

Name Robert Radcliffe
By 356 Union Street
Address Salem, Oregon

Application No. 21889
Permit No. 17237
Certificate No. 15510

Stream Index, Page No. 15-78E

Date filed August 17, 1946
Priority August 17, 1946
Action suspended until _____

Returned to applicant _____
Date of approval December 16, 1946

CONSTRUCTION

Date for beginning December 16, 1947
Date for completion October 1, 1948
Extended to _____
Date for application of water October 1, 1949
Extended to _____

PROSECUTION OF WORK

Form "A" filed _____
Form "B" filed _____
Form "C" filed _____

FINAL PROOF

Blank mailed _____
Proof received _____
Date certificate issued JUL 15 1948

FEES PAID

Date	Amount	Receipt No.
8/19/46	51.00	1750
8/21/46	26.25	1757
"	0.109	
"	B. P. Fee	1757
5/1/47	\$1 Cert. Fee	2886

FEES REFUNDED

Date	Amount	Check No.
------	--------	-----------

ASSIGNMENTS

Date	To Whom	Address	Volume	Page
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REMARKS

25.02 cfs from South Fork Rocky Gulch (Rogue River) for mining and power, being 25.0 cfs for power and 0.02 cfs for mining.
Power claim #840 - exempt.

OK Certificate

W.R.I.S.	
Assembled	8-28-85 by <u>Q</u>
Entered	_____ by _____
Verified	_____ by _____

SECTION

26

TOWNSHIP 34S, RANGE 8W, W. M.

North

26

S. 48°18'W 1865 ft
to S.W. cor. sec. 26
T34S, R8W.

Diversion
point
Wheel
Rocky Gulch

South

21889
15-78E17830 7E
15-76

21889

APPLICATION No. 17830

PERMIT No. 13521

17237

Sketched in office of
State Engineer from applicant's
map which will not print, 3/3/39.

Scale 1 in = 660 ft.

Herb Mosgar

From: Kathy Smith
Sent: Thursday, May 03, 2007 2:35 PM
To: customerservice
Subject: C15510, App S21889, Permit S17237

Could you please send me the final proof map for this certificate. The scanned map is for section 26.

Katherine A. Smith
Watermaster, District 14
Oregon Water Resources Department
942 SW 6th Street, Suite E
Grants Pass, Oregon 97526
541-471-2886, ext.233
Fax 541.471.2876

5/7/2007

SECTION

26

TOWNSHIP 34S, RANGE 8W, W. M.

North

26

West



South

21889
15-18E17830 OK
15-76

21889

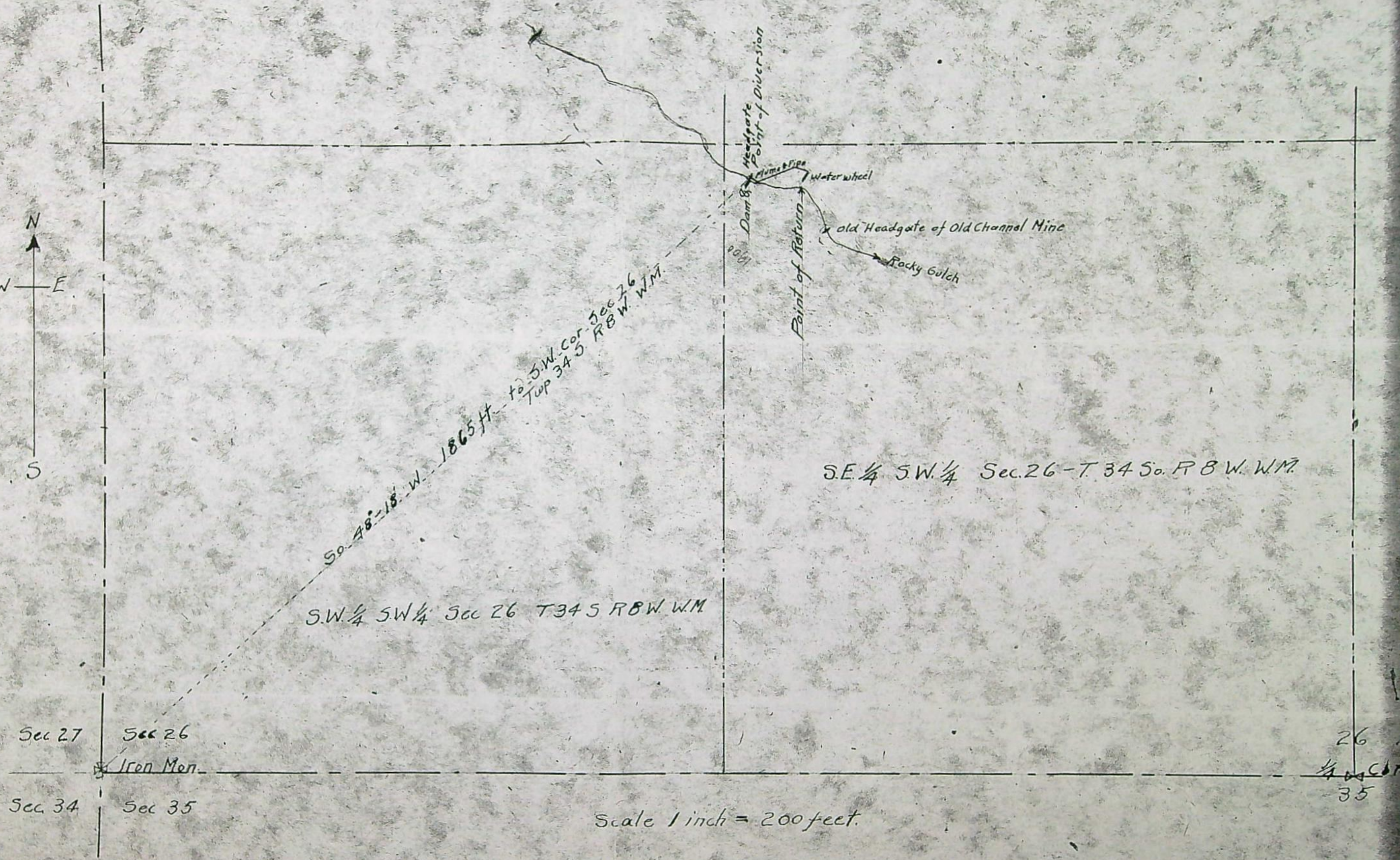
APPLICATION No. 17830

PERMIT No. 18524

172317

Sketched in office of
State Engineer from applicant's
map which will not print, 3/3/39

Scale 1 in = 660 ft.



S.E. 1/4 S.W. 1/4 Sec. 26 - T. 34 S. R. 8 W. W.M.

S.W. 1/4 S.W. 1/4 Sec 26 T34S R8W.W.M.

Sec 27 Sec 26

Iron Mon.

Sec 34 Sec 35

Scale 1 inch = 200 feet.

26
35

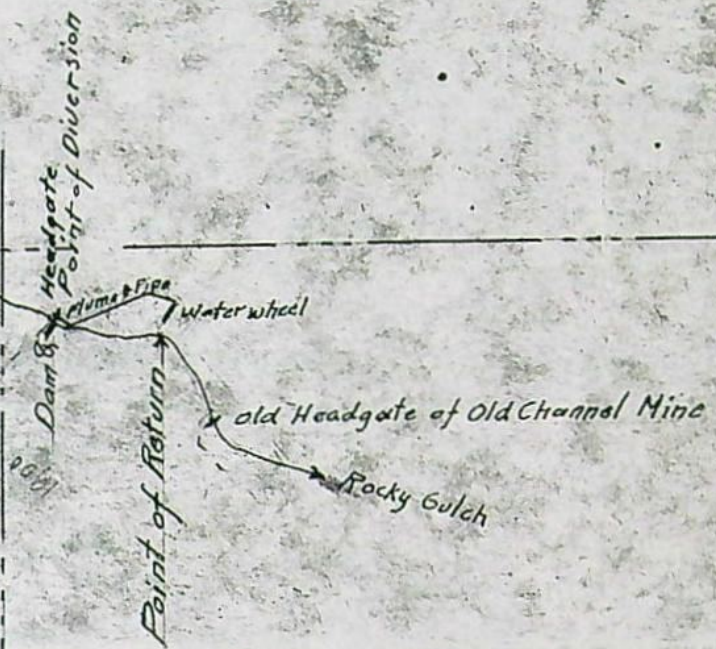


Sec 27 Sec 26
Iron Mon.
Sec 34 Sec 35

S. 48° 18' W. 1865 ft. to S.W. cor. Sec 26
Twp 34 S. R.B.W. WM.
S.W. 1/4 S.W. 1/4 Sec 26 T34S R.B.W. WM.

S.E. 1/4 S.W. 1/4 Sec. 26 - T. 34 S. R.B.W. WM.

Scale 1 inch = 200 feet.



26
400 Cor
35

AFFIDAVIT OF APPROPRIATOR

STATE OF OREGON,

County of

Josephine

SS.

I, *Robert Radcliffe*, being first duly sworn, depose and say that I have read the above and foregoing proof of appropriation of water; that I know the contents thereof, and that the facts therein stated are true.

IN WITNESS WHEREOF, I have hereunto set my hand this *19th* day of *February*, 194*7*.

Robert Radcliffe

Subscribed and sworn to before me this *19th* day of *February*, 194*7*.

Gladys L. Pearson
Notary Public for Oregon

[Notarial Seal]

My commission expires *June 29, 1949*

AFFIDAVIT OF WITNESSES

STATE OF OREGON,

County of

SS.

We, _____, and _____ of _____, being first duly sworn, depose and say that we are well acquainted with the facts and conditions set forth in the foregoing statement relative to proof of appropriation of water under Permit No. _____; that we and each of us have been over and upon each tract described in said proof, and from such personal inspection have knowledge that all necessary ditches, dams and other diversion and distributing works have been constructed, and water used as stated therein; that we have carefully read such proof of appropriation, and that each and every statement contained therein is true to the best of our knowledge and belief.

Subscribed and sworn to before me this _____ day of _____, 194*7*.

Notary Public for Oregon

[Notarial Seal]

My commission expires _____

REPORT OF PERSON MAKING INSPECTION

(For use by Representative of State Engineer)

I, Tom R. Pearce, do hereby certify that ~~the work~~ ^{inspection}
~~was made under my direction~~ ^{was made under my direction} 17237
~~an inspection~~ of the works described herein and in Permit No. _____, on the 17th day
of Feb., 1947, and found the foregoing statements and descriptions of works to
be accurate. In my opinion the appropriation has been completed to the extent of 25.02 c.f.s.
and I recommend the issuance of water right certificate for this amount. (Quantity of water in
second-feet or acre-feet)

NOTICE TO INSPECTORS

If conditions do not justify the above re-
port by you, please return the proof without
your signature, with a full report by letter.

Tom R. Pearce

(Name)

Watermaster District No.16

(Title)

RECEIVED
FEB 21 1947
STATE ENGINEER
SALEM OREGON

15510

County JOSEPHINE

1. Name ...Robert Radcliffe

356 Union St., Salem, Oregon

3. Source of supply .. South Fork Rocky Gulch ..

Tributary of Rogue River

6.0 cfs (capacity of flume)

4. Amount of water ~~25.02 c.p.s.~~

5. Priority date ✓ August 17, 1946

6. Use Mining and power, being 25.00 c.f.s. for power and 0.02 c.f.s. for mining

7. Location of point of diversion, SE $\frac{1}{4}$ SW $\frac{1}{4}$
(Legal Subdivision)

Sec. 26, Twp. 34 S., Range 8W., W. M.

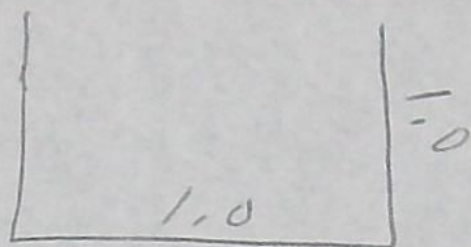
8. The description of land given below corresponds to that found in your permit covering land to be irrigated, or, if for other purposes, the place of use.

[illegible]

(Attach separate sheet if necessary)

DESCRIPTION OF WORKS

9. (a) If a dam has been constructed, give description: Height, 1.5 ft.; length on top, 9 ft.; length on bottom, 9 ft.; material used and character of construction, Log across stream with a 1"x12" plank face.
- (b) Give description of headgate: Width, 1.5 ft.; depth, 2 ft.; material used and character of construction, Lumber
- (c) Size of canal: Width on top (at waterline), 1 ft.; width on bottom, 1 ft.; depth of water, 1 ft.; grade, 100 ft. fall per 1,000 ft. Actual capacity, 26 sec.-ft. Give general description: Wooden flume for 14 feet with flare at ends
- (d) Pipe line: Description of intake, 24" pipe inserted into penstock
- Length of pipe, 70 ft.; size at intake, 24 in.; size at 70 ft. from intake, 24 in.; size at place of use, 24 in. Difference in elevation between intake and place of use, 3 ft. Is grade uniform? yes Actual capacity of pipe line, 30 sec.-ft. Give general description: Steel pipe
(Material: Steel, wrought, cast iron, wood stave, etc.)
- (e) Pumping plant: Give size and type of pump, _____ Suction lift, _____ ft.; discharge lift, _____ ft. Type of motor used _____ Horsepower rating, _____ H. P. Actual capacity of pump, _____ sec.-ft.
10. During what months is water beneficially used? November 1 to April 1
11. State character of soil _____ Kind of crops raised _____
12. Does the accompanying map, filed with your application, show correctly the point of diversion, area of land irrigated, or place of use? yes
13. If not, wherein is such map in error? _____
14. Domestic use: Give number of families actually using water at this time _____
15. If for power, mining, municipal, manufacturing, storage or any other purpose than irrigation, give extent and method of such use Power for mining and grinding ore.
Possibly 10 or 15 year operation for 2 men



$$a = 1.0$$

$$WP = 3$$

$$R = \frac{1}{3} = 0.333$$

$$S = 100 \text{ in } 1000 = 0.1$$

$$C = 103$$

$$V = C \sqrt{RS} = 103 \sqrt{.333 \times .1} = 103 \times 0.1817 \\ = 18.7$$

$$\eta = .012$$

$$V(\text{tab.}) = 5.4$$

$$\sqrt{0.1} = .3162$$

$$10 \times .3162 = 3.16$$

$$V = 3.16 \times 5.4 = 17.0$$

Proof

P-17237

RECEIVED

FEB 21 1947

STATE ENGINEER
SALEM OREGON

$$\textcircled{C} = \frac{\frac{1.811}{.013} + 41.6 + \frac{.00281}{.1}}{1 + \left\{ 41.6 + \frac{.00281}{.1} \right\} \frac{.013}{1.333}} =$$

$$\frac{.013 \overline{) 1.811} \quad 139.31 \quad + 41.6 + .1 \overline{) .00281} \quad .0281}{1 + \left\{ 41.6 + .0281 \right\} \frac{.013^{(27.5)}}{.577}} = \frac{180.94}{1.9367} = 93.4$$

$$V = 93 \times \sqrt{1.333 \times .1} =$$

$$93 \sqrt{.133} = 93 \times .115 = 10.7 \text{ ft.}$$

July 15, 1948

Mr. Robert Radcliffe
356 Union Street
Salem, Oregon

Dear Mr. Radcliffe:

Water right Certificate No. 15510 has been issued in confirmation of your right under Permit No. 17237 and is being forwarded to the clerk of Josephine County today for recording in his records.

After recording it in his records he will forward it to you, and you should receive it within the next few days. In the event that the certificate is not received within a reasonable length of time, I would suggest that you take the matter up with the County Clerk.

Very truly yours,

Chas E. Stricklin

CHAS. E. STRICKLIN
State Engineer

STATE OF OREGON

COUNTY OF JOSEPHINE

ABSTRACT OF CERTIFICATE OF WATER RIGHT NO. 15510

Robert Radcliffe of 356 Union St., Salem
 State of Oregon, has made proof to the satisfaction of
 the State Engineer of Oregon, of a right to the use of the waters of
 South Fork Rocky Gulch
 a tributary of Rogue River, for the purpose of
 mining and power
 under Permit No. 17237 of the State Engineer, and that said right to the use
 of said waters has been perfected in accordance with the laws of Oregon;
 that the priority of the right hereby confirmed dates from
 August 17, 1946
 that the amount of water to which such right is entitled and hereby con-
 firmed, for the purposes aforesaid, is limited to an amount actually bene-
 ficially used for said purposes, and shall not exceed 6.0 c.f.s., being
 5.98 c.f.s. for power and 0.02 c.f.s. for mining,
 or its equivalent in case of rotation.
 The point of diversion is located in the SE $\frac{1}{4}$ SW $\frac{1}{4}$, Section 26, T. 34 S.,
 R. 8 W., W. M.

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 ----- of one cubic foot per second per acre,

and 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 hereby confirmed,
 and to which such right is appurtenant, is as follows:

SE $\frac{1}{4}$ SW $\frac{1}{4}$,
 Section 26,
 T. 34 S., R. 8 W.W.M.

The right to the use of water for the purposes aforesaid is
 restricted to the lands or place of use herein described.

REMARKS:

OK

Tom R. Chase
 Watermaster

(Make any further remarks on reverse side)

March 21, 1947

Mr. Robert Radcliffe
356 Union Street
Salem, Oregon

Dear Mr. Radcliffe:

We are just in receipt of a letter from Mr. Tom R. Pearce, the Watermaster of District No. 16 to the effect that pursuant to a request from this office he made an actual measurement of flow through the flume carrying water for the appropriation proposed under your Permit No. 17237 and he states that the maximum capacity of this flume is 6.0 cubic feet per second.

As provided by law proof can be made under a State Engineers permit for not to exceed the capacity of the equipment involved and for this reason proof can be made under your Permit No. 17237 covering the quantity of water not to exceed 6.0 cubic feet per second.

Yours very truly,

CHAS. E. STRICKLIN
State Engineer

EKH:CI

By
Ed K. Humphrey, Assistant

STATE OF OREGON

STRICKLIN, STATE ENGINEER
SECRETARY
RECLAMATION COMMISSION
ELECTRIC COMMISSION OF OREGON

OFFICE OF THE
STATE ENGINEER
WATER RESOURCES DEPARTMENT
SALEM

ADDRESS ALL COMMUNICATIONS
CHAS. E. STRICKLIN, STATE ENGINEER
SALEM, OREGON

AND REFER TO
FILE NO. 21889

March 4, 1947

RECEIVED
MAR 18 1947
STATE ENGINEER
SALEM, OREGON

Mr. Tom R. Pearce, Watermaster
District No. 16
Grants Pass, Oregon

Dear Mr. Pearce:

This will acknowledge receipt of your letter of February 19 with which you enclosed final proof in connection with Permit No. 17237 in the name of Robert Radcliffe.

The proof is for 25.02 cubic foot per second to be carried through a flume 1 foot in width with a depth of water of 1 foot and a slope of 0.10 indicating a mean velocity of 25 feet per second.

Mr. Stricklin suggests that you make an actual measurement of the discharge through the flume in question sometime at your convenience and let us have the results of this measurement.

Yours very truly,

Ed K. Humphrey
ED K. HUMPHREY

EKH:CI

Grants Pass, Ore., March 17th, 1947

Dear Mr. Humphrey:

During March 16th, I made an actual measurement of the flume, and found that its capacity was 6.0 c.f.s. The headbox was 2 feet wide, there being a transition in the first ten feet from 2 feet to 1 foot in width. I raised the headgate and, without too much work, was able to get a depth of 0.6 feet in the 1 foot flume. the velocity was little better than 5 feet per second. (With a 1 foot depth we should get a velocity of 6 feet per second.) The stream ~~was~~ carrying about 5 sec.ft. It would not carry 20 sec.ft. except in high water.

Please tell Mr. Stricklin that he was right and that I would like to change my recommendation and recommend that the issuance of a water right certificate to the extent of 6.0 sec.ft.

Yours very truly,

Tom R. Pearce, Watermaster

*Mr. Humphrey
I have been ordered to make this suggestion I have 25 miles to bridge
then up a mountain road raising 800 feet in 2 miles; then
walked about 2 miles over mountain trail. Could not have
made this trip in my old car but now have a "New Ford".
100 H.P. 8 cylinder. Yours Tom*

(So. Fork Reddy St.)

March 4, 1947

Mr. Tom R. Pearce, Watermaster
District No. 16
Grants Pass, Oregon

Dear Mr. Pearce:

This will acknowledge receipt of your letter of February 19 with which you enclosed final proof in connection with Permit No. 17237 in the name of Robert Radcliffe.

The proof is for 25.02 cubic foot per second to be carried through a flume 1 foot in width with a depth of water of 1 foot and a slope of 0.10 indicating a mean velocity of 25 feet per second.

Mr. Stricklin suggests that you make an actual measurement of the discharge through the flume in question sometime at your convenience and let us have the results of this measurement.

Yours very truly,

EKH:CI

ED K. HUMPHREY

STATE OF OREGON

OFFICE OF THE

STATE ENGINEER

WATER RESOURCES DEPARTMENT

SALEM

December 4, 1946

ADDRESS ALL COMMUNICATIONS
CHAS. E. STRICKLIN, STATE ENGINEER
SALEM, OREGON

AND REFER TO
FILE NO. 21889

STATE ENGINEER
COMMISSION
MISSION OF OREGON

Mr. Tom R. Pearce
Watermaster, District No. 16
Grants Pass, Oregon

Dear Mr. Pearce:

I am enclosing a blank for making final proof under
Permit No. 17237 in the name of Robert Radcliffe.

You are requested to make your usual inspection at your
convenience and submit the proof to this office with the \$1.00
certificate recording fee.

Yours very truly,

CHAS. E. STRICKLIN
State Engineer

RECEIVED

FEB 21 1947

EKH:vc STATE ENGINEER
Enc. SALEM, OREGON

By *Ed K. Humphrey*
Ed K. Humphrey, Assistant

Grants Pass, Ore., Feb. 19th, 1947

Dear Mr. Humphrey:

Enclosed is form for final proof under Permit No.
17237, together with \$1.00 in currency for the cer-
tificate recording fee.

Yours very truly,

Tom R. Pearce
Watermaster District No. 16

December 4, 1946

Mr. Tom R. Pearce
Watermaster, District No. 16
Grants Pass, Oregon

Dear Mr. Pearce:

I am enclosing a blank for making final proof under
Permit No. 17237 in the name of Robert Radcliffe.

You are requested to make your usual inspection at your
convenience and submit the proof to this office with the \$1.00
certificate recording fee.

Yours very truly,

CHAS. E. STRICKLIN
State Engineer

By
Ed K. Humphrey, Assistant

EKH:vc
Enc.

21889

December 16, 1946

Mr. Robert Radcliffe
356 Union Street
Salem, Oregon

Dear Mr. Radcliffe:

Herewith you will find Application No. 21889, Permit No. 17237,
together with blueprint.

October 7, 1946

Mr. Robert Radcliffe
356 Union Street
Salem, Oregon

Dear Mr. Radcliffe:

Pursuant to your letter of September 30, delivered to this office by your Aunt, I have completed your application number 21889 by attaching under item eight as a further description of the place of use "the Black Bears group of five claims".

Very truly yours,

CHAS. E. STRICKLIN
State Engineer

By

Ed K. Humphrey, Assistant

EKH:nw

Sept 30. 1946.

Galice Ore.

Friend Mr Humphrey.

I received your letter
of Sept 18 stating if I would
send you the legal description
of the property which I filed
in with my application No
21889.

At this time I am at the
mine and as the copies
that I have of the description
of each of the five claims
are in Salem with my Aunt
Mrs Roberts I will ask her
to bring them into your office
for you to look over.

ive claims are
as a group known as
ack Bear group and
listed at the Josephine
County court house in the
mining laws of the State.

Hoping this will be the
information you need.

Yours Truly

R. H. Radcliffe.

P.S.

Received receipts for
Examination Recording and
Blue printing.

Thank you very kindly.

September 18, 1946

Robert Radcliffe
356 Union St.
Salem, Oregon

Dear Mr. Radcliffe:

If you will send us the legal description of the property figuring in your proposed appropriation under your Application No. 21889, as this description appears on your deed, abstract or contract, we will add the description to your application which will then be placed in line for approval and issuance of a permit.

Our receipts No. 1757 and No. 1750 are enclosed to cover the statutory fees.

Very truly yours,

CHAS. E. STRICKLIN
State Engineer

By:

Ed K. Humphrey, Assistant

EKH:DW

21889

September 2, 1946

Fish Commission of Oregon
806 Oregon Building
Fifth and Oak Streets
Portland 4, Oregon

Attention: Mr. M. T. Hoy
Assistant Master Fish Warden

Dear Mr. Hoy:

Pursuant to your letter of August 27, I am enclosing
herewith a copy of Application No. 21889 in the name of
Robert Radcliffe.

Yours very truly,

CHAS. E. STRICKLIN
State Engineer

By
Ed K. Humphrey, Assistant

EKH:vc
Enc.



COMMISSIONERS:

JOHN C. VEATCH, CHAIRMAN, PORTLAND

ROBERT L. JONES CLIFTON

EARL H. HILL CUSHMAN

FISH COMMISSION OF OREGON

806 OREGON BUILDING, FIFTH AND OAK STREETS

PORTLAND 4, OREGON

August 27, 1946

21689

Mr. Charles E. Stricklin
State Engineer
Salem, Oregon

RECEIVED

AUG 28 1946

STATE ENGINEER
SALEM, OREGON

Dear Sir:

Referring to your circular letter showin list of applications for permits to appropriate water which have been received in your office since August 17, 1946, reference is made to the application of Robert Radcliffe, 356 Union St., Salem, Oregon, for a permit to appropriate 25.02 second-feet of water from South Fork Rocky Gulch, a tributary of Rogue River, for mining and power in Josephine County.

We are interested in receiving information as to the location and method of diversion; also in receiving a description of the works.

This letter is not to be construed as a protest against the above-mentioned application. If, after receiving the information above requested we are still interested in making protest, a formal protest will be filed.

Thanking you for your cooperation, I am,

Very truly yours,

ARNIE J. SUOMELA
MASTER FISH WARDEN

By 

Assistant

MTH:MW