

STATE OF OREGON

SUPPLEMENT  
Permit No. G-1890

APPLICATION FOR A PERMIT

# To appropriate the Ground Waters of the State of Oregon

I, W. E. ROATS  
(Name of applicant)

of Parrell Road, Bend, county of Deschutes,  
(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  
Not a corporation

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

2. The amount of water which the applicant intends to apply to beneficial use is 2 cubic feet per second or 897.6 gallons per minute.

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

4. The well or other source is located 270 ft. west and 320 ft. south from the N.E. corner of the NW $\frac{1}{4}$  of Section 17, Twp. 18 South, Range 12 E.W.M., said corner being  
(N. or S.) (E. or W.) (Section or subdivision)  
marked by United States Government survey with an iron stake  
(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 $\frac{1}{4}$  of NE $\frac{1}{4}$  of NW $\frac{1}{4}$  of Sec. 17, Twp. 18 S., R. 12 E., W. M., in the county of Deschutes

5. The pipe lines to be 2 $\frac{1}{2}$  miles  
(Canal or pipe line)  
in length, terminating in several places of Sec. , Twp. ,  
(Smallest legal subdivision)  
R. , W. M., the proposed location being shown throughout on the accompanying map.

6. The name of the well or other works is Roats Well

### 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 well having a  
(Give number of wells, tunnels, etc.)  
diameter of 12 inches and an estimated depth of 350 feet. It is estimated that 350 feet of the well will require steel casing. Depth to water table is estimated 350  
(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, ..... 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 ..... 7½ H.P. Electric Motor & pump for irrigation .....

Give horsepower and type of motor or engine to be used ..... 40 H.P. Electric Motor & Turbine pump for domestic use.....

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 .....

Township N. or S.	Range E. or W. of Willamette Meridian	Section	Forty-acre Tract	Number Acres To Be Irrigated
18 S	12 E	17	NE¼ of NW¼	10
18 S	12 E	17	NW¼ of NE¼	3
18 S	12 E	8	SE¼ of SW¼ SE¼ of SW¼ NE¼ of SW¼ NW¼ of SW¼ SW¼ of SE¼	For Domestic Use
--			SE¼ of SE¼ NE¼ of SE¼ NW¼ of SE¼	
18 S	12 E	17	NE¼ of NW¼ <del>SW¼ of NW¼</del> NW¼ of NE¼ NE¼ of NE¼ SW¼ of NE¼ SE¼ of NE¼	For Domestic Use

(If more space required, attach separate sheet)

Character of soil ..... Light - Pumice.....

Kind of crops raised ..... Grass and Alfalfa.....

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, \$ 30,000.00 .....
- 15. Construction work will begin on or before April 1, 1961 .....
- 16. Construction work will be completed on or before April 1, 1964 .....
- 17. The water will be completely applied to the proposed use on or before April 1, 1964 .....

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. 12 1/2 acres of Arnold Irrigation District .....

*W.E. Roder*  
(Signature of applicant)

Remarks: The principal purpose of this well is to furnish water for domestic use to numerous people in the vicinity of the well but it is impossible at this time to determine just how many and where the point of use will be located, but they will all be within a radius of one mile from the well. The secondary purpose is to provide irrigation for the land as described above. The water for domestic use shall be available for approximately 110 families served under this system, which includes a storage tank at the well with the pumps referred to above in paragraph numbered 10, and the water mains for distribution will be 6 inch lines. The map submitted with this application shows the quarter quarter sections in which the water will be used for domestic purposes and shows the location of the well, storage tank, pump and main line of the distribution system.

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 completion

In order to retain its priority, this application must be returned to the State Engineer, with corrections on or before ~~June 5~~, ~~1961~~  
September 20 1961

WITNESS my hand this 5th day of April, 1961  
20th July 1961

RECEIVED  
STATE ENGINEER  
SALEM, OREGON

LEWIS A. STANLEY  
STATE ENGINEER  
By *Walter N. Perry*  
Walter N. Perry ASSISTANT

STATE OF OREGON,

PERMIT

County of Marion,

ss.

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 0.66 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 Roats well

The use to which this water is to be applied is group domestic and supplemental irrigation; being 0.50 c.f.s. for group domestic and 0.16 c.f.s. for supplemental 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 the right allowed hereunder for the appropriation of water for lands having a valid prior right shall be limited to the amount necessary to make up any deficiency in water available to said lands under said prior right and the amount allowed herein, together with the amount secured under any other right existing for said lands, shall be limited by the duty of water as fixed herein,

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 23, 1961

Actual construction work shall begin on or before September 11, 1962 and shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1962

Complete application of the water to the proposed use shall be made on or before October 1, 1963

WITNESS my hand this 11th day of September, 1961

LEWIS A. STANLEY

STATE ENGINEER

By Max F. Rogers, Deputy

Application No. G-1961

Permit No. G-1890

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 23rd day of March 1961, at 1:00 o'clock P.M.

Returned to applicant:

Approved:

September 11, 1961

Recorded in book No. 7 of

Ground Water Permits on page 1890

LEWIS A. STANLEY

STATE ENGINEER

Drainage Basin No. 5 page 44

State Printing