

STATE ENGINEER
OREGON

Permit No. G-1147

APPLICATION FOR A PERMIT

To appropriate the Ground Waters of the State of Oregon

I, Pendleton Branch Experiment Station of Oregon State College
(Name of applicant)
of Box 378, Pendleton, Oregon, county of Umatilla,
(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

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

2. The amount of water which the applicant intends to apply to beneficial use is _____ cubic feet per second or 35 gallons per minute.

3. The use to which the water is to be applied is See remarks ~~to provide water for three families now living on the Experiment Station; supply water for office needs, laboratories, greenhouses, etc. and provide water for fire protection to buildings at the experiment station headquarters; provide water for irrigating trees, shrubs, lawn etc. used in landscaping around buildings; provide water for irrigating coffee, papaya and other crops used in special research projects.~~

4. The well or other source is located 640 ft. N and 1557 ft. W from the SE corner of Sec. 24 which is within the SW 1/4 of the SE 1/4 Section 24.
(N. or S.) (E. or W.) (Section or subdivision)

(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 boundaries SW SE of Sec. 24, Twp. 3N, R. 33E, W. M., in the county of Umatilla

5. The none to be _____ miles in length, terminating in the _____ of Sec. _____, Twp. _____, R. _____, W. M., the proposed location being shown throughout on the accompanying map.
(Canal or pipe line) (Smallest legal subdivision)

6. The name of the well or other works is Pendleton Branch Experiment Station

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 diameter of 6 inches and an estimated depth of 263 feet. It is estimated that 26 feet of the well will require 6" regular well casing. Depth to water table is estimated 36.
(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) none 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 Byron Jackson vertical turbine pump (water lube) with 80 ft. total setting w/vertical hollow-shaft motor, trash strainer and foot valve. Capacity 36 g. P.M. at 50 pounds surface discharge pressure.

Give horsepower and type of motor or engine to be used 3 H.P. single phase 220 volt

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
3N	33E	24	SW ¹ / ₄ of SE ¹ / ₄ SW ¹ / ₄ of SE ¹ / ₄	3.3 acres
			SE ¹ / ₄ of SE ¹ / ₄	1.8 acres

(If more space required, attach separate sheet)

Character of soil Walla Walla Silt Loam
 Kind of crops raised Cereals and Forage Crops.

the city of _____
county, having a present population of _____
population of _____ in 19_____

- 14. Estimated cost of proposed works, \$ _____
- 15. Construction work will begin on or before March 1, 1929
- 16. Construction work will be completed on or before May 1, 1929
- 17. The water will be completely applied to the proposed use on or before JUNE 1, 1960

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.

M. M. Owen, Superintendent.
(Signature of applicant)

Remarks: Future research may include problems pertaining to irrigation agriculture.
As much as 20 to 30 acres could be irrigated from present well if this type of
research was requested.

- 3. The use of which the water is to be applied is to provide water for irrigation of cereal and forage nursery crops used in special research projects. Also tree plantings for demonstration purposes.

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 correction

In order to retain its priority, this application must be returned to the State Engineer, with corrections on or before Sept. 15, 19 58
January 20, 19 58

WITNESS my hand this 11th day of July, 19 58
20th November

LEWIS A. STANLEY
STATE ENGINEER

NOV EN

By *James W. Carver, Jr.*
James W. Carver, Jr., Assistant
STATE ENGINEER
OREGON

STATE OF OREGON,

PERMIT

County of Marion,

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 0.06 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 Pendleton Branch Experiment Station Well

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;

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 November 3, 1958

Actual construction work shall begin on or before December 30, 1959 and shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1960

Complete application of the water to the proposed use shall be made on or before October 1, 1961

WITNESS my hand this 30th day of December 1958

Lewis A. Stanley

STATE ENGINEER

Application No. G-1037

Permit No. G-1147

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 30th day of December, 1958, at 1:00 o'clock P. M.

Returned to applicant:

Approved:

December 30, 1958

Recorded in book No. 5 of

Ground Water Permits on page 1117

LEWIS A. STANLEY

STATE ENGINEER

Drainage Basin No. 7 page 40