

Permit No. U-243

APPLICATION FOR A PERMIT

To appropriate the Underground Waters of the State of Oregon

I, L. L. Porterfield and Delila P. Porterfield (Name of applicant) of Dairy, (Postoffice), county of Klamath, state of Oregon, do hereby make application for a permit to appropriate the following described underground waters of the state of Oregon, SUBJECT TO EXISTING RIGHTS:

If the applicant is a corporation, give date and place of incorporation Not Applicable.

1. Give name of nearest stream to which the well, tunnel or other source of water development is situated Buck Creek (Name of stream) tributary of Lost River,

2. The amount of water which the applicant intends to apply to beneficial use is 12 cubic feet per second.

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

4. The place where the water is to be pumped or developed is located Well #1, in T. 38, S., R. 11 1/2 W. M. north 76 degrees, 50 minutes west, 2,044.3 feet from Southeast corner of northeast quarter of Section 32, (Iron axle set); well #2, in Sec. 5, T. 39 S., R. 11 1/2 E. W.M., north 45 degrees east, 1,065 feet, from the southwest corner of the northwest quarter of said Section (Marked with 1" iron bolt with nut set); well #3 in Section 32 of T. 38 S., R. 11 1/2 E. W. M., 1,240 feet north and 3,200 feet west of southeast corner of northeast quarter of said Section (Iron axle set). #1, being within the SW 1/4 of NE 1/4 of Sec. 32, Twp. 38 S., R. 11 1/2 E., W. M., in the county of #2 being within SW 1/4 of NW 1/4 of Sec. 5, T. 39 S., R. 11 1/2 E. W.M. and #3 in SE 1/4 of NW 1/4 of Sec. 32, T. 38 S., R. 11 1/2 E. W. M. all in Klamath Co. Ore.

5. The Ditches (Canal or pipe line) to be 3 1/4 (about) miles in length, terminating in the SE 1/4 of NE 1/4 Sec. 32 and in SE 1/4 NE 1/4 of Sec. 31, Twp. 38 S., and in SE of SE S. 32, same T. & R. and in SW 1/4 of NW of S. 5, T. 39 S., R. 11 1/2 E., W. M. R. 11 1/2 E., W. M., the proposed location being shown throughout on the accompanying map.

6. The name of the well or other works is: names are Well #1, #2 and #3 (Porterfield Wells)

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.

Not Applicable.

8. The development will consist of three wells (Give number of wells, tunnels, etc.) having a diameter of 16 inches each and an estimated depth of abt. 200 feet each.

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) ..... 6 to 7 ..... feet; width on bottom ..... 4 (four) ..... feet; depth of water .....  $2\frac{1}{2}$  ..... feet; grade ..... 6" to 8" ..... feet fall per one thousand feet, about  $1\frac{1}{16}$  to  $1\frac{3}{8}$  inches per one thousand feet.

These ditches will be about the same throughout - laterals will be smaller.

(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, no applicable 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 ..... Each well will have turbine pumps with 14 inch bowls with ten inch discharge pipes;

Give capacity and type of motor or engine to be used On wells #s 1 and 2 fifty h.p. electric motors will be used, and #3 a 40 h.p. electric 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 be 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 ..... Not applicable.

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

Township	Range	Section	Forty-acre Tract	Number Acres to Be Irrigated
From Wells #s 1 and 3. and 2.				
Thirty-eight (38)	11 $\frac{1}{2}$	32	SE $\frac{1}{4}$ of NE $\frac{1}{4}$	36. Acres.
" "	"	"	SW $\frac{1}{4}$ of NE $\frac{1}{4}$	36.
" "	"	"	SE $\frac{1}{4}$ of NW $\frac{1}{4}$	36.
" "	"	"	SW $\frac{1}{4}$ of NW $\frac{1}{4}$	33.8
" "	"	31	SE $\frac{1}{4}$ of NE $\frac{1}{4}$	15.5
" "	"	"	NE $\frac{1}{4}$ of SE $\frac{1}{4}$	40.
" "	"	32	NW $\frac{1}{4}$ of SW $\frac{1}{4}$	40.
" "	"	"	NE $\frac{1}{4}$ of SW $\frac{1}{4}$	40.
" "	"	"	NW $\frac{1}{4}$ of SE $\frac{1}{4}$	40.
" "	"	"	NE $\frac{1}{4}$ of SE $\frac{1}{4}$	40.
" "	"	"	SE $\frac{1}{4}$ of SE $\frac{1}{4}$ (by #2 Well)	24.4
" "	"	"	SW $\frac{1}{4}$ of SE $\frac{1}{4}$	38.5
" "	"	"	SE $\frac{1}{4}$ of SW $\frac{1}{4}$	40.
" "	"	"	SW $\frac{1}{4}$ of SW $\frac{1}{4}$	40.
Township 39 - -	"	5	NW $\frac{1}{4}$ of NE $\frac{1}{4}$	23.8
" "	"	"	NE $\frac{1}{4}$ of NW $\frac{1}{4}$	27.
" "	"	"	NW $\frac{1}{4}$ of NW $\frac{1}{4}$	40.
" "	"	"	SW $\frac{1}{4}$ of NW $\frac{1}{4}$	17.4
			Total	608.4

(If more space required, attach separate sheet)

(a) Character of soil ..... Sandy Loam.

(b) Kind of crops raised ..... grains, hay crops, alfalfa, clover, potatoes, onions, flax, and pasturage.

MUNICIPAL SUPPLY—

13. (a) To supply the city of ..... Not applicable.

..... county, having a present population of ..... and an estimated population of ..... in 19.....

- 14. Estimated cost of proposed works, \$17,000.00.....
- 15. Construction work will begin on or before ..... May 1, 1948.....
- 16. Construction work will be completed on or before ..... May 1st, 1951.....
- 17. The water will be completely applied to the proposed use on or before ..... May 1, 1951.....

(Sgd) L. L. Porterfield and  
 Delila P. Porterfield (Signature of applicant)

BY L. L. Porterfield

Remarks: Wells are located on what is locally known as Pine Flat, west of Dairy, Oregon. There is a heavy ridge between this location and Yonna Valley where other wells are located, and this is the first try for water on Pine Flat, so far as is known to me.

It is noted that the engineers indicated flow of water from Well #2, is not properly shown- the flow will be from the well in Sec. 5 toward Sec. 6, instead of the way the engineer has indicated it. This is shown on the SW $\frac{1}{4}$  of NW $\frac{1}{4}$  of Section 5, in Township 39, South of Range 11 $\frac{1}{2}$  E. W. M. on the engineer's map.

(Sgd) L. L. Porterfield

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 ....., 194.....

WITNESS my hand this ..... day of ....., 194.....

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 7.61 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 three 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. Wells shall be so cased as to prevent the loss of underground water.

The priority date of this permit is April 13, 1948

Actual construction work shall begin on or before July 30, 1949 and shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1950  
Extended to Oct. 1, 1953

Complete application of the water to the proposed use shall be made on or before October 1, 1951  
Extended to Oct. 1, 1953

WITNESS my hand this 30th day of July, 1948

CHAS. E. STRICKLIN

STATE ENGINEER

Application No. U-271  
Permit No. U-243

PERMIT

TO APPROPRIATE THE UNDERGROUND WATERS OF THE STATE OF OREGON

This instrument was first received in the office of the State Engineer at Salem, Oregon, on the 13th day of April 1948, at 8:00 o'clock A. M.

Returned to applicant:

Corrected application received:

Approved:

July 30, 1948

Recorded in book No. 1 of

Permits on page U-243

CHAS. E. STRICKLIN

STATE ENGINEER

Drainage Basin No. 14 Page 16 A

Fees Paid \$50.92