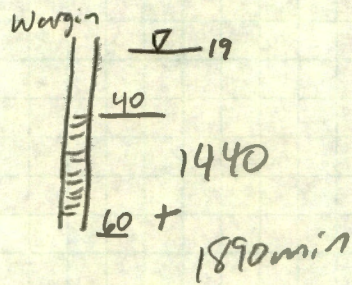
- Based on JOSE 53718 (WARGIN), water-producing zone is 50-75 ft bgs.
- Based on JOSE 13046 (KAREN'S), wbe is 27-60 ft bgs.
- Based on JOSE 53826 (TEST WELL #1), water table = 20 ft bgs, some water at 43 ft bgs, "lots" of water at 53 ft bgs. Base of ag. @ ~230 ft bgs. Well perfor. 100-220 ft bgs.
- Assume aquifer from 20-230 feet bgs, = 210 ft thick

WELL COORDS. TAKEN FROM 1"=400' APPLICATION MAP

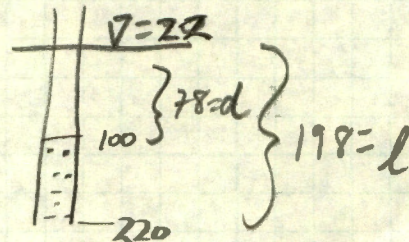
Test well #1 = 0,0
 WARGIN (JOSE 53718) = 700 FT, 120 FT 720 FT
 KAREN'S (JOSE 13046) = 30 FT, 230 FT 260 FT N
 HERNDON (JOSE 13049) = 970' E

GENERATOR 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

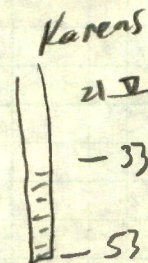
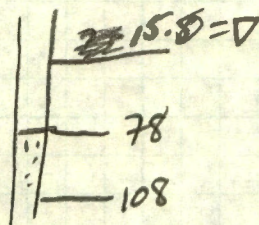
(145 gpm) • 19.3824 ft³/min



JOSE 53826: Partial penetⁿ



JOSE 13049



DISTANCE-DRAWDOWN
TEST WELL #1 - JOSE 53826

JUAN GALL
01-31-2002

$$T = \frac{2.3Q}{2\pi r_0 \Delta S}$$

$$S = \frac{2.25 T t}{r_0^2}$$

$$Q = 145 \text{ gpm} = 19.3824 \text{ ft}^3/\text{min}$$

$$= 0.323 \text{ cfs}$$

$$t = 1,890 \text{ minutes}$$

$$\pi = 3.1416$$

$$r_0 = 84,000 \text{ feet (from graph)}$$

$$\Delta S = 0.64 \text{ feet (from graph)}$$

$$T = \frac{2.3(19.3824 \text{ ft}^3/\text{min})}{2(3.1416)(0.64 \text{ ft})} = \frac{44.58 \text{ ft}^3/\text{min}}{4.02 \text{ ft}} = \boxed{11.1 \text{ ft}^2/\text{min} = T}$$

$$S = \frac{2.25(11.1 \text{ ft}^2/\text{min})(1,890 \text{ min})}{(84,000 \text{ ft})^2} = \frac{47,203 \text{ ft}^2}{7,056,000,000 \text{ ft}^2} = \boxed{6.7 \times 10^{-6} = S}$$

$$T = \frac{2.303(0.323 \text{ ft}^3/\text{sec})}{2(3.1416)(0.64 \text{ ft})} = \frac{0.7439 \text{ ft}^3/\text{sec}}{4.0212 \text{ ft}} = 0.185 \text{ ft}^2/\text{sec} = 11.09 \text{ ft}^2/\text{min}$$

$$u = \frac{r^2 S}{4Tt} = \frac{0.970^2 \cdot 6.7 \times 10^{-6}}{4(11.1 \text{ ft}^2/\text{min})(1890 \text{ min})} = \frac{6.304 \text{ ft}^2}{83,916 \text{ ft}^2} = 0.0001$$



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
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-NE $\frac{1}{4}$ NW $\frac{1}{4}$, 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-NE $\frac{1}{4}$ NW $\frac{1}{4}$, 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 priority date of November 1, 1919 for irrigation of 5.04 acres.

The point of diversion for this right is in the NW $\frac{1}{4}$ SW $\frac{1}{4}$, 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-NE $\frac{1}{4}$ NW $\frac{1}{4}$, 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 NE $\frac{1}{4}$ NW $\frac{1}{4}$, 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-NE $\frac{1}{4}$ NW $\frac{1}{4}$, 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 SE $\frac{1}{4}$ NW $\frac{1}{4}$, Section 1, T 40 S, R 8 W, W.M.

63788
Certificate 76388, 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 NW $\frac{1}{4}$ SW $\frac{1}{4}$, 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-NE $\frac{1}{4}$ NW $\frac{1}{4}$, 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 SE $\frac{1}{4}$ NW $\frac{1}{4}$, 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.

AFFIDAVIT FOR THE PARTIAL DIMINUTION OF A
WATER RIGHT CERTIFICATE

State of Oregon)
County of _____) ss

I/We, _____, residing at _____,
_____, 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 _____¹/₄ _____¹/₄, Section _____, Township _____ N/S, Range _____ E/W, of the Willamette Meridian, in _____ 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 _____ issued to _____, with a date of priority of _____ for use of _____ cubic foot per second of water from _____ (sources) for the purpose of _____ (uses) is appurtenant to my/our property;
3. I/We have obtained a _____ (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 _____ cubic foot per second from _____ for the irrigation of _____ acres located:

_____ ¹/₄ _____ ¹/₄ _____ Acres

_____ ¹/₄ _____ ¹/₄ _____ Acres

Section _____

Township _____ N/S, Range _____ 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 _____ for irrigation of said lands.
6. My/Our property _____ is / _____ is not within an irrigation district. If within, the name of the district is _____.
7. There _____ are/ _____ are not encumbrance holders for my/our property. If there are, a list of encumbrance holders with their addresses is attached.

Signature of Legal Owner

Date

Signature of Co-Owner

Date

Subscribed and Sworn to Before Me this _____ day of _____, _____.

Notary Public for Oregon

My Commission Expires _____

PLEASE ATTACH MAP AND DEED WITH LEGAL DESCRIPTION

AFFIDAVIT FOR THE PARTIAL DIMINUTION OF A
WATER RIGHT CERTIFICATE

State of Oregon)
) ss
County of _____)

I/We, _____, residing at _____,
_____, phone _____, being first duly sworn depose and say:

- I/We are the legal owner(s) of the property described as tax lot number _____, within the NE 1/4 NW 1/4, Section 1, Township 40 N/S; Range 8 E/W of the Willamette Meridian, in _____ County, Oregon, as shown on the attached map and described in the attached deed and legal description and made part of this affidavit;
- A portion of water right certificate number 63788 issued to Amos ... with a date of priority of ... for use of ... cubic foot per second of water from Sucker Creek (sources) for the purpose of ... (uses) is appurtenant to my/our property;
- I/We have obtained a _____ (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 0.13 cubic foot per second from Sucker Creek for the irrigation of 9.96 acres located:
NE 1/4 NW 1/4 9.96 Acres
_____ 1/4 _____ 1/4 _____ Acres
Section 1
Township 40 N/S; Range 8 E/W, WM;
- 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
- 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 _____ for irrigation of said lands.
- My/Our property _____ is / _____ is not within an irrigation district. If within, the name of the district is _____.
- There _____ are/ _____ are not encumbrance holders for my/our property. If there are, a list of encumbrance holders with their addresses is attached.

Signature of Legal Owner Date

Signature of Co-Owner Date

Subscribed and Sworn to Before Me this _____ day of _____, _____.

Notary Public for Oregon

My Commission Expires _____

AFFIDAVIT FOR THE PARTIAL DIMINUTION OF A
WATER RIGHT CERTIFICATE

State of Oregon)
) ss
County of _____)

I/We, _____, residing at _____,
_____, 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 NE 1/4 NW 1/4, 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 21.442 (uses) is appurtenant to my/our property;
3. I/We have obtained a _____ (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 0.07 cubic foot per second from Sucker Creek for the irrigation of 3.4 acres located:

<u>NE</u> 1/4 <u>NW</u> 1/4	<u>5.04</u> Acres
_____ 1/4 _____ 1/4	_____ Acres
Section <u>1</u>	
Township <u>40</u> N/S, Range <u>8</u> 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 _____ for irrigation of said lands.
6. My/Our property _____ is / _____ is not within an irrigation district. If within, the name of the district is _____.
7. There _____ are/ _____ are not encumbrance holders for my/our property. If there are, a list of encumbrance holders with their addresses is attached.

Signature of Legal Owner

Date

Signature of Co-Owner

Date

Subscribed and Sworn to Before Me this _____ day of _____, _____.

Notary Public for Oregon

My Commission Expires _____



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.

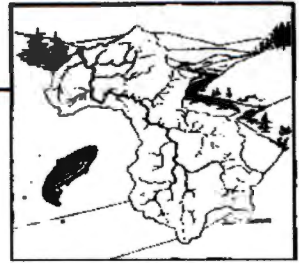
T-9071





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 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

T-9071

RECEIVED

MAR 27 2002

WATER RESOURCES DEPT.
SALEM, OREGON

County: JOSEPHINE
Transfer: 9071
Certificate: 7148,63788
Priority Date: 12/31/1872,11/01/1919
Name: PATSY A. WARGIN
Address: 4295 HOLLAND LOOP ROAD; CAVE JUNCTION, OR
97523
Change: POD
Source: SUCKER CREEK
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

Patsy A. Wargin
4295 Holland Loop Road
Cave Junction, OR 97523

REFERENCE: Transfer 9071

On 03-27-2002 we received your water right transfer application requesting a **change in 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





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 # 9071**

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

TRANSFER CHECK OFF LIST

TRANSFER FILE # 9071
DATE RECEIVED 3-27-02
DATE MONEY SLIPPED 3-27-02 waived
DATE RECEIPTED 3-27-02
VALID WATER RIGHT? Yes No
TEMP ALT AC ___ (Greg) IRR DIST ___ (Greg) PERM AMEND ___ (Kelly) DIV 15 (Bernie Assigns)
TEMP Div 15 ___ (Bernie) ISWR Bernie COPIES TO LIAISON _____

LETTER FROM ATTORNEY _____ YES (PUT INFO ON FRONT COVER) 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 (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

Terlson

*SHRINK DATA IF THERE ARE MANY FILES INVOLVED AND GLUE TO FOLDER