

RECEIVED  
DEC 27 1971

STATE ENGINEER  
SALEM OREGON

G 5504

Permit No. G- 4822

APPLICATION FOR A PERMIT

47112

# To Appropriate the Ground Waters of the State of Oregon

I, RONALD E. METTEER & E. O. BORTHWICK  
(Name of applicant) S  
of P.O. Box 146 ANTELOPE, OREGON 97001, county of WASCO  
(Postoffice Address)

state of OREGON, 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

NONE

1. Give name of nearest stream to which the well, tunnel or other source of water development is situated ANTELOPE CREEK  
(Name of stream)

tributary of TROUT CREEK / DESCHUTES RIVER

2. The amount of water which the applicant intends to apply to beneficial use is 1.00 cubic feet per second or 0.75 gallons per minute.

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

4. The well or other source is located 3300 ft. N and 1400 ft. E from the SW corner of 21  
(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 SE 1/4 NW 1/4 of Sec. 21, Twp. 8S, R. 16E, W. M., in the county of WASCO

5. The PIPELINE to be 3200 FEET miles in length, terminating in the NW 1/4 SE 1/4 of Sec. 21, Twp. 8S, R. 16E, 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 WELL NO. 4

## 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 1 WELL having a diameter of 10 inches and an estimated depth of 248 feet. It is estimated that 39 feet of the well will require STEEL casing. Depth to water table is estimated 230  
(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) NO CANAL 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, 3200 ft.; size at intake 10 in.; in size at 450 ft. from intake 10 in.; size at place of use 8 in.; difference in elevation between intake and place of use, 115 ft. Is grade uniform? YES Estimated capacity, 1000 GPM sec. ft.

10. If pumps are to be used, give size and type 150 HP ELECTRIC MOTOR & TURBINE PUMP

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

Approximately 20 Feet From Antelope Creek with a difference in Elevation of approx 8 FEET.

12. Location of area to be irrigated, or place of use SEC. 21, T8S, R16E

Township N. or S.	Range E. or W. of Willamette Meridian	Section	Forty-acre Tract	Number Acres To Be Irrigated
8S	16E	21	NE 1/4 SW 1/4	40
8S	16E	21	SW 1/4 SE 1/4	20
8S	16E	21	SE 1/4 SE 1/4	20

(If more space required, attach separate sheet)

Character of soil SILT LOAM  
 Kind of crops raised HAY & PASTURE

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, \$ 38,000
- 15. Construction work will begin on or before STARTED
- 16. Construction work will be completed on or before COMPLETED
- 17. The water will be completely applied to the proposed use on or before July 1, 1972

Ltr. dated  
8-3-72  
JES

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. \_\_\_\_\_

*Ronald E. Miller*  
*E. O. Barthwick*  
(Signature of applicant)

Remarks: \_\_\_\_\_

~~1 D NW 1/4 - SE 1/4 NE 1/4 - SE 1/4~~  
~~SECTION 21, T. 35S, R. 16E, W.M.~~

Ltr. dated  
8-3-72  
JES

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 \_\_\_\_\_ correction and completion \_\_\_\_\_

In order to retain its priority, this application must be returned to the State Engineer, with corrections on or before April 25th, 1972.

WITNESS my hand this 25th day of February, 1972.

**RECEIVED**  
MAR 9 1972  
STATE ENGINEER  
SALEM

CHRIS L. WHEELER  
STATE ENGINEER

*Thomas E. Shook*  
By  
Thomas E. Shook

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 1.0 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 Well #4

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;

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 December 27, 1971

Actual construction work shall begin on or before March 21, 1976 and shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1976

Complete application of the water to the proposed use shall be made on or before October 1, 1977

WITNESS my hand this 21st day of March, 1975.

*Chris L. Wheeler*  
STATE ENGINEER

Application No. G-5695  
Permit No. G-5504  
**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 21th day of December  
1971, at 11:45 o'clock A. M.

Returned to applicant:  
  
Approved:  
March 21, 1975

Recorded in book No. \_\_\_\_\_ of \_\_\_\_\_  
Ground Water Permits on page G 5504  
CHRIS L. WHEELER  
STATE ENGINEER  
Drainage Basin No. 5 page 47

17150