

JAMES F. GOSSON Consulting Engineer

580 South State Street
Sutherlin, Oregon 97479

CIVIL ENGINEER
LAND SURVEYOR
WATER RIGHTS EXAMINER

(503) 459-2243

June 22, 1993

RECEIVED

JUN 25 1993

WATER RESOURCES DEPT.
SALEM, OREGON

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

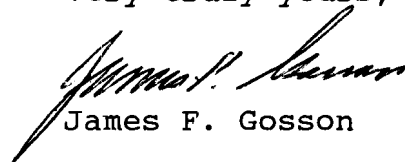
Attention: Don Knauer

Re: SWR-83 (Kingery)
SWR-91 (Sensabaugh)
SWR (Helgeson, Map 1 of 2)

Dear Don,

Enclosed are the maps described above.

Very truly yours,



James F. Gosson

Enclosures

JFG/p

SURFACE WATER REGISTRATION MAP

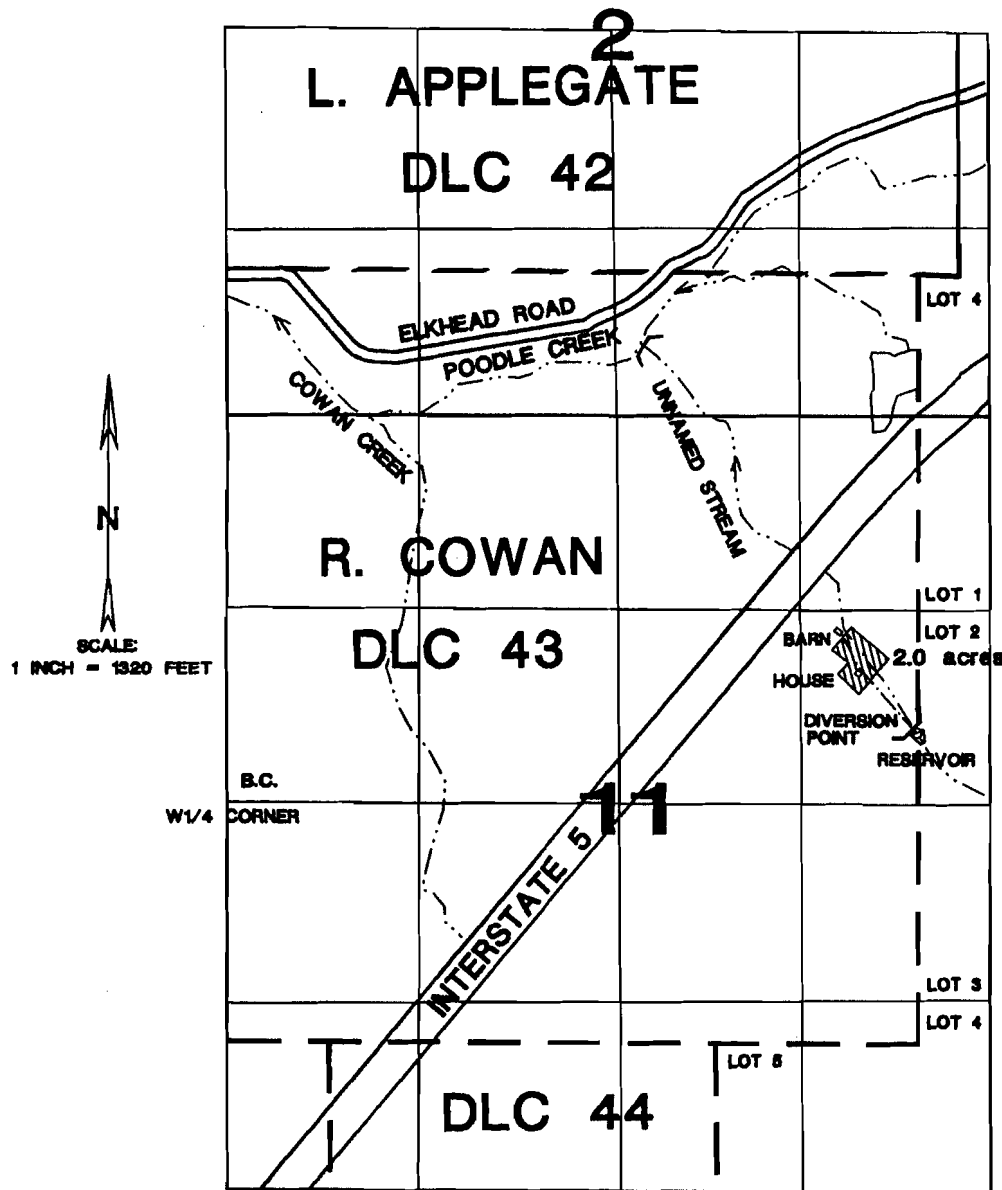
FOR
DONALD KINGERY

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AUG 12 1992

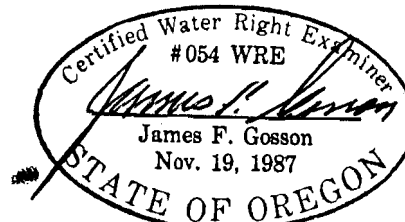
WATER RESOURCES DEPT.
SALEM, OREGON

TOWNSHIP 23 SOUTH, RANGE 5 WEST, W.M.



DIVERSION POINT IS 440 FT. N. & 4770 FT. E. FROM THE W1/4 CORNER.
STOCK DRINK DIRECTLY FROM UNNAMED STREAM WITHIN BRACKETED AREA.

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



SURVEYED 4/1/82 jms

Pipeline Uses

Irrigation Duty

$$2.0 \text{ acres @ } 1/80 \text{ cfs/acre} = 0.025 \text{ cfs}$$

Domestic Duty

$$1 \text{ homesite} = 0.005 \text{ cfs}$$

Stockwater

$$1 \text{ trough (barn)} = 0.005 \text{ cfs}$$

$$\text{TOTAL} \quad \underline{\quad 0.035 \text{ cfs} \quad}$$

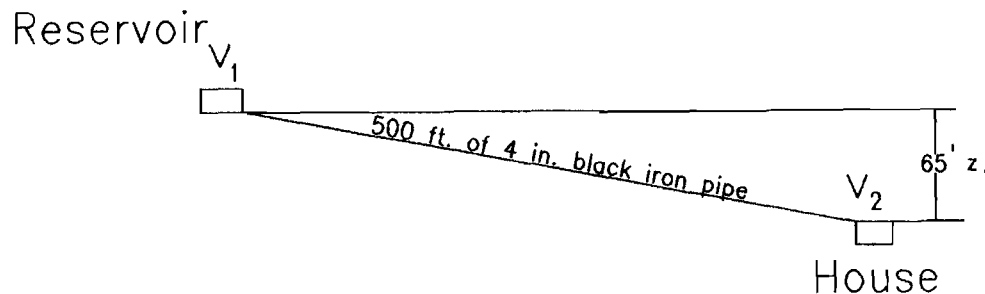
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WATER RESOURCES
SALEM, OREGON

Pipeline Capacity (using Bernoulli's Theorem)

Specifications: 65 feet of fall for 500 feet of 4-inch diameter black iron pipe



$$\text{IF : } \frac{V_1^2}{2g} + \frac{P_1}{w} + z_1 - H_1 - H_e + H_p - \frac{V_2^2}{2g} + \frac{P_2}{w} + z_2$$

$$\text{THEN : } 0 + 0 + 65 - hL - \frac{V_2^2}{2g} + 0 + 0, \text{ THEN : } 65 - hL + \frac{V_2^2}{2g}$$

$$\text{IF : } h_L - f \frac{L}{d} \frac{V_2^2}{2g}, \text{ THEN : } hL - (0.025) \left(\frac{500}{\frac{4}{12}} \right) \frac{V_2^2}{2g} - 37.5 \frac{V_2^2}{2g}$$

$$65 \text{ ft} - 37.5 \frac{V_2^2}{2g}, 1.7 - \frac{V_2^2}{2g}$$

$$\text{IF : } g - 32.4 \frac{\text{ft}}{\text{sec}^2}, \text{ THEN : } V_2 = \sqrt{112} = 10.6 \frac{\text{ft}}{\text{sec}}$$

$$\text{IF : } Q = VA, A = \frac{1}{4} \pi r^2$$

$$\text{THEN : } Q = (10.6 \frac{\text{ft}}{\text{sec}}) \left(\frac{1}{4} \right) \pi \left(\frac{4}{12} \right)^2 = 0.92 \text{ cfs}$$

CONCLUSION: PIPELINE CAPACITY MORE THAN MEETS THE DEMAND

RECEIVED

HISTORICAL WATER USE BY DONALD KINGERY AND HIS FOREBEARERS

AUG 12 1982

WATER RESOURCES -PT.
SALEM, OREGON

Donald Kingery is the great grandson of Robert Cowan, who established the Robert Cowan Donation Land Claim #43 in township 23 south, Range 5 West, in 1848. The landholding lies near the present site of the town of Yoncalla, Oregon, Douglas County. Since 1848, Mr. Kingery and his forebearers have lived on the land, ranching and farming. Throughout Their lives, they have continuously utilized the unnamed stream flowing throughout their property for a number of beneficial uses. Those uses have continued uninterrupted to the present.

Since 1908, a 4-inch diameter black iron pipe from their 9-foot high, rock dam on an unnamed stream, a tributary to Poodie Creek, has been used. It furnished the domestic water for the homesite, stockwater for the barn, and irrigation for a large vegetable garden. That pipeline is still in use. Also, their stock still drink directly from the unnamed stream, along the reach from the foot of the dam to the confluence with Poodie Creek.

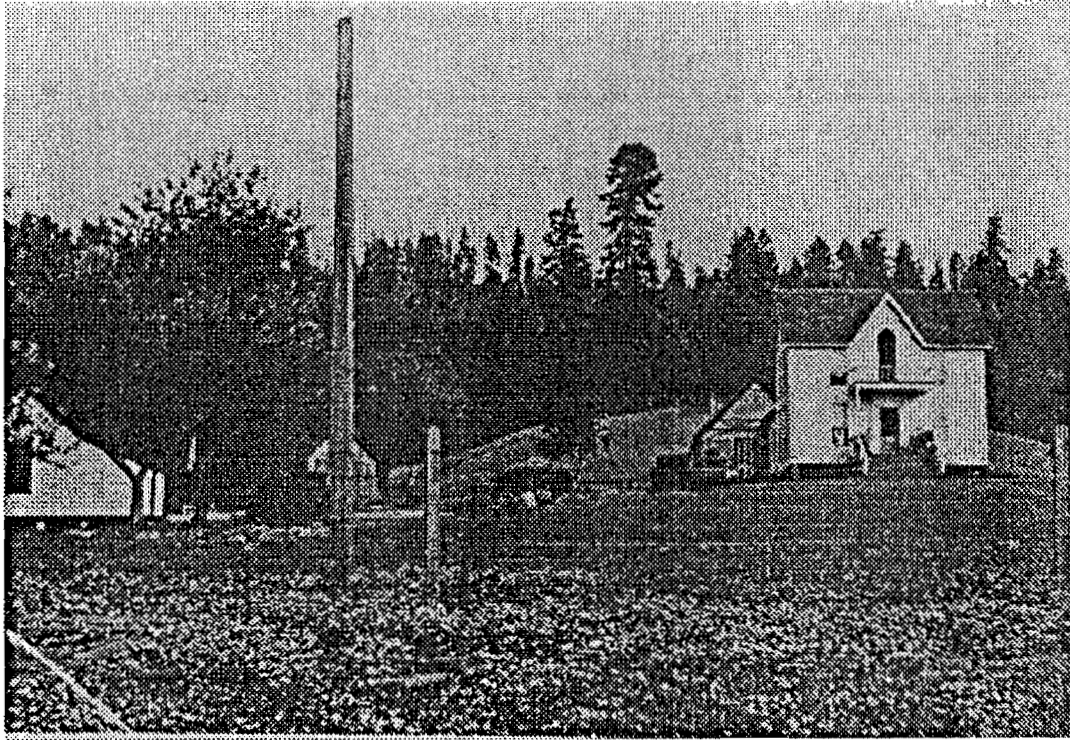
The original home was constructed in 1848, and was noted in the Donation Land Claim survey performed by the General Land Office in 1854. In 1856, Mr. Cowan constructed a newer house to replace the earlier one. The Cowan family lived in the newer house until 1915. That year, the Kingery-Cowan family built the existing home on that same homesite.

Throughout the years, the Kingery-Cowan family has raised turkeys, cattle, sheep, and Percheron draft horses on this landholding. All of which utilized the unnamed stream for stockwater. Over the years, Mr. Kingery, stated they have averaged 300 head of sheep and 130 head of cattle annually. Although, for many years they also watered 700 turkeys and 30 Percheron brood mares.

Calculations

Stockwater direct (actual)

300 sheep @ 1.5 gallons/day	=	450 gallons/day	
130 cattle @ 15 gallons/day	=	1950 gallons/day	
	=	2400 gallons/day	= 0.004 cfs
		USE 0.005 cfs	



RECEIVED

AUG 12 1992

WATER RESOURCES DEPT
SALEM, OREGON

Photograph of Cowan Home, constructed in 1856 (circa 1911).
Home burned in 1915, with the present home being reconstructed
on the same site, the same year.

SURFACE WATER REGISTRATION CHECKLIST

(received after July 18, 1990)

CHECK BASIN MAP DWF NAME UMPQUA # 16 UNADJUDICATED AREA ? O.K. DWF
RECEIPT # 90405 S W R NUMBER 83
CHECK ENCLOSURES DWF PRELIMINARY DATA BASE ENTRY DWF
ACKNOWLEDGEMENT LETTER DWF ENTER ON STREAM INDEX Box 10-6-92
CHECK QUADRANGLE MAP Done CHECK GLO PLATS * NO GLO PLATS
WATERMASTER CHECKLIST Done 10-6-92 PUBLIC NOTICE PUBLICATION Box 10-5-92

FORM REVIEW

☒ 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

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

June 25, 1993

WATER
RESOURCES
DEPARTMENT

JAMES F GOSSON
580 SOUTH STATE STREET
SUTHERLIN OR 97479

re: **SWR-83** KINGERY
SWR-91 SENSABAUGH
SWR-115 HELGESON

Dear Jim,

Thanks for your prompt attention to my mapping requests. The maps have been added to the appropriate files.

Sincerely,



Don Knauer
Adjudication Specialist

J:\W\S\C\0\SWR-0083.003



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

June 3, 1993

WATER
RESOURCES
DEPARTMENT

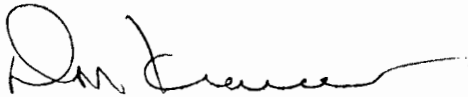
JAMES F GOSSON
580 SOUTH STATE STREET
SUTHERLIN OR 97479

re: SWR-83

Dear Jim,

In reviewing the file for a pre-1909 vested water right claim in the name of Donald Kingery, I find that I do not have the "permanent quality" map. I would appreciate you sending the original so I can add it to the file. Thanks.

Sincerely,

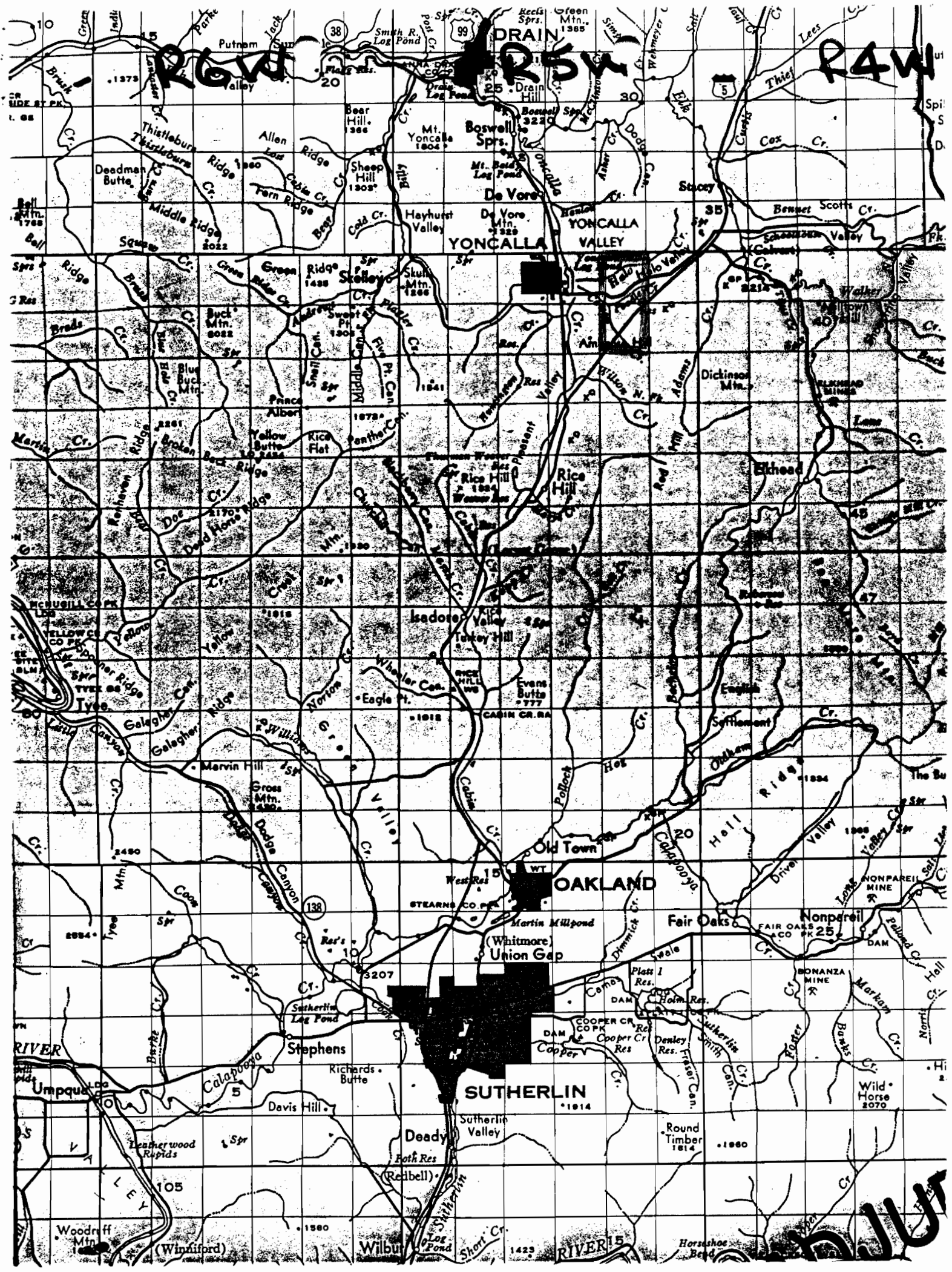


Don Knauer
Adjudication Specialist

J:\W\S\C\0\SWR-0083.002



3850 Portland Rd NE
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FAX (503) 378-8130



Copy

INTERDEPARTMENT MEMO

TO: Watermaster District # 15
FROM: Adjudication Section
RE: Surface Water Registration

Enclosed is a copy of a Registration Statement and accompanying map that has been filed in your district. It has been numbered SWR #83.

We are gathering information about this claim to a pre-1909 water use and would like you to assist us by filing out the checklist below and including any comments that you think might be of significance.

(Yes or No)

1. Do you know anything about this water use? No
2. Have there been any distribution problems relating to this claim? No
3. Do you have reason to believe that the claimed priority date is not accurate? No
4. Does the quantity of water claimed look unreasonable for the uses named? No
5. Does the place of use look to be accurately depicted by the CWRE map enclosed? N/A
6. Do you know if there has been a period of more than a five years of non-use? No
7. Should someone in our section contact you concerning this claim? No

If you answered yes to any of the above questions, please explain below on an additional sheet of paper.

Attach any memo's or correspondence that deal with this water use and return to the Adjudication Section at the address below.

Thank you for your assistance.

Sincerely,

Dun

Adjudication Section

Enclosures

August 13, 1992

Donald Kingery
1475 Elkhead RD
Yoncalla OR 97499

RE: Surface Water Registration

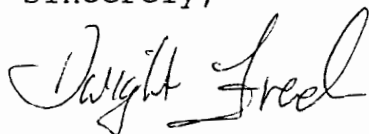
Dear Donald Kingery,

This will acknowledge that your Surface Water Registration Statement in the name of Donald Kingery has been received by our office. The fees in the amount of \$430.00 have been received and our receipt # 90405 is enclosed. It has been numbered SWR- 83.

Our office will review your form and map in the near future. If necessary we will schedule a meeting with you that will include a site inspection. If there are problems with your form we are usually able to take care of them during our visit. We will be able to answer any questions you might have about the adjudication process at that time.

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

Sincerely,



Dwight French
Adjudication Section

enc.



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Salem, OR 97310
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