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MAY 21 1975

STATE ENGINEER
SALEM, OREGON

Permit No. G- **G 6466**

CERTIFICATE NO. **50260**

APPLICATION FOR A PERMIT

To appropriate the Ground Waters of the State of Oregon

I, Walter Herdt
(Name of applicant)
of RR1-Box 486 - Tualatin, county of Clackamas,
(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 Tualatin river
(Name of stream)
tributary of Hillman R.

2. The amount of water which the applicant intends to apply to beneficial use is _____ cubic feet per second or 352.5 gallons per minute.

3. The use to which the water is to be applied is 7 acreage pasture
3 acreage alfalfa.

4. The well or other source is located 209 ft. S and 95 ft. E from the Center corner of sec 31 D INITIAL POINT center section 31 Bears
(Section or subdivision)
East 279470 ft AND N 0' 10 28" W 2940 ft from the W 1/4 corner
sect 31, T 2 S R 1 E W M
(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 Northwest 1/4 SE 1/4 of Sec. 31 D, Twp. 2 S, R. 1 E, W. M., in the county of Clackamas

5. The _____ to be _____ miles
(Canal or pipe line)
in length, terminating in the _____ of Sec. _____, Twp. _____,
(Smallest legal subdivision)
R. _____, W. M., the proposed location being shown throughout on the accompanying map.

6. The name of the well or other works is _____

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 6" inches and an estimated depth of 292' feet. It is estimated that 50'
feet of the well will require 6" 250 gpf casing. Depth to water table is estimated 192'
(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, ft.; size at intake in.; in size at ft. from intake in.; size at place of use in.; difference in elevation between intake and place of use, ft. Is grade uniform? Estimated capacity, sec. ft.

10. If pumps are to be used, give size and type #1 5 hp Submersible

#2 Booster 2 hp centrifugal

Give horsepower and type of motor or engine to be used 1-5 hp 220-3 phase

1.2 hp 3 phase motor

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

The alata river is nearest natural stream well located app 2 1/2 miles south of river. Willamette River is app 3 miles south of well.

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

Township N. or S.	Range E. or W. of Willamette Meridian	Section	Forty-acre Tract	Number Acres To Be Irrigated
25	1E	31D	well map NO DFK 100-262 NW 1/4 SE 1/4 section 31	6.0 acres 10.0
			NE 1/4 SW 1/4	4.0
				10.0

(If more space required, attach separate sheet)

Character of soil aloha silt loam

Kind of crops raised Pasture - ALFAFA -

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, \$ 5,000
- 15. Construction work will begin on or before 2/8/74
- 16. Construction work will be completed on or before 7/15/74
- 17. The water will be completely applied to the proposed use on or before June 1975

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.

Walter Herdt
(Signature of applicant)

Remarks: I am sending design data compiled by Portland General Electric Co.

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

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

In order to retain its priority, this application must be returned to the State Engineer, with corrections on or before August 5, 1975.
October 9 75

WITNESS my hand this 5th day of June, 1975.
7 th August 75

CHRIS L. WHEELER

STATE ENGINEER

By Thomas E. Skook
Thomas E. Skook

ASSISTANT

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JUL 24 1975

WATER RESOURCES DEPT.
SALEM, OREGON

RECEIVED

SEP 1 9 1975

WATER RESOURCES DEPT.
SALEM, OREGON

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 0.08 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 a well

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

If for irrigation, this appropriation shall be limited to 1/80th 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 .23 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 May 21, 1975

Actual construction work shall begin on or before March 24, 1977 and shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1977

Complete application of the water to the proposed use shall be made on or before October 1, 1978

WITNESS my hand this 24th day of March, 1976

James E. Schen
WATER RESOURCES DIRECTOR

Application No. G- 6951
Permit No. G- G 6466

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 May 1975, at 8:00 o'clock A. M.

Returned to applicant:

Approved:

Recorded in book No. _____ of _____
Ground Water Permits on pag G-6466

STATE ENGINEER
Drainage Basin No. 2 page 192

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