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WATER RESOURCES DEPT
SALEM, OREGON

CERTIFICATE NO. 53741

Permit No. G-7511

APPLICATION FOR A PERMIT

To Appropriate the Ground Waters of the State of Oregon

I, 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 1.75 cubic
feet per second or 785.75 gallons per minute.

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

See Exhibit A

4. The well or other source is located See Exhibit A ft. and See Exhibit A ft. from the
(N. or S.) (E. or W.)
corner of See Exhibit A
(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 See Exhibit A of Sec. See Exhibit A, Twp. See Exhibit A, R. See Exhibit A,
W. M., in the county of See Exhibit A

5. The pipeline portable wheel line
(Canal or pipe line) to be and hand line miles
in length, terminating in the See Exhibit A of Sec. See Exhibit A, Twp. See Exhibit A,
(Smallest legal subdivision)
R. See Exhibit A, W. M., the proposed location being shown throughout on the accompanying map.

6. The name of the well or other works is Buchanan 1 and 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 two wells having a
(Give number of wells, tunnels, etc.)
diameter of 18 inches and an estimated depth of 1,000 feet. It is estimated that
feet of the well will require standard casing. Depth to water table is estimated 195
(Kind) (Feet)

SP 10630

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,
..... sec. ft.

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

Give horsepower and type of motor or engine to be used electric h.p. unknown

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

[illegible]

(If more space required, attach separate sheet)

Character of soil Walla Walla silt loam

Kind of crops raised wheat and vegetables

EXHIBIT A

LOCATION

Well No. 1

2,630 feet S. and 3,295 feet W. from the NE corner of Section 29, T. 6N., R. 36 E.W.M. being within the SE $\frac{1}{4}$ NW $\frac{1}{4}$ of Section 29, T. 6N., R. 36, E.W.M.

Well No. 2

2,630 feet S. and 10 feet W. from the NE corner of Section 30, T. 6N., R. 36, E.W.M. being within the SE $\frac{1}{4}$ NE $\frac{1}{4}$ of Section 30, T. 6N., R. 36, E.W.M.

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WATER RESOURCES DEPT
SALT LAKE COUNTY

G 7511

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, \$ 25,000

15. Construction work will begin on or before one year from the date this permit is issued

16. Construction work will be completed on or before two years from the date this permit is issued

17. The water will be completely applied to the proposed use on or before three years from the date this permit is issued

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.

Janet A. Buchanan
Martin H. Buchanan
(Signature of applicant)

Remarks: Well No. 1 will be the primary source and Well No. 2 will be the supplemental source. Depending on the respective yields of the two wells, the primary and supplemental designations may be reversed. The same wells will be used as are described in Permit No. G-6341.

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 completion.

In order to retain its priority, this application must be returned to the State Engineer, with corrections on or before August 15, 19 77.

WITNESS my hand this 15th day of July, 19 77

RECEIVED
JUL 20 1977
WATER RESOURCES DEPT
SALEM, OREGON

JAMES E. SEXSON
Director STATE ENGINEER
By *Vestal R. Garner*
Vestal R. Garner STATE ENGINEER

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 0.88 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 two wells.

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 May 18, 1977

Actual construction work shall begin on or before September 14, 1978 and shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1978

Complete application of the water to the proposed use shall be made on or before October 1, 1979

WITNESS my hand this 14th day of September 1977

James E. Saxon
Water Resources Director

XXXXXXXXXXXX

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Permit No. G- 7511

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 18 day of May
1977, at 11 o'clock H. M.

Returned to applicant:

Approved:

Recorded in book No. of
Ground Water Permits on page

STATE ENGINEER

Drainage Basin No. page

41200