

Application No. G-8107

Permit No. G 7489

RECEIVED STATE OF OREGON WATER RESOURCES DEPARTMENT

MAY - 9 1977 Application for a Permit to Appropriate Ground Water
WATER RESOURCES DEPT SALEM, OREGON

Oregon State University, Columbia Basin Agricultural Research Center, Hermiston Sta (Name of Applicant)

of P. O. Box 105, Hermiston (Mailing Address) (City)

State of Oregon, 97838 (Zip Code) Phone No. 567-6337 do hereby

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

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

having a diameter of 10" and an estimated depth of 875 feet.

2. The well or other source is to be located 848 ft N. and 849 ft W. (N. or S.) (E. or W.)

from the center corner of Section 23 (Public Land Survey Corner)

(If there is more than one well, each must be described)

being within the S. E. 1/4 of the N. W. 1/4 of Sec. 23 Tp. 4 N. R. 28E, W. M., in the county of Umatilla

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

Table with 5 columns: Township, Range, Section, List 1/4 1/4 of Section, List use and/or number of acres to be irrigated. Includes handwritten entries for NW 1/4, SE 1/4 of SW 1/4, SE 1/4 of NE 1/4, and a total of 1558 acres.

4. It is estimated that 232 feet of the well will require 10" Steel casing. (Kind)

5. Depth to water table is estimated 265 Well drilled by Troy Griffin (Feet)

6. The amount of water which the applicant intends to apply to beneficial use is ..... cubic feet per second or 1200 ..... gallons per minute.

7. The use to which the water is to be applied is ..... Irrigation of Experimental Plots .....

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.

Not artesian .....

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.

No natural streambeds within one-fourth mile .....

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.

125 HP Turbine Sprinkler System utilizing Hand Set lines, Wheel lines, .....

Drip System and a small Center Pivot .....

11. Construction work will begin on or before ..... Part of System exists .....

12. Construction work will be completed on or before ..... 8/1/1977 .....

13. The water will be completely applied to the proposed use on or before ..... 8/1/1977 .....

14. If the ground water supply is supplemental to an existing supply, identify the supply and existing water right. Hermiston Irrigation District .....

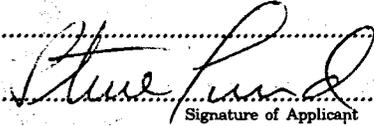
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G 3188

Remarks: This well will be used to supplement water obtained from Water district and will assure a supply of water throughout the entire season.

This assurance is not available with existing system but is essential for successful experimental work.

  
Signature of Applicant

This is to certify that I have examined the foregoing application, together with the accompanying maps and data, and return the same for ~~correction~~

In order to retain its priority, this application must be returned to the Water Resources Director with corrections on or before ~~October 4~~, 19 ~~77~~

WITNESS my hand this ~~4th~~ day of ~~August~~, 19 ~~77~~

Water Resources Director

By .....

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

9 day of May, 19 77, at 8 o'clock  
A. M.

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G 5183

### 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 1.95 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 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; provided further that the right allowed herein shall be limited to any deficiency in the available supply of any prior right existing for the same land and shall not exceed the limitation allowed herein

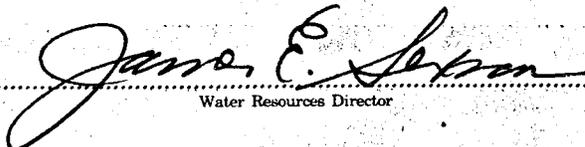
and shall be subject to such reasonable rotation system as may be ordered by the proper state officer.  
The well shall be constructed in accordance with the General Standards for the Construction and Maintenance of Water Wells in Oregon.  
The works constructed shall include an air line and pressure 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 May 9, 1977

Actual construction work shall begin on or before September 14, 1978 and shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1978

Complete application of the water to the proposed use shall be made on or before October 1, 1979

WITNESS my hand this 14th day of September, 19 77

  
Water Resources Director