

CERTIFICATE NO. 20048
5417

Permit No. U-324

APPLICATION FOR A PERMIT

To Appropriate the Underground Waters of the State of Oregon

Oregon-Washington Railroad & Navigation Company and its lessee,
I, Union Pacific Railroad Company
(Name of applicant)
of Portland 5
(Postoffice), county of Multnomah,
state of Oregon, do hereby make application for a permit to appropriate the

following described underground waters of the state of Oregon, **SUBJECT TO EXISTING RIGHTS:**

If the applicant is a corporation, give date and place of incorporation O.W.R. & N. Co. in
Oregon, Nov. 23, 1910; U.P.R.R. Co. in Utah July 1, 1897.

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 1.12 cubic feet per second.

3. The use to which the water is to be applied is steam locomotive supply, power plant boiler supply, domestic use, and general railroad use.

4. The place where the water is to be pumped or developed is located Hinkle, Umatilla County, Oregon, 5537.89 feet S. 46° 51' 45" E. from the NW Corner
(Give distance and bearing from section corner)

of Section 27, T. 4N. - R. 28E. Willamette Meridian.

being within the NE 1/4 SE 1/4 of Sec. 27, Twp. 4N, R. 28E, W. M., in the county of Umatilla

5. The pipe line from well to water tanks to be 301 ft. & 3635 ft.
(Canal or pipe line) rides
in length, terminating in the NW 1/4 SE 1/4 & NW 1/4 SW 1/4 of Sec. 27, Twp. 4N, R. 28E, W. M., the proposed location being shown throughout on the accompanying map.

6. The name of the well or other works is Union Pacific Hinkle Well No. 1

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 having a
(Give number of wells, tunnels, etc.)
diameter of 16 inches and an estimated depth of 350 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) 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, 301 & 3635 ft.; size at intake, 8" with 1/4" branch in.; in size at 301 & 3635 ft. from intake 8" and 1/4" in.; size at place of use various in.; difference in elevation between intake and place of use, various ft. Is grade uniform? No Estimated capacity, 1.12 sec. ft.

10. If pumps are to be used, give size and type 500 G.P.M. Deep well turbine

Give capacity and type of motor or engine to be used 50 HP Electric motor

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 be 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
More than 1/4 mile to present channel of Umatilla River. Surface of ground at well 9 1/4 feet above flow line of Umatilla River at its nearest point.

12. Location of ~~well to be irrigated~~ or place of use Hinkle, Umatilla County, Oregon

Township	Range	Section	Forty-acre Tract	Number Acres to Be Irrigated
4 North	28 East	25	SE 1/4 SE 1/4; SW 1/4 SE 1/4; SE 1/4 SW 1/4; SW 1/4 SW 1/4; NW 1/4 SW 1/4	None
4 North	28 East	26	SE 1/4 SE 1/4; SW 1/4 SE 1/4; NE 1/4 SE 1/4; NW 1/4 SE 1/4; SE 1/4 SW 1/4; SW 1/4 SW 1/4; NE 1/4 SW 1/4; NW 1/4 SW 1/4	"
4 North	28 East	27	SE 1/4 SE 1/4; SW 1/4 SE 1/4; NE 1/4 SE 1/4; SE 1/4 SW 1/4; NW 1/4 SE 1/4; SE 1/4 SW 1/4; SW 1/4 SW 1/4; NE 1/4 SW 1/4; NW 1/4 SW 1/4	"
4 North	28 East	28	NE 1/4 SE 1/4; NW 1/4 SE 1/4	"

(If more space required, attach separate sheet)

(a) Character of soil Sandy

(b) Kind of crops raised None

MUNICIPAL SUPPLY—

13. (a) To supply the city of county, having a present population of and an estimated population of in 19.....
(Name of)

- 14. Estimated cost of proposed works, \$ 13,000.00
- 15. Construction work will begin on or before February 1, 1950
- 16. Construction work will be completed on or before July 1, 1951
- 17. The water will be completely applied to the proposed use on or before Dec. 31, 1951

OREGON - WASHINGTON RAILROAD & NAVIGATION COMPANY
 UNION PACIFIC RAILROAD COMPANY

(Signature of applicant)

(Sgd) T B Collins
 General Manager

Signed in the presence of us as witnesses:

- (1) (Sgd) H. W. Lawton 828 Pittock Block, Portland, Ore.
(Name) (Address of witness)
- (2) (Sgd) Sheldon Dolgrove 828 Pittock Block, Portland, Ore.
(Name) (Address of witness)

Remarks:

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 revision

In order to retain its priority, this application must be returned to the State Engineer, with corrections on or before March 13, 1950

WITNESS my hand this 10th day of February, 1950

CHAS. E. STRICKLIN
 STATE ENGINEER

By
 Ed K. Humphrey, Assistant

dh

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 1.12 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 steam locomotive supply, power plant boiler supply and general railroad use

If for irrigation, this appropriation shall be limited to - - - of one cubic foot per second

and shall be subject to such reasonable rotation system as may be ordered by the proper state officer. The well shall be so cased as to prevent loss of underground water.

The priority date of this permit is February 3, 1950

Actual construction work shall begin on or before June 30, 1951 and shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1952

Complete application of the water to the proposed use shall be made on or before October 1, 1953

WITNESS my hand this 30th day of June, 1950

CHAS. E. STRICKLIN
STATE ENGINEER

Application No. U-349
Permit No. U-324

PERMIT

TO APPROPRIATE THE UNDERGROUND WATERS OF THE STATE OF OREGON

Division No. District No.

This instrument was first received in the office of the State Engineer at Salem, Oregon, on the 3rd day of February, 1950, at 1:00 o'clock P.m.

Returned to applicant for correction:

Corrected application received:

Approved: June 30, 1950
Recorded in Book No. 1 of Permit, on page U-324

CHAS. E. STRICKLIN
STATE ENGINEER

STATE PRINTING DEPT.