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STATE ENGINEER  
SALEM, OREGON

CERTIFICATE NO. 44142

Permit No. G-5164

APPLICATION FOR A PERMIT

# To appropriate the Ground Waters of the State of Oregon.

I, HESSEL BIERMA (Name of applicant)

of R.T. 2 BOX 175 WOODBURN, county of CLACKAMAS,  
(Postoffice Address)

state of OREGON 97071, 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 unnamed creek tributary of ROCK CREEK  
(Name of stream)

tributary of BEAR CREEK

2. The amount of water which the applicant intends to apply to beneficial use is 2.03 cubic feet per second or \_\_\_\_\_ gallons per minute.

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

4. The well or other source is located 27° 5' S 2437' W ft. and \_\_\_\_\_ ft. from the NE corner of SEC. 19, T. 5 S - R. 1 E  
(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 1/4 NE 1/4 of Sec. 19, Twp. 5 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. \_\_\_\_\_, R. \_\_\_\_\_, 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 unnamed

## 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 8 inches and an estimated depth of 245 feet. It is estimated that 245 feet of the well will require STEEL casing. Depth to water table is estimated 20  
(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 30 HP TURBINE - ELEC. -

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

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

unnamed creek  
20'-25' elevation difference

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
5S	1E	18	SW <sup>1</sup> / <sub>4</sub> SE <sup>1</sup> / <sub>4</sub>	19.9
5S	1E	18	SE <sup>1</sup> / <sub>4</sub> SE <sup>1</sup> / <sub>4</sub>	<del>19.5</del> 20.0
5S	1E	19	NE <sup>1</sup> / <sub>4</sub> NW <sup>1</sup> / <sub>4</sub>	<del>15.0</del> 17.3
5S	1E	19	NW <sup>1</sup> / <sub>4</sub> NE <sup>1</sup> / <sub>4</sub>	<del>31.5</del> 36.1
5S	1E	19	NE <sup>1</sup> / <sub>4</sub> NE <sup>1</sup> / <sub>4</sub>	40.0
5S	1E	<del>#</del> 20	SW <sup>1</sup> / <sub>4</sub> NW <sup>1</sup> / <sub>4</sub>	40.0
			Total	<del>165.0</del> 173.3

(If more space required, attach separate sheet)

Character of soil ALOHA  
Kind of crops raised Pasture - Grain

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, \$ 14,000.....
- 15. Construction work will begin on or before Has begun.....
- 16. Construction work will be completed on or before Oct. 1, 74.....
- 17. The water will be completely applied to the proposed use on or before Oct. 1, 75.....

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. \_\_\_\_\_

Hessel Bierma  
(Signature of applicant)

Remarks: \_\_\_\_\_  
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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 2.03 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 1/80 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 2 1/2 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 25, 1973

Actual construction work shall begin on or before June 22, 1974 and shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1974

Complete application of the water to the proposed use shall be made on or before October 1, 1975

WITNESS my hand this 22nd day of June, 1973

STATE ENGINEER

Application No. G-6144  
Permit No. G-5164

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 12th day of June,  
1973, at 2:55 o'clock P. M.

Returned to applicant:

Approved:

June 22, 1973

Recorded in book No. \_\_\_\_\_ of  
G 5164  
Ground Water Permits on page

CHRIS L. WHEELER

STATE ENGINEER

Drainage Basin No. \_\_\_\_\_ page \_\_\_\_\_

# 3420