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STATE ENGINEER
SALEM, OREGON

Permit No. G-5457

APPLICATION FOR A PERMIT

CERTIFICATE NO. 46872

To Appropriate the Ground Waters of the State of Oregon

I, Charles V. Shuck
(Name of applicant)
of Beaumont, Merrill, county of Klamath
(Postoffice Address)
state of Oregon, do hereby make application for a permit to appropriate the following described ground waters of the state of Oregon, SUBJECT TO EXISTING RIGHTS:

If the applicant is a corporation, give date and place of incorporation

1. Give name of nearest stream to which the well, tunnel or other source of water development is situated Lost River
(Name of stream)

tributary of Tulelake Sump

2. The amount of water which the applicant intends to apply to beneficial use is 0.5125 cubic feet per second or 230 gallons per minute.

3. The use to which the water is to be applied is Irrigation.

4. The well or other source is located 522 ft. East and 43 ft. North from the Center corner of Section 32
(N. or S.) (E. or W.) (Section or subdivision)

(If preferable, give distance and bearing to section corner)

(If there is more than one well, each must be described. Use separate sheet if necessary)

being within the SW $\frac{1}{4}$ NE $\frac{1}{4}$ of Sec. 32, Twp. 40 S, R. 11E, W. M., in the county of Klamath.

5. The Pipe Line to be 2700 feet miles
(Canal or pipe line)
in length, terminating in the NW $\frac{1}{4}$ SW $\frac{1}{4}$ of Sec. 33, Twp. 40S, R. 11 E, W. M., the proposed location being shown throughout on the accompanying map.
(Smallest legal subdivision)

6. The name of the well or other works is Shuck Well.

DESCRIPTION OF WORKS

7. If the flow to be utilized is artesian, the works to be used for the control and conservation of the supply when not in use must be described.

8. The development will consist of One Well having a
(Give number of wells, tunnels, etc.)
diameter of 10 inches and an estimated depth of 137 feet. It is estimated that 17 feet of the well will require Welded Steel casing. Depth to water table is estimated 82
(Kind) (Feet)

CANAL SYSTEM OR PIPE LINE—

9. (a) Give dimensions at each point of canal where materially changed in size, stating miles from headgate. At headgate: width on top (at water line) feet; width on bottom feet; depth of water feet; grade feet fall per one thousand feet.

(b) At miles from headgate: width on top (at water line) feet; width on bottom feet; depth of water feet; grade feet fall per one thousand feet.

(c) Length of pipe, 2700 ft.; size at intake 6 in.; in size at ft. from intake in.; size at place of use 6 in.; difference in elevation between intake and place of use, 640 ft. Is grade uniform? Yes Estimated capacity, sec. ft.

10. If pumps are to be used, give size and type 1-30 H.P. Turbine
1-25 H.P. CENTRIFUGAL

Give horsepower and type of motor or engine to be used 1-30 H.P. Turbine
1-25 H.P. CENTRIFUGAL BOOSTER

11. If the location of the well, tunnel, or other development work is less than one-fourth mile from a natural stream or stream channel, give the distance to the nearest point on each of such channels and the difference in elevation between the stream bed and the ground surface at the source of development

12. Location of area to be irrigated, or place of use

Township N. or S.	Range E. or W. of Willamette Meridian	Section	Forty-acre Tract	Number Acres To Be Irrigated
40S	11E	32	NE 1/4 SE 1/4	33.0
40S	11E	33	NW 1/4 SW 1/4	8.0

(If more space required, attach separate sheet)

Character of soil Sandy Loam
Kind of crops raised Hay, Grain, row crops.

MUNICIPAL SUPPLY—

13. To supply the city of
in county, having a present population of
and an estimated population of in 19.....

ANSWER QUESTIONS 14, 15, 16, 17 AND 18 IN ALL CASES

14. Estimated cost of proposed works, \$ 60000

15. Construction work will begin on or before 4-10-71

16. Construction work will be completed on or before 5-1-71

17. The water will be completely applied to the proposed use on or before 5-1-71

18. If the ground water supply is supplemental to an existing water supply, identify any application for permit, permit, certificate or adjudicated right to appropriate water, made or held by the applicant. This well supplies water to the W 1/2 NE 1/4 of Section 32, T40S, R11EWM.

Reference: Application No. G-1257

Permit No. G-1157.

Charles J. Smith
(Signature of applicant)

Remarks:

STATE OF OREGON, }
County of Marion, } ss.

This is to certify that I have examined the foregoing application, together with the accompanying maps and data, and return the same for

In order to retain its priority, this application must be returned to the State Engineer, with corrections on or before, 19.....

WITNESS my hand this day of 19.....

STATE ENGINEER

By ASSISTANT

STATE OF OREGON, }
County of Marion, } ss.

PERMIT

This is to certify that I have examined the foregoing application and do hereby grant the same, SUBJECT TO EXISTING RIGHTS, and the following limitations and conditions:

The right herein granted is limited to the amount of water which can be applied to beneficial use and shall not exceed 0.51 cubic feet per second measured at the point of diversion from the well or source of appropriation, or its equivalent in case of rotation with other water users, from

Schuck Well

The use to which this water is to be applied is irrigation

If for irrigation, this appropriation shall be limited to 1/80 of one cubic foot per second or its equivalent for each acre irrigated and shall be further limited to a diversion of not to exceed 3 acre feet per acre for each acre irrigated during the irrigation season of each year;

and shall be subject to such reasonable rotation system as may be ordered by the proper state officer.

The well shall be cased as necessary in accordance with good practice and if the flow is artesian the works shall include proper capping and control valve to prevent the waste of ground water.

The works constructed shall include an air line and pressure gauge or an access port for measuring line, adequate to determine water level elevation in the well at all times.

The permittee shall install and maintain a weir, meter, or other suitable measuring device, and shall keep a complete record of the amount of ground water withdrawn.

The priority date of this permit is September 14, 1971

Actual construction work shall begin on or before February 21, 1976 and shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1976

Complete application of the water to the proposed use shall be made on or before October 1, 1977

WITNESS my hand this 21st day of February, 1975.

Chris L. Wheeler

STATE ENGINEER

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Application No. G-5618
Permit No. G-5457

PERMIT

TO APPROPRIATE THE GROUND
WATERS OF THE STATE
OF OREGON

This instrument was first received in the
office of the State Engineer at Salem, Oregon,
on the 21st day of February,
1975, at 7 o'clock A. M.

Returned to applicant:

Approved:

February 21, 1975

Recorded in book No. G 5457 of

Ground Water Permits on page G 5457

CHRIS L. WHEELER
STATE ENGINEER

Drainage Basin No. 14, page 38

21.65