

Permit No. G- 5159

APPLICATION FOR A PERMIT

To Appropriate the Ground Waters of the State of Oregon

I, Department of the Interior, Bureau of Sport Fisheries and Wildlife
(Name of applicant)
of P. O. Box 3737, Portland, Oregon, county of
(Postoffice Address)
state of, 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 Columbia River (Umatilla Lake)
(Name of stream)

tributary of

2. The amount of water which the applicant intends to apply to beneficial use is 6 cubic feet per second or 2700 gallons per minute.

3. The use to which the water is to be applied is Irrigation and wildlife refuge purposes

4. The well or other source is located ft. and ft. from the corner of
(N. or S.) (E. or W.)
(Section or subdivision)

South 52°30' East, 1916 feet from the NW Cor., Sec. 21, T. 5 N., R. 26 E.
(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 NE 1/4 NW 1/4 of Sec. 21, Twp. 5 N., R. 26 E.,
W. M., in the county of Morrow

5. The 14, 12 & 10 inch buried steel pipeline to be 5500 feet
(Canal or pipe line)
in length, terminating in the SE 1/4 NW 1/4, Sec. 21 & SE 1/4 NW 1/4 of Sec. 16 & 21, Twp. 5 N., R. 26 E., 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 Umatilla Well No. 0-1

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.

Water table - non-artesian

8. The development will consist of one well having a diameter of 24 inches and an estimated depth of 90 feet. It is estimated that 90 feet of the well will require steel casing. Depth to water table is estimated 14
(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, 5500 ft.; size at intake, 14 in.; in size at 2640 ft. from intake 12 in.; size at place of use 10 and 12 in.; difference in elevation between intake and place of use, 10 ft. Is grade uniform? yes Estimated capacity, 3 sec. ft.

10. If pumps are to be used, give size and type 20 in. shallow well electric turbine pump

Give horsepower and type of motor or engine to be used 150 HP vertical hollow shaft 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 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 Sections 16 and 21, T. 5 N., R. 26 E.

Township N. or S.	Range E. or W. of Willamette Meridian	Section	Forty-acre Tract	Number Acres To Be Irrigated
5 N	26 E	16	All of the SW1/4	165.16
5 N	26 E	16	S1/2NW1/4 or Lot 3 or Lot 4	74.1 or 32.8 or 41.3
5 N	26 E	16	S1/2NW1/4NW1/4	11.6
5 N	26 E	16	S1/2NE1/4NW1/4	14.4
5 N	26 E	21	All of the NW1/4	163.13
5 N	26 E	21	NE1/4SW1/4	40
5 N	26 E	21	NW1/4SW1/4	40
5 N	26 E	16	W1/2W1/2NE1/4 or Lot 5	15.6
5 N	26 E	16	W1/2W1/2SE1/4 or Lot 8 or Lot 13	24.4 or 12.4 or 12.0
5 N	26 E	21	W1/2W1/2NE1/4 or Lot 6 or Lot 2	22.8 or 12.8 or 10.0
5 N	26 E	21	W1/2W1/2SE1/4 (NW1/4 SE1/4)	14.8

(If more space required, attach separate sheet)

Character of soil Sandy loam

Kind of crops raised Alfalfa, sorghum, wheat, barley

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, \$ 100,000.....

15. Construction work will begin on or before July 1974.....

16. Construction work will be completed on or before July 1975.....

17. The water will be completely applied to the proposed use on or before July 1976.....

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. None.....

John D. Findlay
John D. Findlay (Signature of applicant) Regional Director

Remarks: Applicant plans to construct the proposed well and install three center pivot sprinkler irrigation circles.....

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

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 6.0 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 Umatilla Well # 0-1

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; provided further that the completed well shall not exceed the depth of the alluvial gravels nor appropriate water from an aquifer below that depth.

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 March 1, 1973

Actual construction work shall begin on or before June 4, 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 4th day of June, 1973

Chris L. Wheeler

STATE ENGINEER

Application No. G-6013
Permit No. G-5159

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 1st day of March
1973, at 8:00 o'clock P.M.

Returned to applicant:

Approved:

June 4, 1973

Recorded in book No. of
Ground Water Permits on page G 5159

CHRIS L. WHEELER
STATE ENGINEER

Drainage Basin No. 7 page 71

State Printing

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