

Permit No. G-4822

APPLICATION FOR A PERMIT

To appropriate the Ground Waters of the State of Oregon

I, E. C. Borthwick (Name of applicant) of Antelope, Oregon (Postoffice Address), county of Wasco, state of Oregon 97001, 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

2. The amount of water which the applicant intends to apply to beneficial use is cubic feet per second or 1000 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 (N. or S.) and 1400 ft. E. (E. or W.) from the SW corner of 21 (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 (Canal or pipe line) to be 3200 feet miles in length, terminating in the NW 1/4 SE 1/4 (Smallest legal subdivision) of Sec. 21, Twp. 8S, R. 16E, W. M., the proposed location being shown throughout on the accompanying map.

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.

not

8. The development will consist of 1 well (Give number of wells, tunnels, etc.) 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 (Kind) casing. Depth to water table is estimated 230 (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 & 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, T. 8 S., R. 16 E

Table with 5 columns: Township N. or S., Range E. or W. of Willamette Meridian, Section, Forty-acre Tract, Number Acres To Be Irrigated. Rows include tracts 8S 16 E 21 SE 1/4 NE 1/4, NE 1/4 SE 1/4, NW 1/4 SE 1/4, SE 1/4 NW 1/4, NE 1/4 NW 1/4, SW 1/4 NW 1/4, NW 1/4 NW 1/4, totaling 175 acres.

(If more space required, attach separate sheet)

Character of soil silt loam

Kind of crops raised hay and 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 10/1/72

17. The water will be completely applied to the proposed use on or before 10/1/73

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.

E. O. Barthwick
(Signature of applicant)

Remarks:

L. D. NW 1/4 - SE 1/4 NE 1/4 - SE 1/4
Section 21, T. 8 S., R. 16 E., W. M.

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 by submission of the affidavit properly completed.....

In order to retain its priority, this application must be returned to the State Engineer, with corrections on or before November 2nd, 1970...

WITNESS my hand this 31st day of August, 1970.

RECEIVED
SEP 8 1970
STATE ENGINEER
SALEM OREGON

By *Wayne J. Overcash*
Wayne J. Overcash
ASSISTANT

CHRIS L. WHEELER
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 2.23 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 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 April 27, 1970

Actual construction work shall begin on or before January 11, 1972 and shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1972

Complete application of the water to the proposed use shall be made on or before October 1, 1973

WITNESS my hand this 11th day of January, 1971

STATE ENGINEER

Application No. G- 5175
Permit No. G- 4822

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 27 day of April,
1970, at 2:19 o'clock P. M.

Returned to applicant:

Approved:

January 11, 1971

Recorded in book No. _____ of
Ground Water Permits on page G 4822

CHRIS L. WHEELER
STATE ENGINEER

Drainage Basin No. 5 page 76

State Printing

Fees \$41.50