RECEIVED
AUG2 6 1974
STATE ENGINEER
SALEM, OREGON

Permit No. G- G 6205

APPLICATION FOR A PERMIT

CERTIFICATE NO. 46822

To Appropriate the Ground Waters of the State of Oregon

Columbia Basin Research Center

I, ~~Pendleton Experiment Station~~, (Name of applicant) Oregon State University

of P.O. Box 370 Pendleton (Postoffice Address), county of Umatilla,

state of Oregon, 97801, 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* 0.24 *cubic feet per second or* 107 *gallons per minute.*

3. *The use to which the water is to be applied is* Irrigation of 34.5 acres

.....

4. *The well or other source is located* 660 *ft.* N. (N. or S.) *and* 1070 *ft.* E. (E. or W.) *from the* S¼

corner of Section 24 (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 SW¼ SE¼ *of Sec.* 24, *Twp.* 3N, *R.* 33E.

W. M., in the county of Umatilla

5. *The* pipe line (Canal or pipe line) *to be* 2440 ~~miles~~ feet

in length, terminating in the NW¼ SE¼ (Smallest legal subdivision) *of Sec.* 24, *Twp.* 3N,

R. 33E., *W. M., the proposed location being shown throughout on the accompanying map.*

6. *The name of the well or other works is* Pendleton Branch Experiment Station 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 drilled well (Give number of wells, tunnels, etc.) *having a*

diameter of 6 *inches and an estimated depth of* 268 *feet. It is estimated that* ~~260~~ 40

feet of the well will require Steel (Kind) *casing. Depth to water table is estimated* 50 (Feet)

.....

G1—3M

SP*70838-119

G 6205

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, 2440 ft.; size at intake 3 in.; in size at 1960 ft. from intake =3 in.; size at place of use 2 in.; difference in elevation between intake and place of use, +10'± -20 ft. Is grade uniform? yes Estimated capacity, 0.24 sec. ft. ($\frac{5hp \times 6.61}{140'hd} = 0.24 cfs$)

10. If pumps are to be used, give size and type 7½ hp Submersable pumping unit in well & a 5 hp, 3"x2

Give horsepower and type of motor or engine to be used centrifugal pumping unit at land surface

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
3 N.	33 E.	24	NW¼ SE¼	8.0
			SW¼ SE¼	26.5
				34.5

(If more space required, attach separate sheet)

Character of soil Walla Walla Silt Loam

Kind of crops raised Experimental Crops—

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, $.....

15. Construction work will begin on or before Complete

16. Construction work will be completed on or before Complete

17. The water will be completely applied to the proposed use on or before Complete

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. .....

Acting Superintendant

× Charles R. Rohde

(Signature of applicant)

Remarks: See Application G-1037 permit G-1147. This filing to cover over acreage found during the final proof survey

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 .....

In order to retain its priority, this application must be returned to the State Engineer, with corrections on or before ....., *19*.....

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

.....
STATE ENGINEER

By .....
ASSISTANT

G 6205

STATE OF OREGON,)
County of Marion,) ss.

PERMIT

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 0.24 *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 1/80th *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 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 August 26, 1974

Actual construction work shall begin on or before January 12, 1977 *and shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 19*78

*Complete application of the water to the proposed use shall be made on or before October 1, 19*79

WITNESS my hand this 12th *day of* January *19*76

WATER RESOURCES DIRECTOR — STATE ENGINEER

*Application No. G-*6436

Permit No. G- G 6205

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 26th *day of* August, *19*74, *at* 8:00 *o'clock* A *M.*

Returned to applicant:

Approved:

Recorded in book No. ____ *of Ground Water Permits on page* G 6205

STATE ENGINEER

Drainage Basin No. 7 *page* 75