

assigned Vol. 6 page 1016

Application No. G 8668

Permit No. G 8033

**STATE OF OREGON WATER RESOURCES DEPARTMENT**

**Application for a Permit to Appropriate Ground Water**

RECEIVED  
FEB 27 1978

I, Emil J. Howell and John W. Howell  
(Name of Applicant)

of 910 N.W. 55th Redmond  
(Mailing Address) (City)

State of Oregon, 97756 Phone No. 548-4837 do hereby  
(Zip Code)

make application for a permit to appropriate the following described ground waters of the State of Oregon:

1. The development will consist of One well  
(Give number of wells, tile lines, infiltration galleries, etc.)

having a diameter of 8" and an estimated depth of 380 feet.

2. The well or other source is to be located 2480 ft. South and 840 ft. East  
(N. or S.) (E. or W.)

from the Northwest corner of Section 29, Township 15, South, Range 13 East,  
(Public Land Survey Corner)

Willamette Meridian, Deschutes County, Oregon  
(If there is more than one well, each must be described)

being within the SW  $\frac{1}{4}$  of the NW  $\frac{1}{4}$  of

Sec. 29 Tp. 15S R. 13E, W. M., in the county of Deschutes

3. Location of area to be irrigated, or place of use if use other than irrigation.

Township	Range	Section	List $\frac{1}{4}$ $\frac{1}{4}$ of Section	List use and/or number of acres to be irrigated
15 S	13 E	29	SW $\frac{1}{4}$ of the NW $\frac{1}{4}$ , Portion of NW $\frac{1}{4}$ of NW $\frac{1}{4}$ & Portion of NW $\frac{1}{4}$ of SW $\frac{1}{4}$	Residential supply for 109 1 including 0.2 acres of irrig per lot and fire protection
15 S	13 E	30	Portion of NE $\frac{1}{4}$ of SE $\frac{1}{4}$	Residential supply for 9 lots including 0.2 acre of irrigat per lot and fire protection.

4. It is estimated that 380 feet of the well will require 8-inch metal casing.  
(Kind)

5. Depth to water table is estimated 250 Well drilled by Crawford Drilling Co.  
(Feet)

6. The amount of water which the applicant intends to apply to beneficial use is ....0.56..... cubic feet per second or ....250..... gallons per minute.

7. The use to which the water is to be applied is ....118 single Family Dwellings, including..... domestic use, irrigation of 0.2 acres per lot, and fire protection.

8. 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.

N/A

9. If the location of the well, or other development work is less than one-fourth mile from a natural stream channel, give the distance to the channel and the difference in elevation between the stream bed and the ground surface at the source of development.

N/A

10.

#### DESCRIPTION OF WORKS

Include length and dimensions of supply ditch or pipeline, size and type of pump and motor, type of irrigation system to adequately describe the proposed distribution system.

The proposed system includes 2420 linear feet of 8-inch and 5550 linear feet of 6-inch water pipe conforming to the City of Redmond rules and regulations. Although the system will initially be operated by the Home Owner's Association, it is anticipated that the City of Redmond will assume operation and maintenance responsibility in the future. Approximately 3600 linear feet of one-inch pipe will extend from the main pipelines to the property line to provide individual water service to each lot. The well pump will be selected after identification of the water aquifer. It is anticipated that an 6-inch submersible pump with a 30 HP motor will be required to provide 250 gallons per minute flows. The well will discharge to a 50,000 gallon storage reservoir, and will be controlled by float switches in the tank. System pressures for domestic purposes will be supplied by a 150 gallon per minute booster pump, and during high system demands by the well directly.

11. Construction work will begin on or before .... March 1, 1978 .....

12. Construction work will be completed on or before .... May 15, 1978 .....

13. The water will be completely applied to the proposed use on or before .... April 30, 1983 .....

14. If the ground water supply is supplemental to an existing supply, identify the supply and existing water right. .... N/A .....

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Remarks: Residential houses will be constructed on the lots over the next 4 to 5 years. It is anticipated that landscaping and outside irrigation systems will be installed immediately following construction of the residential structure. Fire protection will be provided on the site in conformance with rural fire district policy. The above described water system will provide 400 gpm in accordance with normal fire protection requirements.

*Chris Woodall*  
Signature of Applicant  
*Frank J. Howell*

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 Water Resources Director with corrections on or before....., 19.....

WITNESS my hand this..... day of....., 19.....

Water Resources Director

By *Ken James*

**RECEIVED**  
APR 5 1978  
WATER RESOURCES DEPT.  
SALEM, OREGON

This instrument was first received in the office of the Water Resources Director at Salem, Oregon, on the

*27<sup>th</sup>* day of *FEBRUARY*, 19 *78*, at *11:00* o'clock  
*A.M.*

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### Permit to Appropriate the Public Waters of the State of Oregon

This is to certify that I have examined the foregoing application and do hereby grant the same, SUBJECT TO EXISTING RIGHTS INCLUDING THE EXISTING MINIMUM FLOW POLICIES ESTABLISHED BY THE WATER POLICY REVIEW BOARD 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 0.56 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.

3  
2  
1  
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8  
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6  
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0

The use to which this water is to be applied is irrigation, domestic use for 118 families, and fire protection; being 0.3 c.f.s. for irrigation, 0.25 c.f.s. for domestic use, and 0.01 c.f.s. for fire protection.

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 shall be subject to such reasonable rotation system as may be ordered by the proper state officer. The well shall be constructed in accordance with the General Standards for the Construction and Maintenance of Water Wells in Oregon. 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 February 27, 1978

Actual construction work shall begin on or before May 11, 1979 and shall

thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1979

Extended to Oct. 1, 1982 Extended to Oct. 1985 Extended to October 1, 1988 Extended to October 1, 1991, 10-1-93, 10-1-98

Complete application of the water to the proposed use shall be made on or before October 1, 1980

Extended to Oct. 1, 1982 Extended to UCL 10-1-85 Extended to October 1, 1988 Extended to October 1, 1991, 10-1-93, 10-1-98

WITNESS my hand this 11th day of May, 19 78

BCPS

*James E. Quinn*  
Water Resources Director