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STATE ENGINEER
SALEM, OREGON

"CERTIFICATE NO. 55599

Permit No. G- **G 6420**

APPLICATION FOR A PERMIT

To Appropriate the Ground Waters of the State of Oregon

I, LORENCE C. PFAFFLE (Name of applicant)
of Rt. 2 Box 162 Milton-Freewater, county of Umatilla
(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 South Branch of Mud Creek -- a tributary of Walla Walla River.
(Name of stream)

tributary of (Walla Walla River)

2. The amount of water which the applicant intends to apply to beneficial use is 300 cubic feet per second or 300 gallons per minute.

3. The use to which the water is to be applied is supplemental irrigation & domestic

~~water supply~~

4. The well or other source is located 240 ft. N and 1060 ft. E from the SW
(N. or S.) (E. or W.)
corner of NW 1/4 NE 1/4 Section 19
(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 NW 1/4 NE 1/4 of Sec. 19, Twp. 6 N, R. 35 E,
W. M., in the county of Umatilla

5. The Main Pipeline (Canal or pipe line) to be Approx. 2000 feet
in length, terminating in the (all within) NE 1/4 of Sec. 19, Twp. 6 N,
(Smallest legal subdivision)
R. 35 E, W. M., the proposed location being shown throughout on the accompanying map.

6. The name of the well or other works is Well # 1.

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 1 well having a
(Give number of wells, tunnels, etc.)
diameter of 12" inches and an estimated depth of 300 feet. It is estimated that 96
feet of the well will require 4" wall casing casing. Depth to water table is estimated 49.
(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, 2000 ft.; size at intake 4 in.; in size at ft. from intake in.; size at place of use 3 in.; difference in elevation between intake and place of use, 17' Mostly the same elevation. Is grade uniform? Yes. Estimated capacity, 0.66 sec. ft.

10. If pumps are to be used, give size and type 4" Turbine pump—approximately 20 H.P.

Give horsepower and type of motor or engine to be used Approximately 20 H.P.

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

247' North from South Branch of Mad Creek.

The well is approximately 17' higher in elevation than the creek.

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
6 N	35 E.W.M.	19	NE $\frac{1}{4}$ of NE $\frac{1}{4}$	approximately 5.8 Acres
6 N	35 E.W.M.	19	SE $\frac{1}{4}$ of NE $\frac{1}{4}$	40 Acres
6 N	35 E.W.M.	19	NW $\frac{1}{4}$ of NE $\frac{1}{4}$	approximately 8.5 Acres
				Total 54.3 ac.
			Note: - all Supplemental	

(If more space required, attach separate sheet)

Character of soil Taken from East Umatilla Soil Cons. District Report: Esquatzel silt loam; Umapine very fine sandy loam; Pedigo silt loam, Ellisford silt loam.
Kind of crops raised Wheat, alfalfa, pasture.

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, \$.5552.00 for well & casing; Approx. \$7000.00 for pump.
- 15. Construction work will begin on or before November, 1974.
- 16. Construction work will be completed on or before Pump should be here & installed at least by May 15, 1975.
- 17. The water will be completely applied to the proposed use on or before August 1, 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. Permit #10439 Water right from South Branch of Mud Creed. Cert 9602

(Also have a surplus water right.) & App G-6890

Lorene C. Pfeiffer
(Signature of applicant)

Remarks: *The southerly 247.5 feet of the NW 1/4 NE 1/4 Section 19, as described under permit G-531, Certificate 30130 is no longer irrigated from the well described by said right.*

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 0.67 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 Well No. 1.

The use to which this water is to be applied is supplemental 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 3 acre feet per acre for each acre irrigated during the irrigation season of each year; provided further that the right allowed herein shall be limited to any deficiency in the available supply of any prior right existing for the same land and shall not exceed the limitation allowed herein,

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 April 10, 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. [Signature]
WATER RESOURCES DIRECTOR

Application No. G- 6889
Permit No. G- G 6420

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 10th day of April
1975, at 1:15 o'clock P. M.

Returned to applicant:

Approved:

Recorded in book No. of
G 6420
Ground Water Permits on page

STATE ENGINEER

Drainage Basin No. 7 page 22

10/15