

WATER RESOURCES DEPARTMENT

RECEIPT # 96035

3850 PORTLAND ROAD NE
SALEM, OR 97310
378-8455/378-8130 (FAX)

RECEIVED FROM:

Walden Hatfield

BY:

APPLICATION

PERMIT

TRANSFER

CASH:

CHECK: #

OTHER: (IDENTIFY)

 24-7038

TOTAL REC'D

\$ 430.00

01-00-0 WRD MISC CASH ACCT

842.010 ADJUDICATIONS
831.087 PUBLICATIONS/MAPS
830.650 PARKING FEES Name/month
OTHER: (IDENTIFY)

\$ 430.00
\$
\$
\$

REDUCTION OF EXPENSE

CASH ACCT.

COST CENTER AND OBJECT CLASS

VOUCHER #

\$

03-00-0 WRD OPERATING ACCT

MISCELLANEOUS:

840.001 COPY FEES
850.200 RESEARCH FEES
880.109 MISC REVENUE: (IDENTIFY)
520.000 OTHER (P-6): (IDENTIFY)

\$
\$
\$
\$

WATER RIGHTS:

842.001 SURFACE WATER
842.003 GROUND WATER
842.005 TRANSFER

EXAM FEE

\$
\$
\$

842.002
842.004
842.006

RECORD FEE

\$
\$
\$

WELL CONSTRUCTION

842.022 WELL DRILL CONSTRUCTOR
842.016 WELL DRILL OPERATOR
LANDOWNER'S PERMIT

EXAM FEE

\$
\$

842.023
842.019
842.024

LICENSE FEE

\$
\$
\$

06-00-0 WELL CONST START FEE

842.013 WELL CONST START FEE
MONITORING WELLS

\$
\$

CARD #

CARD #

45-00-0 LOTTERY PROCEEDS

864.000 LOTTERY PROCEEDS

\$

07-00-0 HYDRO ACTIVITY

LIC NUMBER

842.011 POWER LICENSE FEE(FW/WRD)
842.115 HYDRO LICENSE FEE(FW/WRD)

\$
\$

HYDRO APPLICATION

\$

RECEIPT #

96035

DATED:

1/6/93

BY:

C. Engel



JUL 29 1994

STATE OF OREGON

WATER RESOURCES DEPT.
SALEM, OREGON

INTEROFFICE MEMO

TO: Don Knauer

DATE: 07/26/94

FROM: Gary Ball, Watermaster *GEB*

SUBJECT: Surface Water Registrations

I have reviewed the materials earlier provided and find I am deficient in the following:

SWR#	Need Map	Need SWR	SWR#	Need Map	Need SWR
11	X	X	409	X	
30	X		425	X	
36		X	434	X	
92	X	X	440	X	
96	X		471	X	
121	X		483	X	
141	X		487	X	
142	X	X	488		X
185	X		498		X
215	X		526-536		X
224	X		553		X
242	X		555-558		X
246	X		563-566		X
255	X		576		X X
279	X		579-580		X
377	X				
398	X				
408	X				

I realize that in some cases, WRE maps have not yet been submitted, and in those cases, take this as a request to send us a copy when a map is received. Also, the first page of the SWR will suffice for our purposes in general.

Thanks in advance for your assistance - - see you @ Eagle Ridge.

January 20, 1994

JIM GOSSON
580 S STATE ST
SUTHERLIN OF 97479

RE: Surface Water Registration Map

Dear Jim,

WALDEN JESSE HATFIELD has indicated to the Oregon Water Resources Department (WRD) that you have been hired to prepare the claim of beneficial use map for their Surface Water Registration Statement. Would you please inform me of your anticipated schedule of map preparation and submission to the WRD.

Please mark all correspondence related to this claim with the file number SWR-563.

Sincerely,



Don Knauer
Adjudication Specialist

J:\WP51\SWR\CLAIMANT\5\SWR-0563.004



3850 Portland Rd NE
Salem, OR 97310
(503) 378-3739
FAX (503) 378-8130

April 26, 1993

JAMES GOSSEN
580 S STATE ST
SUTHERLIN OR 97479

RE: SWR-563 & SWR-564

Dear MR GOSSEN,

This is in response to your May 3, 1993 letter.

We have received two claims in the name of Walden Jesse Hatfield. They are numbered SWR-564 and SWR-565. I have enclosed a copy of each of the Surface Water Registration forms and labeled each one with the appropriate file number.

Please feel free to give me a call if there is any confusion. You may call toll free 1 (800) 624-3199 ext. 268.

Sincerely,



Dwight French
Adjudication Section

J:\WP51\SWR\CLAIMANT\5\SWR-0563.003



3850 Portland Rd NE
Salem, OR 97310
(503) 378-3739
FAX (503) 378-8130

4/26/95

I spoke with Tom Hatfield this afternoon. He said they would/could send additional fees if necessary. I told him we would determine the correct fees after the map was received.

They might file an additional claim. I sent him the late filing info and another form.

Dwight French

SURFACE WATER REGISTRATION CHECKLIST

(received after July 18, 1990)

CHECK BASIN MAP DWF NAME Umpqua # 16 UNADJUDICATED AREA ? OK DWF
RECEIPT # 96035 S W R NUMBER 563
CHECK ENCLOSURES DWF PRELIMINARY DATA BASE ENTRY DWF
ACKNOWLEDGEMENT LETTER DWF ENTER ON STREAM INDEX _____
CHECK QUADRANGLE MAP _____ CHECK GLO PLATS _____
WATERMASTER CHECKLIST _____ PUBLIC NOTICE PUBLICATION SOON

FORM REVIEW

_____ blanks filled in
_____ signed
_____ date received stamped

FEES:
CHECK AFTER MAP
IS RECEIVED.

MAP REVIEW

_____ source and trib
_____ diversion point location
_____ conveyances (pipes, ditch, etc.)
_____ place of use
_____ scale
_____ township, range, section
_____ north arrow
_____ CWRE stamp
_____ disclaimer
_____ date survey was performed
_____ P.O.B. of survey
_____ dimensions and capacity of diversion system
_____ "beneficial use" type title
_____ "permanent-quality" paper

WATER RIGHT RECORD CHECK _____ FIELD INSPECTION _____
FINAL FILE REVIEW _____ FINAL DATA BASE ENTRY _____
ENTER ON PLAT CARDS _____

April 26, 1993

JAMES GOSSEN
580 S STATE ST
SUTHERLIN OR 97479

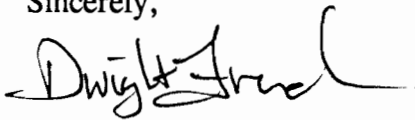
RE: Surface Water Registration Map

Dear MR FARR,

Walden Jesse Hatfield, has indicated to the Oregon Water Resources Department (WRD) that you have been hired to prepare the claim of beneficial use map for their Surface Water Registration Statement. Would you please inform me of your anticipated schedule of map preparation and submission to the WRD.

Please mark all correspondence related to this claim with the file number SWR-563.

Sincerely,



Dwight French
Adjudication Section

J:\WP51\SWR\CLAIMANT\5\SWR-0563.002



3850 Portland Rd NE
Salem, OR 97310
(503) 378-3739
FAX (503) 378-8130

April 26, 1993

WALDEN JESSE HATFIELD
2122 SOUTH DEER CREEK ROAD
ROSEBURG OR 97470

Dear MR HATFIELD,

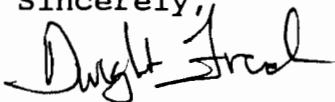
This will acknowledge that your Surface Water Registration Statement in the name of WALDEN JESSE HATFIELD has been received by our office. The fees in the amount of \$430.00 have been received and our receipt #96035 is enclosed. Your registration statement has been numbered SWR-563.

You failed to submit a map prepared by a Certified Water Right Examiner (CWRE). ORS 539.240 (2) (d) requires the map be prepared by a CWRE. There is a note that arrived with your claim that indicates that James Gossen will be preparing the required map. We will contact Mr. Gossen to arrange a map submittal deadline.

We will not be able to process your claim until we have received your map. If you have any questions regarding this process, please do not hesitate to give me a call.

Please feel free to contact this office if you have any questions.

Sincerely,



Dwight French
Adjudication Section

Enclosure

J:\WP51\SWR\CLAIMANT\5\SWR-0563.001





Oregon

John A. Kitzhaber, M.D., Governor

Water Resources Department

Commerce Building
158 12th Street NE
Salem, OR 97310-0210
(503) 378-3739
FAX (503) 378-8130

August 10, 1999

JAMES GOSSON
580 STATE STREET
SUTHERLIN, OREGON 97479-9536

Re: SWR 563 Hatfield Ranch

Dear Jim,

This will acknowledge the receipt of the SWR form, 15 supplemental sheets, two maps, historical data, and five deeds. I will add these to the file for consideration at the time of an adjudication. If you have any questions, please give me a call. The number is 503-378-8455 and my extension is 255.

Sincerely,

Don Knauer
Manager Adjudication and Certificates

c: Hatfield Ranch

JAMES F. GOSSON 580 S. State Street SUTHERLIN, OR 97479-9536
541/459-2243 pegjim@mcsi.net

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AUG - 6 1999

WATER RESOURCES DEPT.
SALEM, OREGON

4 August, 1999

Oregon Water Resources Department
Commerce Building
158 12th Street NE
Salem, Oregon 97310

Attn: Don Knauer

Re: Surface Water Registration Claim #563 (Hatfield Ranch)

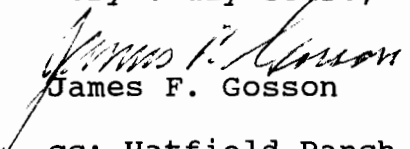
Dear Don,

Enclosed are the following:

- 1: Surface Water Registration Statement Claim Form
- 2: 15 Claim Form Supplemental Sheets
- 3: Two Surface Water Registration Maps
Map 1 of 2; 11' X 17"
Map 2 of 2; 8 1/2" X 11"
- 4: A three-page description of the historical use of the water.
- 5: Three Bargain and Sale Deeds
- 6: Two Warranty Deeds.

Please contact me if you have any questions or need additional information.

Very Truly Yours,


James F. Gosson

cc: Hatfield Ranch

DATE - 8/6/99
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WATER RESOURCES DEPT.
SALEM, OREGON

SURFACE WATER REGISTRATION #563: HATFIELD RANCH
SUPPLEMENTAL SHEET #1

SOURCE	TRIBUTARY TO	USE	1/4 1/4	S	T	R	DATE/PRIORITY	OWNER
UN-NAMED STREAM #1	SOUTH FORK DEER CR.	LIVESTOCK	SW SW	29	27S	4W	2-20-1865	WILLIAM H. RIDDLE
-	-	-	NW NW	32	-	-	-	-
UN-NAMED STREAM #2	-	-	LOT 3	29	-	-	-	-
-	-	-	LOT 1	32	-	-	-	-
UN-NAMED STREAM #3	-	-	SW NW	27	-	-	11-1-1861	PHILIP PETERS
-	-	-	SE NE	28	-	-	5-1-1869	A. B. GILLILAND
-	-	-	LOT 4	28	-	-	-	-
-	-	-	NE SE	28	-	-	-	-
-	-	-	SE SE	28	-	-	5-19-1866	-
-	-	-	SW SE	28	-	-	5-1-1866	-
UN-NAMED STREAM #4	-	-	NW SE	34	-	-	12-20-1872	UNKNOWN
-	-	-	SW SE	34	-	-	-	-
UN-NAMED STREAM #5	-	-	NW NW	34	-	-	10-1-1869	-
-	-	-	SW NW	34	-	-	9-28-1904	-
-	-	-	SE NW	34	-	-	-	-
-	-	-	NE SW	34	-	-	-	-
-	-	-	SE SW	34	-	-	5-1-1869	-
UN-NAMED STREAM #6	-	-	LOT 6	28	-	-	8-15-1865	DONALD COWE
-	-	-	SW SE	28	-	-	5-19-1866	A. B. GILLILAND

SURFACE WATER REGISTRATION #563: HATFIELD RANCH
SUPPLEMENTAL SHEET #2

SOURCE	TRIBUTARY TO	USE	1/4 1/4	S	T	R	DATE/PRIORITY	OWNER
UN-NAMED STREAM #7	SOUTH FORK DEER CREEK	LIVESTOCK	NE NW	33	27S	4W	5-14-1906	E.H.LOUGH
-	-	-	LOT 7	28	-	-	8-1-1866	T.LEDGERWOOD
-	-	-	SE SW	28	-	-	-	-
-	-	-	NE SW	28	-	-	5-1-1869	A.B.GILLILAND
UN-NAMED STREAM #8	-	-	SE NW	33	-	-	5-14-1906	EDWARD H.LOUGH
-	-	-	SW NW	33	-	-	-	-
-	-	-	LOT 3	32	-	-	-	-
-	-	-	NE NE	32	-	-	5-1-1869	A.B.GILLILAND
-	-	-	LOT 1	32	-	-	2-20-1865	WILLIAM H.RIDDLE
UN-NAMED STREAM #9	-	-	SW SW	30	-	-	5-2-1870	JOHN PEARCE
-	-	-	NE NW	31	-	-	7-11-1866	JOSEPH C.DURBIN
-	-	-	NW NE	31	-	-	-	-
UN-NAMED STREAM #10	UN-NAMED STREAM #9	-	NE NW	31	-	-	-	-
-	-	-	NW NE	31	-	-	-	-
UN-NAMED STREAM #11	SOUTH FORK DEER CREEK	-	NW NE	31	-	-	-	-
-	-	-	NE NE	31	-	-	-	-
UN-NAMED STREAM #12	-	-	LOT 1	31	-	-	10-20-1864	S.P.WILLIS
-	-	-	NE NE	31	-	-	7-11-1866	JOSEPH C.DURBIN
UN-NAMED STREAM #13	NORTH FORK DEER CREEK	-	SE NW	27	-	-	11-1-1861	PHILIP PETERS

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**WATER RESOURCES DEPT.
SALEM, OREGON**

**SURFACE WATER REGISTRATION #563: HATFIELD RANCH
SUPPLEMENTAL SHEET #3**

SOURCE	TRIBUTARY TO	USE	1/4 1/4	S	T	R	DATE/PRIORITY	OWNER
UN-NAMED STREAM #13	NORTH FORK DEER CREEK	LIVESTOCK	NE NW	27	27S	4W	11-1-1861	PHILIP PETERS
-	-	-	NW NW	27	-	-	-	-
UN-NAMED STREAM #14	UN-NAMED STREAM #13	-	NE NW	27	-	-	-	-
SOUTH FORK DEER CREEK	DEER CREEK	-	NE SW	31	-	-	7-11-1866	JOSEPH C.DURBIN
-	-	-	SW NE	31	-	-	-	-
-	-	-	LOT 9	31	-	-	10-20-1865	S.P.WILLIS
-	-	-	SW NE	31	-	-	-	JOSEPH C.DURBIN
-	-	-	LOT 3	29	-	-	2-20-1865	WILLIAM H.RIDDLE
-	-	-	SE SE	29	-	-	5-19-1866	A.B.GILLILAND
-	-	-	SW SW	28	-	-	-	-
-	-	-	SE SW	28	-	-	-	-
-	-	-	NE NW	28	-	-	-	-
-	-	-	NW SE	28	-	-	-	-
-	-	-	SW SE	28	-	-	-	-
-	-	-	SE SE	28	-	-	-	-
-	-	-	LOT 5	28	-	-	8-15-1865	DONALD COWE
-	-	-	NW NW	34	-	-	10-1-1869	UNKNOWN
-	-	-	NE NW	34	-	-	-	-
-	-	-	NE NE	31	27S	4W	10-20-1865	JOSEPH C.DURBIN

RECEIVED

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WATER RESOURCES DEPT.
SALEM, OREGONSURFACE WATER REGISTRATION #563: HATFIELD RANCH
SUPPLEMENTAL SHEET #4

SOURCE	TRIBUTARY TO	USE	1/4 1/4	S	T	R	DATE/PRIORITY	OWNER
SOUTH FORK DEER CREEK	DEER CREEK	LIVESTOCK	LOT 1	31	27S	4W	10-20-1864	S.P.WILLIS
-	-	-	NW SE	31	-	-	7-11-1866	JOSEPH C.DURBIN
-	-	-	NW NW	32	-	-	2-20-1865	WILLIAM H. RIDDLE
-	-	-	LOT 1	32	-	-	-	-
-	-	-	NE NW	32	-	-	-	-
-	-	-	SW SE	29	-	-	-	-
-	-	-	NE NE	32	-	-	5-19-1866	A.B.GILLIAND
-	-	-	LOT 3	32	-	-	5-14-1906	E.H.LOUGH
-	-	-	SW NW	33	-	-	-	-
-	-	-	SE NW	33	-	-	-	-
-	-	DOMESTIC	NE SW	31	-	-	7-11-1866	JOSEPH C.DURBIN
-	-	-	NW SE	31	-	-	-	-
-	-	IRRIGATION	NE SW	31	-	-	-	-
-	-	-	NW SE	31	-	-	-	-
-	-	-	SW SE	31	-	-	-	-
-	-	-	SE SW	31	-	-	-	-
SPRING #1	SOUTH FORK DEER CREEK	DOMESTIC	NE NW	34	-	-	9-28-1904	UNKNOWN
-	-	LIVESTOCK	NE NW	34	-	-	-	-
SPRING #2	-	-	SE NE	28	-	-	11-1-1861	PHILIP PETERS
-	-	DOMESTIC	SE NE	28	-	-	11-1-1861	PHILIP PETERS

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WATER RESOURCES DEPT.
SALEM, OREGON

SURFACE WATER REGISTRATION STATEMENT
IN THE NAME OF THE HATFIELD RANCH
SURFACE WATER REGISTRATION CLAIM #563
SUPPLEMENTAL SHEET #6

The amount of water claimed is 0.303 cfs, being 0.193 from each stream for stockwater; 0.005 cfs from Spring #1 through Spring #5 for stockwater; 0.005 cfs from Springs #1 and #2 for domestic; 0.015 cfs from South Fork Deer Creek for domestic; 0.044 cfs from South Fork Deer Creek for irrigation (3.5 acres) and 0.016 cfs from Middle Fork South Fork Deer Creek for irrigation (1.3 acres).

The claimed irrigation rate is 1/80 cfs per acre irrigated. The claimed irrigation duty is 2.5 acre feet per acre per irrigation season. The claimed period of irrigation use is from April 1st to October 31st. The claimed period of use for stockwater and domestic is year round.

The field work associated with this claim occurred over a period of several years, with the last being performed on September 18, 1996.

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WATER RESOURCES DEPT.
SALEM, OREGON

SURFACE WATER REGISTRATION STATEMENT #563: HATFIELD RANCH
SUPPLEMENTAL SHEET 7

DIVERSION #1, SRING #1
DESCRIPTION OF THE DELIVERY SYSTEM

The spring-box consists of a vertical 12-inch by 6 foot section of concrete culvert pipe, surrounded with drain-rock. A 1" by 250 foot gravity pipeline delivers water to a stocktank and a line shack through an elevation range of 20 feet.

CAPACITY OF THE DELIVERY SYSTEM

USING: $H_{ELEVATION} = f \times \frac{L}{D} \times \frac{V^2}{2g}$

WHEN:

L=250 FT.

D=0.083 FT.

$H_{ELEVATION}$ =20 FT.

f=0.027@V=3 FT./SEC. (estimate)

THEN:

$$20 = (0.027) \left(\frac{250}{0.083} \right) \left(\frac{V^2}{64.4} \right)$$

$$20 = (0.027) (46.58 V^2)$$

$$20 = 1.258 V^2$$

$$V^2 = 15.9$$

$$V = 4.0 \text{ FT./SEC.}$$

USE: f=0.03@V=4 FT./SEC.

THEN

$$20 = (.03) (46.58 V^2)$$

$$20 = 1.397 V^2$$

$$V^2 = 14.3$$

$$V = 3.8 \text{ FT./SEC. O.K.}$$

Q=AV

$$A = \pi R^2 = 0.005$$

$$Q = 0.021 \text{ cfs} > Q_{CLAIM} \text{ O.K.}$$

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WATER RESOURCES DEPT.
SALEM, OREGON

DIVERSION #2, SPRING #2

A buried 1,500 gallon concrete tank gathers the water. A 1" by 1,900' buried PVC gravity pipeline delivers the water to stocktanks and a line shack through an elevation range of 60 feet.

CAPACITY OF THE DELIVERY SYSTEM

USING:

$$H_{ELEVATION} = f \times \frac{L}{D} \times \frac{V^2}{2g}$$

WHEN:

L-1900 FT.

D-0.083 FT.

f-0.028@V-5 FT./SEC. (estimate)

THEN:

$$60 = (0.028) \left(\frac{1900}{0.083} \right) \left(\frac{V^2}{64.4} \right)$$

$$60 = (0.028) (354 V^2)$$

$$60 = 9.91 V^2$$

$$V^2 = 6.05$$

$$V = 2.5 \text{ FT./SEC.}$$

USE: f-0.033@V-3 FT./SEC.

$$60 = (0.033) (354 V^2)$$

$$60 = 11.68 V^2$$

$$V^2 = 5.14$$

$$V = 2.3 \text{ FT./SEC.}$$

0.033 O.K.

Q-AV-0.013 cfs > Q_{CLAIM} O.K.

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WATER RESOURCES DEPT.
SALEM, OREGON

DIVERSION #3, SPRING #3

A buried 18" by 6' vertical concrete culvert gathers the water. A 1" by 200' buried gravity poly pipeline delivers the water to a stocktank through an elevation range of 30 feet.

CAPACITY OF THE DELIVERY SYSTEM

USING: $H_{ELEVATION} - (f) \left(\frac{L}{D} \right) \left(\frac{V^2}{2g} \right)$

WHEN:

$H_{ELEVATION} = 30 \text{ FT.}$

$L = 200 \text{ FT.}$

$D = 0.083 \text{ FT.}$

$f = 0.033 @ V = 3 \text{ FT./SEC. (estimate)}$

THEN:

$30 - (0.033) \left(\frac{200}{0.083} \right) \left(\frac{V^2}{64.4} \right)$

$30 - (0.033) (37.3 V^2)$

$30 - 1.23 V^2$

$V^2 = 24.4$

$V = 4.9$

USE: $f = 0.029 @ V = 5 \text{ FT./SEC.}$

$30 - (0.029) (37.3 V^2)$

$30 - 1.08 V^2$

$V^2 = 27.7$

$V = 5.3 \text{ FT./SEC. } f = 0.029 \text{ O.K.}$

$Q = AV = 0.029 \text{ cfs} > Q_{CLAIM} \text{ O.K.}$

AUG - 6 1999

WATER RESOURCES DEPT.
SALEM, OREGON

DIVERSION #4, SPRING #4

An 18" by 6' buried vertical concrete culvert gathers the water.
A 1" by 1,100' buried poly pipeline delivers water to several
stocktanks through an elevation range of 60 feet.

CAPACITY OF THE DELIVERY SYSTEM

$$USING: H_{ELEVATION} = (f) \left(\frac{L}{D} \right) \left(\frac{V^2}{2g} \right)$$

WHEN:

$H_{ELEVATION} = 60$ FT.

$L = 1100$ FT.

$D = 0.083$ FT.

$f = 0.033 @ V = 3$ FT./SEC. (estimate)

THEN:

$$60 - (0.033) \left(\frac{1100}{0.083} \right) \left(\frac{V^2}{64.4} \right)$$

$$60 - (0.033) (205V^2)$$

$$60 - 6.7V^2$$

$$V^2 = 8.87$$

$$V = 3.0$$
 FT./SEC.

$$f = 0.033$$
 O.K.

$$Q = AV$$

$$A = 0.005$$
 FT.²

$$Q = 0.015$$
 cfs > Q_{CLAIM} O.K.

SURFACE WATER REGISTRATION STATEMENT #563: HATFIELD RANCH
SUPPLEMENTAL SHEET 11

RECEIVED

AUG - 6 1999

WATER RESOURCES DEPT.
SALEM, OREGON

DIVERSION #5, SPRING #5

An 18" by 6' buried vertical concrete culvert gathers the water.
A 1" by 200' buried poly pipeline delivers water to a stocktank
through an elevation range of 30 feet.

CAPACITY OF THE DELIVERY SYSTEM

USING: $H_{ELEVATION} = (f) \left(\frac{L}{D} \right) \left(\frac{V^2}{2g} \right)$

WHEN:

L=200 FT.

D=0.083 FT.

$H_{ELEVATION}$ =30 FT.

Q-SAME AS DIVERSION No.3-0.029 cfs > Q_{CLAIM} O.K.

RECEIVED

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WATER RESOURCES DEPT
SALEM, OREGON

DIVERSION #7, SOUTH FORK DEER CREEK

An electric motor with pump delivers water to a 2,000 gallon holding tank, thence by a gravity pipeline to 3 domestics, 3.0 acres of irrigation and several stocktanks.

The system also connects to a shallow well adjacent to South Fork Deer Creek, and is plumbed and valved such that water from the well can be used when the quality of the surface water is questionable or undesirable, ie: warm late summer flows, turbidity during intense storms, etc.

CAPACITY OF THE DELIVERY SYSTEM

$$USING: Q_{PUMP} = \frac{(6.61) (HP)}{HEAD_{TOTAL}}$$

$$HP = 1.5$$

$$H_{ELEVATION} = 70 \text{ FT.}$$

$$H_{PRESSURE} = 0 \text{ FT.}$$

$$H_{FRICTION} = 5 \text{ FT./100 FT. (estimated)}$$

$$Q_{PUMP} = \frac{(6.61) (1.5)}{70 + (5) (9)} = \frac{9.92}{115} = 0.086 \text{ cfs}$$

$$Q_{CLAIM} = (30) (1/80) + (3) (0.005) + 0.005 = 0.058 \text{ cfs}$$

$$Q_{PUMP} > Q_{CLAIM} \text{ O.K.}$$

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WATER RESOURCES DEPT.
SALEM, OREGON

DIVERSION #8, MIDDLE FORK, SOUTH FORK DEER CREEK

An electric motor with centrifugal pump delivers water to 1.3 acres of irrigation via a 1" by 300' buried PVC pipeline.

CAPACITY OF THE DELIVERY SYSTEM

$$\text{USING: } Q_{\text{PUMP}} = \frac{(6.61) (HP)}{H_{\text{TOTAL}}}$$

WHEN:

HP=1

$H_{\text{ELEVATION}} = 25 \text{ FT.}$

$H_{\text{PRESSURE}} = 50 \text{ psi} = 116 \text{ FT.}$

$H_{\text{FRICTION}} = 10' / 100' = (10) (3) = 30 \text{ FT.}$

THEN:

$$Q_{\text{PUMP}} = \frac{(6.61) (1)}{25 + 116 + 30} = 0.039 \text{ cfs}$$

$$Q_{\text{CLAIM}} = (1.3) (1/80) = 0.016 \text{ cfs}$$

$$Q_{\text{PUMP}} > Q_{\text{CLAIM}} \text{ O.K.}$$

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AUG - 6 1999

WATER RESOURCES DEPT.
SALEM, OREGON

HISTORY OF WATER USE

HATFIELD RANCH

SECTION 27

Thomas Pearce (Patent date August 1, 1865) used water from an unnamed tributary of South Fork Deer Creek and Spring #1 for domestic use for one family, the irrigation of about 1.0 acre of orchard and garden, and stockwater in the SE1/4 SW1/4 of Section 27. Several fruit trees survive. The place of irrigated use has changed over time to the SE1/4 and SW1/4 of Section 31, the source now being South Fork Deer Creek. The domestic and stockwater uses continue from Spring #1.

The earliest known use of surface water is that by Philip Peters (Patent date November 1, 1861). Peters used water from either Unnamed Stream #13 or Un-named Stream #14, a tributary of Deer Creek, for domestic use for one family, the irrigation of an unknown amount of acreage, and stockwater in the NW1/4 of Section 27. The uses continued through several ownerships until about 1915, when the domestic and irrigation uses were abandoned. Stockwater use continues to the present time.

SECTION 28

Alexander B. Gililland (Patent date May 19, 1866) used water from South Fork Deer Creek and Spring #2 for domestic use for one family, the irrigation of about 20 acres, and stockwater on his 360 acre Donation Land Claim, mostly in Section 28. Gililland irrigated garden and grain in the NW1/4 SE1/4 and NE1/4 SW1/4 of Section 28 until about 1890. The irrigation use has been abandoned, but domestic and stockwater use from Spring #2 continues to the present time.

A dairy operation from 1890 to 1936 in the SW1/4 Section 28 used water from South Fork Deer Creek and Spring #4 for 3 families, and the dairy-related uses. All uses except stockwater from Spring #4 have been abandoned, however, it continues to the present time.

Thomas Ledgerwood (Patent date August 11, 1866) used water from South Fork Deer Creek for domestic use for one family, the irrigation of about 2.0 acres of garden and grain, and stockwater in the SW1/4 Section 28.

SECTIONS 28 AND 29

Water right Permit 4308, with a date of priority of November 17, 1919 in the names of Herman Oden and Sam Whitsett, was issued for the irrigation of 130 acres in Sections 28 and 29. Water was originally diverted via a ditch, and later, via a 6 inch diameter steel pipeline to a wood flume and ditch. The original diversion-works consisted of a diversion dam. A later diversion works consisted of a centrifugal pump powered by an automobile engine.

AUG - 6 1999

HISTORY OF WATER USE - HATFIELD RANCH
PAGE 2WATER RESOURCES DEPT.
SALEM, OREGON

It is believed that a part of the place of use for this permit included acreage irrigated by Gililland, beginning in 1866. The right was used for several years, then totally abandoned. Several fruit trees survive.

SECTIONS 29 AND 32

William H. Riddle (Patent date February 20, 1865) used water from South Fork Deer Creek for domestic use for one family), and the irrigation of about 0.5 acre of garden, and stockwater in the SW1/4 SW1/4 of Section 29 and the N1/2 NW1/4 of Section 32. The irrigated place of use changed several times; most of the changes in locations being lost to history, but eventually occurring either in the NE1/4 SW1/4 or NW1/4 SE1/4 Section 31.

SECTION 31

Water right Permit 20339, with a date of priority of 14 May, 1951, for the irrigation of 16.1 acres was issued in the name of R.V. Hatfield.

Water right Permit 43162, with an assumed date of priority of 20 June, 1978 was issued in the name of Walden Hatfield. Portions of this permit appear to be in conflict with Permit 20339.

Joseph Durbin (Patent date July 11, 1866) used water from South Fork Deer Creek and Middle Fork South Fork Deer Creek for domestic for several families, the irrigation of unknown acreage of garden, grain, orchard and stockwater on his Donation Land Claim in Section 31. The location and size of the irrigated area, along with the amount of water used varied over time as crops and demand dictated. A hydraulic ram at one time diverted water from Middle Fork South Fork Deer Creek at Diversion #8.

Stephen Willis (Patent date October 20, 1864) used water from South Fork Deer Creek for domestic use for one family, the irrigation of about 0.5 acre of garden, and stockwater in the NE1/4 of Section 31; not far from the marble works. The uses continued until about 1915, when the domestic use was abandoned. The irrigated place of use changed several times; most of the changes in locations being lost to history, but eventually occurring in the NE1/4 SW1/4 Section 31.

SECTIONS 31 AND 33

A marble processing operation began in the SE1/4 Section 31 during the 1860's, and continued until about 1910. The mine was located in the SE1/4 NE1/4 Section 33; the cutting and other processing works were located in the NE1/4 NE1/4 Section 31; within the Durbin land claim. Some of the stone was utilized locally; one object being on display (in 1996) in the historic Lane House in Roseburg. Water in an unknown amount, but estimated to be in the neighborhood of 1.0 cfs was required for the operation; the water being taken from South Fork Deer Creek and delivered to the place of use via a

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HISTORY OF WATER USE - HATFIELD RANCH
PAGE 3

AUG - 6 1999

WATER RESOURCES DEPT.
SALEM, OREGON

combination of ditches and flumes. Included in the use was domestic for an unknown number of households, the irrigation of an unknown area, and stockwater in an unknown amount.

Edward H. Lough (Patent date May 14, 1906), used water from a tributary of South Fork Deer Creek; not far from the marble mine, for domestic use for one family, the irrigation of about 1.0 acre of garden and grain, and stockwater in the NW1/4 Section 33.

SECTION 34

A steam-powered sawmill operation began about 1890 in the NW1/4 Section 34; continuing until about 1915. It used water from South Fork Deer Creek and Spring #1; the earliest delivery systems were a combination of ditches and flumes, with pipelines eventually replacing them. Several families lived in and around the sawmill during that period, with some remaining until about 1940. Some intermittent irrigation occurred, the details of which are lost to history. A line cabin was constructed about 1943, continuing the domestic and stockwater use from Spring #1 to the present time.

Unknown owner (Patent date October 1, 1869) used water from South Fork Deer Creek for domestic use for one family, the irrigation of about 1.0 acre of garden and grain, and stockwater in the N1/2 NW1/4 of Section 34. The stream bisected the property, with irrigated acreage on either side.

Generally, several steam-driven sawmills operated intermittently in Sections 27, 28, 33 and 34, from the 1860's until about 1900, however, so little is known of their locations and the details of their water use that it defies description.

1967/50

KNOW ALL MEN BY THESE PRESENTS, That
DORIS M. SAYRE, husband and wife

JOSEPH W. SAYRE and

hereinafter called the grantor, for the consideration hereinafter stated,
to grantor paid by DANIEL JAMES HATFIELD

hereinafter called the grantee,
does hereby grant, bargain, sell and convey unto the said grantee and grantee's heirs, successors and assigns, that certain real property, with the tenements, hereditaments and appurtenances thereunto belonging or appertaining, situated in the County of Douglas and State of Oregon, described as follows, to-wit:

BEGINNING at the Section corner common to Sections 28, 29, 32 and 33 in Township 27 South of Range 4 West, W.M.; thence South along the East line of Claim No. 51, 20.43 chains to the Southeast corner thereof; thence West along the South line of said Claim, 27 chains to the Southwest corner; thence North along the West line 50 chains to the Northwest corner of said claim; thence East 27.75 chains to a point where the North line of said Claim 51 crosses the section line between Sections 28 and 29; thence North 10.83 chains along the Section line to the quarter section corner between Sections 28 and 29; thence East 15.81 chains; thence South 40 chains to a point on the Section line between Sections 28 and 33; thence West along said Section line 15.81 chains to the place of beginning, Douglas County, Oregon.

(IF SPACE INSUFFICIENT, CONTINUE DESCRIPTION ON REVERSE SIDE)

To Have and to Hold the same unto the said grantee and grantee's heirs, successors and assigns forever. And said grantor hereby covenants to and with said grantee and grantee's heirs, successors and assigns, that grantor is lawfully seized in fee simple of the above granted premises, free from all encumbrances EXCEPT roads and highways and the rights of the public therein, if any, and such additional ad valorem real property tax liability, if any, arising by reason of said premises having been assessed for farm use purposes,

and that grantor will warrant and forever defend the above granted premises and every part and parcel thereof against the lawful claims and demands of all persons whomsoever, except those claiming under the above described encumbrances.

The true and actual consideration paid for this transfer, stated in terms of dollars, is \$50,000.00

However, the actual consideration consists of or includes other property or value given or promised which is part of the consideration (indicate which):

In construing this deed and where the context so requires, the singular includes the plural.

WITNESS grantor's hand this 5th day of OCTOBER, 1971.

Joseph W. Sayre
Joseph W. Sayre
Doris M. Sayre
Doris M. Sayre

STATE OF OREGON, County of Douglas) ss. OCTOBER 5, 1971
Personally appeared the above named Joseph W. Sayre and Doris M. Sayre

and acknowledged the foregoing instrument to be their voluntary act and deed.

Before me: J. V. Long
Notary Public for Oregon

My commission expires Jan. 1, 1974

The confere between the symbols (1), if not applicable, should be deleted. See Chapter 462, Oregon Laws 1967, as amended by the 1967 Special Session.

WARRANTY DEED

JOSEPH W. SAYRE and
DORIS M. SAYRE

TO

DANIEL JAMES HATFIELD

AFTER RECORDING RETURN TO

COMMERCIAL TITLE CO.
P. O. Box 1325
Resburg, Oregon 97470

No.

633

150
of

(DON'T USE THIS SPACE, RESERVED FOR RECORDING LABEL IN COUNTIES WHERE USED.)

71-13809

STATE OF OREGON, } ss.
County of Douglas }

I certify that the within instrument was received for record on the 5th day of October, 1971, at 3:21 o'clock P.M., and recorded in book 477 on page 850 Record of Deeds of said County.

Witness my hand and seal of County affixed.

G. D. Myllentz
County Clerk

Title.

Margie Weeman Deputy

RECEIVED

93-20501

WARRANTY DEED

BOOK 1259 PAGE 320

AUG - 6 1999

KNOW ALL MEN BY THESE PRESENTS, That DAVID J. HATFIELD

hereinafter called the grantor, for the consideration hereinafter stated, to grantor paid by DANIEL J. HATFIELD

the grantee, does hereby grant, bargain, sell and convey unto the said grantee and grantee's heirs, successors and assigns, that certain real property, with the tenements, hereditaments and appurtenances thereunto belonging or appertaining, situated in the County of Douglas and State of Oregon, described as follows, to-wit:

WATER RESOURCES DEPT. SALEM OREGON

All of Grantor's interest, being an undivided one-half (1/2) interest in the following described property:

The Southeast Quarter of the Northwest Quarter, the North half of the Southeast Quarter, and Government Lot 2, in Section 32, Township 27 South, Range 4 West, Willamette Meridian, Douglas County, Oregon.

*CONSIDERATION: Exchange of other property of equal value.

IF SPACE INSUFFICIENT, CONTINUE DESCRIPTION ON REVERSE SIDE

To Have and to Hold the same unto the said grantee and grantee's heirs, successors and assigns forever. And said grantor hereby covenants to and with said grantee and grantee's heirs, successors and assigns, that grantor is lawfully seized in fee simple of the above granted premises, free from all encumbrances

and that grantor will warrant and forever defend the said premises and every part and parcel thereof against the lawful claims and demands of all persons whomsoever, except those claiming under the above described encumbrances.

The true and actual consideration paid for this transfer, stated in terms of dollars, is \$ *SEE ABOVE.

However, the actual consideration consists of or includes other property or value given or promised which is the whole part of the consideration (indicate which). (The sentence between the symbols, if not applicable, should be deleted. See ORS 93.030.)

In construing this deed and where the context so requires, the singular includes the plural and all grammatical changes shall be implied to make the provisions hereof apply equally to corporations and to individuals.

In Witness Whereof, the grantor has executed this instrument this 28th day of September, 1993; if a corporate grantor, it has caused its name to be signed and its seal affixed by an officer or other person duly authorized to do so by order of its board of directors.

David J. Hatfield (Signature)

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.

STATE OF OREGON, County of Douglas ss.

This instrument was acknowledged before me on September 28, 1993, DAVID J. HATFIELD

This instrument was acknowledged before me on , 19, .



Lee Churchill (Signature)

Notary Public for Oregon

My commission expires 12-13-93

DAVID J. HATFIELD 16178 Dixonville Road Roseburg, OR 97470

GRANTOR'S NAME AND ADDRESS

DANIEL J. HATFIELD 2126 South Deer Creek Road Roseburg, OR 97470

GRANTEE'S NAME AND ADDRESS

After recording return to:

DANIEL J. HATFIELD 2126 South Deer Creek Road Roseburg, OR 97470

NAME, ADDRESS, ZIP

Until a change is requested all tax statements shall be sent to the following address.

DANIEL J. HATFIELD 2126 South Deer Creek Road Roseburg, OR 97470

NAME, ADDRESS, ZIP

SPACE RESERVED FOR RECORDER'S USE

STATE OF OREGON, ss.

COUNTY OF DOUGLAS ss. STATE OF OREGON

me, CLERK OF DOUGLAS COUNTY, DO HEREBY CERTIFY THAT

at THIS INSTRUMENT WAS RECORDED in book / reel / volume No. 1259 on page 320

Record of Deeds of said County CLERK

IN THE OFFICE OF THE RECORDER - DOUGLAS COUNTY

By (Signature) DEPUTY

By (Signature) Deputy

Walter (Handwritten)

93-20501

30 (Handwritten)

KNOW ALL MEN BY THESE PRESENTS, That ROY V. HATFIELD and RUTH E. HATFIELD, husband and wife,

hereinafter called grantor, in consideration of Ten and no/100 ----- Dollars and other good and valuable consideration to grantor paid, the receipt whereof hereby is acknowledged, does hereby grant, bargain, sell and convey unto DANIEL JAMES HATFIELD

hereinafter called grantee, and unto grantee's heirs, successors and assigns all of that certain real property with the tenements, hereditaments and appurtenances thereunto belonging or in anywise appertaining, situated in the County of DOUGLAS, State of Oregon, described as follows, to-wit:

East Half of Southeast Quarter of Section 34, Township 27 South, Range 4 West, Willamette Meridian AUG - 6 1995

RECEIVED

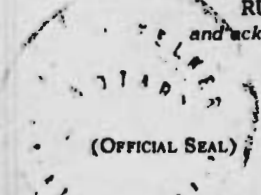
WATER RESOURCES DEPT. SALEM, OREGON

To Have and to Hold the same unto the said grantee and grantee's heirs, successors and assigns forever. In construing this deed the singular includes the plural as the circumstances may require.

Witness grantor's hand and seal this 13th day of August, 19 67.

Roy V. Hatfield (SEAL) Ruth E. Hatfield (SEAL) (SEAL) (SEAL)

STATE OF OREGON, County of DOUGLAS) ss. Personally appeared the above named ROY V. HATFIELD and RUTH E. HATFIELD and acknowledged the foregoing instrument to be their voluntary act and deed.



Before me Carl M. Fuller Notary Public for Oregon. My commission expires Sept 30, 1967

Bargain and Sale Deed

HATFIELD et ux

TO

HATFIELD

AFTER RECORDING RETURN TO

Carl Fuller Atty P.O. Box 1265 Roseburg, Ore

150 pd

IF DON'T USE THIS SPACE: RESERVED FOR RECORDING LABEL IN COUNTIES WHERE USED.

STATE OF OREGON, County of Douglas } ss.

I certify that the within instrument was received for record on the 19th day of September 1967, at 1:31 o'clock P.M., and recorded in book 396 on page 718. Record of Deeds of said County.

Witness my hand and seal of County affixed.

G. D. Mullenbeck

County Clerk - Recorder.

By Marge Weseman Deputy.

in State of Ore

RECEIVED

AUG - 6 1999

WATER RESOURCES DEPT
SALEM, OREGON

Please stamp recording information below this line.

93-20503

BOOK 1259 PAGE 322

COVER SHEET FOR RECORDING ATTACHED DOCUMENT

NAME OF TRANSACTION: Bargain and Sale Deed

NAMES OF THE PARTIES:
Grantors:
Walden J. Hatfield and Vera G. Hatfield, husband and wife.

Grantees:
Daniel J. Hatfield and Barbara Hatfield, husband and wife.

CONSIDERATION: No monetary consideration; exchange of other property.

TAX STATEMENTS: Daniel J. Hatfield and Barbara Hatfield,
2126 South Deer Creek Road,
Roseburg OR 97470.

RETURN DOCUMENT TO: Dudley C. Walton,
P.O. Box 1265,
Roseburg OR 97470.

Walton
HANDED

BARGAIN AND SALE DEED

KNOW ALL MEN BY THESE PRESENTS, That WALDEN J. HATFIELD and VERA G. HATFIELD, husband and wife, hereinafter called the Grantors, hereby grant, bargain, sell and convey to DANIEL J. HATFIELD and BARBARA HATFIELD, husband and wife, hereinafter called the Grantees, as tenants by the entirety, the following described real property:

The South half of the Southwest quarter and the Southwest quarter of the Southeast quarter, all in Section 30, Township 27 South, Range 4 West, Willamette Meridian.

Also the following: Beginning at the Section Corner common to Sections 30 and 31, Township 27 South, Range 4 West, Willamette Meridian, and Sections 25 and 36, Township 27 South, Range 5 West, Willamette Meridian; thence Easterly along the line between said Sections 30 and 31 to the Northeast Corner of Government Lot 2 of said Section 31; thence South 1450 feet, more or less, to the centerline of the South Fork of Deer Creek; thence along said centerline Southwesterly to its intersection with the south line of the Joseph Durbin D.L.C. No. 50, Township 27 South, Range 4 West, Willamette Meridian; thence West along said south line 200 feet, more or less, to the Southwest Corner of said D.L.C. No. 50; thence North along the west line of said D.L.C. No. 50 to the Northeast Corner of Government Lot 5 of said Section 31, said point being on the east-west centerline of said Section 31; thence West along said east-west centerline 2000 feet, more or less, to the west line of said Section 31; thence North along said west line of Section 31 to the point of beginning.

Together with an easement, 30 feet in width, 15 feet each side of a centerline more particularly described as follows: Beginning at a point in the centerline of the South Fork of Deer Creek from which the Northeast Corner of Section 31, Township 27 South, Range 4 West, Willamette Meridian bears N 36° 53' 05" E 4033.65 feet; thence S 52° 33' 20" E 26.76 feet; thence S 43° 28' 40" E 29.25 feet; thence S 22° 32' 30" E 32.09 feet; thence S 8° 33' 10" W 29.78 feet; thence S 24° 43' W 86.18 feet; thence S 16° 51' W 75.39 feet; thence S 6° 35' 25" W 84.46 feet; thence S 2° 30' 15" E 81.79 feet; thence S 7° 11' 45" E 27.85 feet; thence S 17° 20' 30" E 45.05 feet; thence S 30° 33' 20" E 179.10 feet; thence S 41° 13' 50" E 122.19 feet; thence S 29° 24' 45" E 30.98 feet; thence S 14° 22' 45" E 11.62 feet; and S 3° 09' 45" E 24 feet, more or less, to the northerly right-of-way line of County Road No. 83 and there terminating.

The true consideration for this conveyance, stated in terms of dollars, is none; the consideration for this conveyance is exchange of other property.

THIS INSTRUMENT WILL NOT ALLOW USE OF THE PROPERTY DESCRIBED IN THIS INSTRUMENT IN VIOLATION OF APPLICABLE LAND USE LAWS AND REGULATIONS. BEFORE SIGNING OR ACCEPTING THIS INSTRUMENT, THE

PERSON ACQUIRING FEE TITLE TO THE PROPERTY SHOULD CHECK WITH THE APPROPRIATE CITY OR COUNTY PLANNING DEPARTMENT TO VERIFY APPROVED USES.

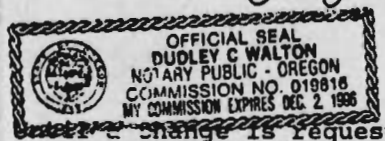
IN WITNESS WHEREOF, the Grantors have executed this instrument as of this 26th day of July, 1993.

Walden J. Hatfield
Walden J. Hatfield

Vera G. Hatfield
Vera G. Hatfield

STATE OF OREGON)
County of Douglas) ss.

The foregoing instrument was acknowledged before me this 26th day of July, 1993, by WALDEN J. HATFIELD and VERA G. HATFIELD.



Notary Public for Oregon.
My commission expires: 12/2/98

~~Notice~~ change is requested
all tax statements shall be sent to the following address:
Daniel J. Hatfield and Barbara Hatfield,
2126 South Deer Creek Road,
Roseburg, OR 97470.

STATE OF OREGON)
COUNTY OF DOUGLAS) ss.
I, GAY FIELDS, COUNTY CLERK AND RECORDER OF CONVEYANCES, DO HEREBY CERTIFY THAT THIS INSTRUMENT WAS RECORDED

CP OCT -7 PM 3:0E

GAY FIELDS
COUNTY CLERK
IN THE OFFICIAL RECORDS OF DOUGLAS COUNTY
Gay Fields
DEPUTY

FEE 35
40

Walden
HATFIELD

BARGAIN AND SALE DEED

AUG - 6 1999

WATER RESOURCES DEPT.
SALEM, OREGON

WALDEN J. HATFIELD and VERA G. HATFIELD, husband and wife, Grantors, convey to themselves (Walden J. Hatfield and Vera G. Hatfield), as tenants in common, Grantees, the real property (land, timber and improvements) described in Exhibit A attached hereto and by this reference made a part hereof.

The consideration for this deed is NONE.

THE PROPERTY DESCRIBED IN THIS INSTRUMENT MAY NOT BE WITHIN A FIRE PROTECTION DISTRICT PROTECTING STRUCTURES. THE PROPERTY IS SUBJECT TO LAND USE LAWS AND REGULATIONS, WHICH, IN FARM OR FOREST ZONES, MAY NOT AUTHORIZE CONSTRUCTION OR SITING OF A RESIDENCE AND WHICH LIMIT LAWSUITS AGAINST FARMING OR FOREST PRACTICES AS DEFINED IN ORS 30.930 IN ALL ZONES. 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 EXISTENCE OF FIRE PROTECTION FOR STRUCTURES.

DATED this 23rd day of November, 1994.

Walden J. Hatfield
Walden J. Hatfield

Vera G. Hatfield
Vera G. Hatfield

STATE OF OREGON)
) ss. November 23, 1994
County of Douglas)

Personally appeared the above-named Walden J. Hatfield and Vera G. Hatfield, husband and wife, and acknowledged the foregoing to be their voluntary act and deed. Before me:



Helen P. Scott
Notary Public for Oregon
My Commission expires 10/4/97

Send tax statements to:
Walden J. and Vera G. Hatfield
2122 S. Deer Creek Road
Roseburg, OR 97470

HANDED Carlson

EXHIBIT A

Description for Deed, Walden J. Hatfield et ux. to Walden J. Hatfield and Vera G. Hatfield:

Township 27 South, Range 4 West, Willamette Meridian, Douglas County, Oregon:

Section 27: West half of Section 27.

Section 28: South half of Section 28 and that portion of Government Lot #4 in the South half of the Southeast one-quarter of the Northeast one-quarter of Section 28; EXCEPTING that portion of the West one-half of the Southwest one-quarter of Section 28 which lies within Douglas County, Oregon Tax Lot #300.

Sections 29, 30, 31 and 32: Parcel 2 of that certain Land Partition filed with the Douglas County Surveyor 9/2/93, #1993-0062A-Engineer's No. 199-04.

Also in Section 32: Government Lot 3;

Section 33: Northwest one-quarter and the Southwest one-quarter of the Northeast one-quarter of Section 33.

Section 34: West one-half and the West one-half of the Southeast one-quarter of Section 34.

Township 28 South, Range 4 West, Willamette Meridian, Douglas County, Oregon:

Section 3: Government Lots 2, 3 and 4.

STATE OF OREGON }
COUNTY OF DOUGLAS } SS.
I, GAY FIELDS, COUNTY CLERK AND RECORDER OF
CONVEYANCES, DO HEREBY CERTIFY THAT THIS
INSTRUMENT WAS RECORDED

94 DEC 30 11:45

DOUGLAS COUNTY CLERK

IN THE OFFICIAL RECORDS OF DOUGLAS COUNTY

BY Carolene

DEPUTY

FEE

300
35

Exhibit A.

94-26818

Bargain and Sale Deed.
Page 2 of 2.

END

May 9, 1997

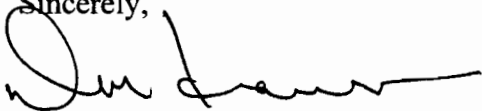
JAMES F GOSSON
580 S STATE ST
SUTHERLIN OR 97479

Re: Surface Water Registration # 563 & 564 in the name of Hatfield

Dear Jim,

I have checked the preliminary map and data against our check list, which I have enclosed, and as you can see meets the requirements. The only obvious error I note is the quantity of water shown on the form and the different quantity shown on supplemental sheet #5. I believe we can combine the two original claims into one as you suggest. Once the Hatfield Ranch folks have decided what they want to do, you can submit the final claim of beneficial use. If you have any questions, please give me a call. The number is 503-378-8455 and my extension is 255.

Sincerely,



Don Knauer
Program Representative



Commerce Building
158 12th Street NE
Salem, OR 97310-0210
(503) 378-3739
FAX (503) 378-8130

SURFACE WATER REGISTRATION CHECKLIST

(received after July 18, 1990)

CHECK BASIN MAP DWF NAME Umpqua # 16 UNADJUDICATED AREA ? OK DWF
 RECEIPT # 96035 S W R NUMBER 563
 CHECK ENCLOSURES DWF PRELIMINARY DATA BASE ENTRY DWF
 ACKNOWLEDGEMENT LETTER DWF ENTER ON STREAM INDEX _____
 CHECK QUADRANGLE MAP _____ CHECK GLO PLATS _____
 WATERMASTER CHECKLIST _____ PUBLIC NOTICE PUBLICATION SAGV

FORM REVIEW

Preliminary
Review
Sub-563

- _____ blanks filled in
- _____ signed
- _____ date received stamped

MAP REVIEW

- source and trib
- diversion point location
- conveyances (pipes, ditch, etc.)
- place of use
- scale
- township, range, section
- north arrow
- CWRE stamp
- disclaimer
- date survey was performed
- P.O.B. of survey
- dimensions and capacity of diversion system
- "beneficial use" type title
- "permanent-quality" paper

5/9/97
JLX

FEEES:
 CHECK AFTER MAP
 IS RECEIVED.

~~WATER RIGHT RECORD CHECK~~ _____ ~~FIELD INSPECTION~~ _____
 FINAL FILE REVIEW _____ FINAL DATA BASE ENTRY _____
 ENTER ON PLAT CARDS _____

JAMES F. GOSSON Consulting Engineer

580 South State Street
Sutherlin, Oregon 97479

CIVIL ENGINEER
LAND SURVEYOR
WATER RIGHTS EXAMINER

(503) 459-2243

May 1, 1997

RECEIVED

Oregon Water Resources Department
Commercial Building
158 12th Street NE
Salem, Oregon 97310

MAY - 2 1997
WATER RESOURCES DEPT.
SALEM, OREGON

Attn: Don Knauer

Re: SWR 563 and 564

Dear Don,

✓ Enclosed is a draft of amended SWR 563. Both claims have been combined, resulting in the modified claim. You will notice that the claimed uses, dates of use and amount of use varies from the total of both original claims. This is due to the findings that resulted from the research of the historical uses pre-dating February 14, 1909.

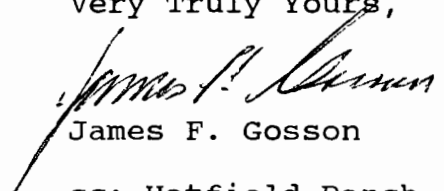
✓ I would appreciate it if your department would review it as to general adequacy and note any obvious errors, or the need for additional information. I will then prepare the final claim for submittal.

Some lacking items are copies of deeds, or other documents showing proof of ownership, and the notarized signatures of the owners of record associated with the lands. These will be included with the final claim.

It is my understanding that the Hatfield Ranch intends to cancel SWR 564 and use any of the paid fees associated with it to the processing of SWR 563, if any are necessary. They will either contact you regarding this matter or instruct me to communicate with you.

Please contact me if you have any questions.

Very Truly Yours,


James F. Gosson

cc: Hatfield Ranch

RECEIVED

FEB - 7 1994

580 South State Street
Sutherlin, Oregon 97479

JAMES F. GOSSON Consulting Engineer

CIVIL ENGINEER
LAND SURVEYOR
WATER RIGHTS EXAMINER

WATER RESOURCES DEPT.
SALEM, OREGON

(503) 459-2243

February 4, 1994

Oregon Water Resources Department
3850 Portland Road, N.E.
Salem, Oregon 97310

Attention: Donald Knauer

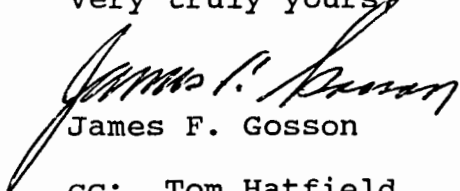
Re: Surface Water Registrations #563 and 564 - Hatfield

Dear Don,

In response to your letters of January 20, 1994, I have completed the field surveys and anticipate completion of the mapping this month, with submittal to your department in March, 1994.

Please contact me if you have any questions, or need additional information.

Very truly yours,


James F. Gosson

cc: Tom Hatfield

JFG/p

JAMES F. GOSSON Consulting Engineer

CIVIL ENGINEER
LAND SURVEYOR
WATER RIGHTS EXAMINER

RECEIVED

(503) 459-2243

MAY - 5 1993

WATER RESOURCES DEPT.
SALEM, OREGON

May 3, 1993

Oregon Water Resources Department
3850 Portland Road, N.E.
Salem, Oregon 97310

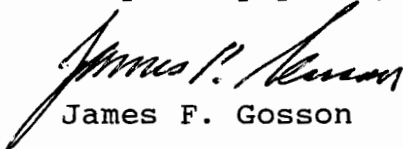
Attention: Dwight French

Re: SWR-564 (Walden Jesse Hatfield)
SWR-563 (Walden Jesse Hatfield)

In response to your letter of April 29, 1993, I expect to have the work completed by June 7, 1993.

Enclosed is a copy of your letter of April 26, 1993 wherein you have assigned SWR-563 to the Walden Jesse Hatfield claim. Please advise as to which is correct.

Very truly yours,



James F. Gosson

Enclosures

JFG/p

RECEIVED

MAY - 5 1993

Oregon

April 26, 1993

WATER RESOURCES DEPT.
SALEM, OREGON

WATER
RESOURCES
DEPARTMENT

JAMES GOSSEN
580 S STATE ST
SUTHERLIN OR 97479

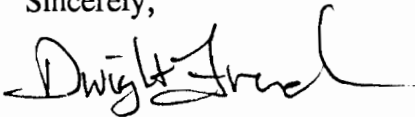
RE: Surface Water Registration Map

Dear MR FARR,

Walden Jesse Hatfield, has indicated to the Oregon Water Resources Department (WRD) that you have been hired to prepare the claim of beneficial use map for their Surface Water Registration Statement. Would you please inform me of your anticipated schedule of map preparation and submission to the WRD.

Please mark all correspondence related to this claim with the file number SWR-563.

Sincerely,



Dwight French
Adjudication Section

J:\WP51\SWR\CLAIMANT\51SWR-0563.002



3850 Portland Rd NE
Salem, OR 97310
(503) 378-3739
FAX (503) 378-8130