

Application No. G-9263

Permit No. G 8619

STATE OF OREGON WATER RESOURCES DEPARTMENT
Application for a Permit to Appropriate Ground Water

RECEIVED JUNO 4 1979 WATER RESOURCES DEPT. SALEM, OREGON

I, Merle Carlson (Name of Applicant)

of Route 1, Box 50 (Mailing Address) Boardman (City)

State of Oregon 97818 (Zip Code) Phone No. X 481-4105 (City)

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

- 1. The development will consist of Carlson Sump Wells No. 1 and 2 having a diameter of #1. 8 feet and an estimated depth of #2. 28 feet.
2. The well or other source is to be located #2. 1450 ft. South and 125 ft. West from the NE corner of Section 10.

(If there is more than one well, each must be described) both being within the SE 1/4 of the NE 1/4 of Sec. 10 Tp. 4 North R. 25 East, W. M., in the county of Morrow.

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 a TOTAL row showing 640.0 acres.

4. It is estimated that ... feet of the well will require ... casing.

5. Depth to water table is estimated 6-8 (both) Well drilled by X Ross Machine & Iron Works, Inc. Hermiston, Oregon

6. The amount of water which the applicant intends to apply to beneficial use is $\overset{8}{X}$ cubic feet being X 4 c.f.s. from #1 and X 4 c.f.s. from #2. per second or gallons per minute.

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

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.

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. Well sumps #1 and #2 are approximately 600 feet from the South Shore Line of Messner Pond, a back water of the Columbia River. The difference in elevation between ground level at the well sumps and the water level at Messner Pond is approximately 20 feet.

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.

X #1 is 8' diameter steel vertical cylinder with 2-200hp pumps into 20" pressure pipe to "Well Site #1". #2 is same with 1-350hp pump. 20" pipe connects with a 34" pipeline at "Well Site #1" which runs south 10,560 feet to the SW corner of the NE $\frac{1}{4}$ of NE $\frac{1}{4}$ of Section 22, Township 4 North, Range 25 E.W.M.; from there a 20" pipeline to approximately the center of Section 23; from there 2-12" and 2-10" pipelines serve 4 center pivot circle irrigation systems of 135 acres each. Plan to install fifth center pivot circle system of 28 acres in center of 4 circle cluster and solid sets in corners.

11. Construction work will begin on or before.....Started.....

12. Construction work will be completed on or before X October 1, 1980

13. The water will be completely applied to the proposed use on or before X October 1, 1980

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

Application No. G-9263

Permit No. G 8619

Remarks: The permit desired by the application will be in lieu of my interest in Permit No. G-6876. I do not intend to make proof on my portion of Permit No. G-6876.

See File No. G-7586 for map showing area to be irrigated.

These wells are in close proximity to Messner Pond and may be hydraulically connected to surface water.

X *Joseph J. ...*
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

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

This instrument was first received in the office of the Water Resources Director at Salem, Oregon, on the 4th day of June, 1979, at 8:00 o'clock A.M.

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 8.0 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 Carlson Sump Wells No. 1 & 2; being 4.0 c.f.s. from Sump Well #1 & 4.0 c.f.s. from Sump Well #2.

The use to which this water is to be applied is 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 5 acre feet per acre for each acre irrigated during the irrigation season of each year; and shall be further limited to appropriation of water only to the extent that it does not impair or substantially interfere with existing surface water rights of others,

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 June 4, 1979

Actual construction work shall begin on or before August 31, 1980 and shall

thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1980
Extended to Oct. 1, 1982

Complete application of the water to the proposed use shall be made on or before October 1, 1981
Extended to Oct. 1, 1982

WITNESS my hand this 31st day of August, 1979


Water Resources Director