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STATE ENGINEER  
SALEM, OREGON

Permit No. G-**G 6342**

APPLICATION FOR A PERMIT

CERTIFICATE NO. 45576

# To Appropriate the Ground Waters of the State of Oregon

~~By~~ We, MARTIN H. BUCHANAN and JANET A. BUCHANAN  
(Name of applicant)

of P.O. Box 576, Milton-Freewater, county of Umatilla,  
(Postoffice Address)

state of Oregon 97862, 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 Birch Creek  
(Name of stream)

tributary of Walla Walla River

2. The amount of water which the applicant intends to apply to beneficial use is 425 cubic feet per second or 190.83 gallons per minute.

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

4. The well or other source is located 1590 ft. S and 540 ft. E from the NW corner of SW $\frac{1}{4}$  NE $\frac{1}{4}$  of Section 20  
(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 NW $\frac{1}{4}$  SE $\frac{1}{4}$  of Sec. 20, Twp. 6N, R. 36E, W. M., in the county of Umatilla

5. The pipeline to be less than one miles in length, terminating in the SW $\frac{1}{4}$  NE $\frac{1}{4}$ , NW $\frac{1}{4}$  SE $\frac{1}{4}$  of Sec. 20, Twp. 6N, R. 36E, W. M., the proposed location being shown throughout on the accompanying map.  
(Canal or pipe line) (Smallest legal subdivision)

6. The name of the well or other works is Smith #2

## 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 diameter of 10 & 8 inches and an estimated depth of 690 feet. It is estimated that 457 feet of the well will require standard casing. Depth to water table is estimated 195 feet.  
(Give number of wells, tunnels, etc.) (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, portable ..... 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? .....yes..... Estimated capacity, .....3.05..... sec. ft.

10. If pumps are to be used, give size and type .....centrifugal.....

Give horsepower and type of motor or engine to be used .....electric 50 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

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
6N	36E	20	SW $\frac{1}{4}$ NE $\frac{1}{4}$	6.0
			NW $\frac{1}{4}$ SE $\frac{1}{4}$	10.8
			SW $\frac{1}{4}$ SE $\frac{1}{4}$	.2
				17.0

(If more space required, attach separate sheet)

Character of soil .....Walla Walla silt loam.....

Kind of crops raised .....wheat, vegetables.....



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 0.21 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 Smith No. 2 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 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 November 28, 1975

Actual construction work shall begin on or before January 28, 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 28th day of January 1976

James E. Seron  
WATER RESOURCES DIRECTOR STATE ENGINEER

Application No. G-7167

Permit No. G-6342

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 28th day of November 1975, at 8:00 o'clock A. M.

Returned to applicant:

Approved:

Recorded in book No. of Ground Water Permits on page G-6342

STATE ENGINEER

Drainage Basin No. 7 page 78

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