

APPLICATION FOR A PERMIT

To appropriate the Underground Waters of the State of Oregon

I, Mario Marengo of Box F, Williams county of Colusa state of California, 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

1. Give name of nearest stream to which the well, tunnel or other source of water development is situated Anderson Creek tributary of Swan Lake

2. The amount of water which the applicant intends to apply to beneficial use is 4.50 cubic feet per second.

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

4. The well or other source is located Well #1 is S 58° 36 1/2' W 2174.8 Feet from the NE Corner of Section 18, T. 37 S., R. 10 E., W. M.

being within the NW 1/4 - NE 1/4 of Sec. 18, Twp. 37 S., R. 10 E., W. M., in the county of Klamath

5. The Canal or Ditch to be two miles in length, terminating in the NE 1/4 - NE 1/4 of Sec. 18 and NE 1/4 of Sec. 19, Twp. 37 S., R. 10 E., W. M., the proposed location being shown throughout on the accompanying map.

6. The name of the well or other works is Marengo 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 one, possibly two, wells having a diameter of 14 inches and an estimated depth of 300 feet.

U- 585

CANAL SYSTEM ON PAPER

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) 6.25 feet; width on bottom 2.50 feet; depth of water 1.25 feet; grade 0.5 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: Probably 12" deep well turbines

Give horsepower and type of motor or engine to be used 75 H.P. electric motors

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 E $\frac{1}{2}$ of Sec. 18 and NE $\frac{1}{4}$ -NE $\frac{1}{4}$ of Sec. 19 all in T.37 S., R.10 E., W.1.

| Township N or S. | Range E. or W. of Willamette Meridian | Section | Forty-acre Tract | Number Acres To Be Irrigated | | | |
|---------------------|---|---------|------------------------------------|------------------------------------|-----------------------|--------------|--------------|
| | | | | Gravity | Relift or Sprinkle | Total | |
| 37 S. | 10 E. | 18 | NE $\frac{1}{4}$ -NE $\frac{1}{4}$ | 32.1 | 8.8 | 40.9 | |
| | | | NW $\frac{1}{4}$ -NE $\frac{1}{4}$ | 11.0 | 26.2 | 37.2 | |
| | | | SW $\frac{1}{4}$ -NE $\frac{1}{4}$ | 16.3 | 24.5 | 40.8 | |
| | | | SE $\frac{1}{4}$ -NE $\frac{1}{4}$ | 40.8 | - | 40.8 | |
| | | | NE $\frac{1}{4}$ -SE $\frac{1}{4}$ | 40.7 | - | 40.7 | |
| | | | NW $\frac{1}{4}$ -SE $\frac{1}{4}$ | 11.0 | 29.6 | 40.6 | |
| | | | SW $\frac{1}{4}$ -SE $\frac{1}{4}$ | 0.7 | 39.3 | 40.0 | |
| | | | SE $\frac{1}{4}$ -SE $\frac{1}{4}$ | 32.7 | 7.8 | 40.5 | |
| | | | 19 | NE $\frac{1}{4}$ -NE $\frac{1}{4}$ | 36.8 | 1.7 | 38.5 |
| | | | | | | <u>222.1</u> | <u>137.9</u> |

(If more space required, attach separate sheet)

(a) Character of soil sandy, clay loam

(b) Kind of crops raised cereals, pasture grasses, and row crops

MUNICIPAL SERVICE

(2) (a) To supply water to _____
_____ having a present population of _____
and an estimated population of _____ in 19_____

- 14. Estimated cost of proposed works, \$ 5000 _____
- 15. Construction work will begin on or before October 1, 1954 _____
- 16. Construction work will be completed on or before October 1, 1954 _____
- 17. The water will be completely applied to the proposed use on or before October 1, 1959 _____

x Mauro Marengo
(Signature of applicant)

Remarks: There is no possible supply of irrigation water for this area excepting from wells. However the land, when cleared and irrigated, will produce crops which will justify the cost of pumping from wells.

The reservoir shown on the map accompanying this application consists of a small levee enclosing the area shown to create a combination stock watering pond and diversion works for the ditches running northerly and southerly from well #1. The levee or embankment surrounding the reservoir shall have a height of not to exceed five feet with an eight foot top and thirty foot base. The reservoir will have a storage capacity of approximately 0.5 acre-feet.

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

STATE OF OREGON

PERMIT

County of Marion,

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 1.50 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 Marango Well No. 1

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 3 acre feet per acre for each acre irrigated during the irrigation season of each year; this permit is issued subject to the terms and conditions of an Agreement recorded on Pages 705-706, Volume 3, Miscellaneous Records of the State Engineer and by reference made a part hereof,

and shall be subject to such reasonable rotation system as may be ordered by the proper state officer.

The well shall be so cased as to prevent the loss of underground water.

The priority date of this permit is May 28, 1952

Actual construction work shall begin on or before March 12, 1955 and shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1955

Complete application of the water to the proposed use shall be made on or before October 1, 1956

WITNESS my hand this 12th day of March, 19 54

Chas. E. Stricklin
STATE ENGINEER

Application No. U-501

Permit No. U-585

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 20th day of May, 1952, at 1:00 o'clock P. M.

Returned to applicant:

Approved:

March 12, 1954

Recorded in book No. U-585 of

Permits on page

CHAS. E. STRICKLIN

STATE ENGINEER

Chas. E. Stricklin

State Printer 9431