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Permit No. 1456ABS. No. 1456
CERTIFICATE NO. 2845

APPLICATION FOR A PERMIT TO APPROPRIATE THE PUBLIC WATERS OF THE STATE OF OREGON

I, Deschutes Railroad Company

(Name of Applicant.)

of Portland

(Postoffice)

County of MultnomahState of Oregon

do hereby make application for a permit to appropriate the following described public waters of the State of Oregon, subject to existing rights:

If the applicant is a corporation, give date and place of incorporation

A corporation organized Feby. 2, 1906, under laws of Oregon.

1. The source of the proposed appropriation is

(Name of stream)

Hunt's Springs and creek flowing therefrom2. The amount of water which the applicant intends to apply to beneficial use is Sixty-sixhundredths cubic feet per second.

3. The use to which the water is to be applied is

Irrigation, domestic including

(Irrigation, power, mining, manufacturing,

stock water supply and for railroad purposes, particularly in water tank and thence
domestic supplies, etc.) to railroad engines

4. The point of diversion is located

South 89° 35' east 417 ft. from the quarter

(Give distance and bearing to section corner)

corner on south side of section 32 Tp. 4 S. R. 14 E W M in Oregon.being within the NW $\frac{1}{4}$ of the NE $\frac{1}{4}$

(Give smallest legal subdivision)

of Sec. 5, Tp. 5 S

(No. N. or S.)

R. 14 E

(No. E. or W.)

, W. M., in the county of Wasco, State of Oregon5. The pipe line is

(Main ditch, canal or pipe line)

to be 850 feetmiles inlength, terminating in the NW $\frac{1}{4}$ of the NE

(Smallest legal subdivision)

of Sec. 5, Tp. 5 S

(No. N. or S.)

, R. 14 E

(No. E. or W.)

W. M., the proposed location being shown throughout on the accompanying map.

6. The name of the ditch, canal or other works is

Hunt's Ferry water tank pipe line

DESCRIPTION OF WORKS

Diversion Works—

7. (a) Height of dam 6 feet, length on top 30 feet, length at bottom30feet; material to be used and character of construction Concrete

(Loose rock, concrete,

masonry, rock and brush, timber crib, etc., wasteway over or around dam)

(b) Description of headgate 4 inch pipe line through bottom of concrete dam

(Timber, concrete, etc., number and size of openings)

*A different form of application is provided where an appropriation is to be made by the enlargement of existing works, or where storage works are contemplated. These forms can be secured without charge, together with instructions, by addressing the State Engineer, Salem, Oregon.

Canal System—

8. (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.

4 inch pipe line entire length

FILL IN THE FOLLOWING INFORMATION WHERE THE WATER IS USED FOR:

Irrigation—

9. The land to be irrigated has a total area of 40 acres, located in each smallest legal subdivision, as follows:

The Northwest quarter of the northeast quarter Sec. 5 Twp. 5 S Range 14 E W M

(Give area of land in each smallest legal subdivision which you intend to irrigate)

(If more space required, attach separate sheet)

Power, Mining, Manufacturing, or Transportation Purposes—

10. (a) Total amount of power to be developed.....theoretical horsepower.

(b) Total fall to be utilized.....feet. (Head)

(c) The nature of the works by means of which the power is to be developed.....

(d) Such works to be located in.....of Sec..... (Legal subdivision)

Tp....., R....., W. M. (No. N. or S.) (No. E. or W.)

(e) Is water to be returned to any stream?.....Yes (Yes or No.)

(f) If so, name stream and locate point of return Deschutes River

NW 1/4 NE 1/4, Sec. 5, Tp. 5 S, R. 14 E, W. M. (No. N. or S.) (No. E. or W.)

(g) The use to which power is to be applied is.....

(h) The nature of the mines to be served.....

Municipal Supply—

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

(Answer questions 12, 13, 14, and 15 in all cases)

- 12. Estimated cost of proposed works, \$ 1700.00.....
- 13. Construction work will begin on or before November 1st, 1912.....
- 14. Construction work will be completed on or before November 1st, 1913.....
- 15. The water will be completely applied to the proposed use on or before.....
November 1st, 1913.....

Duplicate maps of the proposed ditch or other works, prepared in accordance with the rules of the Board of Control, accompany this application.

DesChutes Railroad Company

(Name of applicant)

by J D Farrell,

President

Signed in the presence of us as witnesses:

- (1) J W Morrow, 738 Irving St., Portland, Or.
(Name) (Address of witness)
- (2) Ellsworth Benham, 295 Fourteenth St., " "
(Name) (Address of witness)

Remarks: The foregoing application for water is primarily for the purpose of enabling the applicant to secure a supply of water for its water tank, depot and stockyards at a station known as Hunt's Ferry on its line of railroad and for such incidental beneficial uses as may be possible under the circumstances; the water will be taken across the DesChutes river, the system being a gravity system when completed.

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 or completion, as follows:

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.

Application No. 2580

Permit No. 1456

PERMIT TO APPROPRIATE THE PUBLIC WATERS OF THE STATE OF OREGON

Division No. 2 District No.

This instrument was first received in the office of the State Engineer at Salem, Oregon, on the 20 day of Sept. 1912, at 8:30'clock A.M.

Returned to applicant for correction

Corrected application received

Approved Mar 14, 1913

Recorded in Book No. 6 of Permits on Page 1456

John H Lewis

1 map CES PAC 14.00 State Engineer.

STATE OF OREGON, County of Marion } ss.

This is to certify that I have examined the foregoing application and do hereby grant the same, subject to the following limitations and conditions: limited to one-eightieth of one cu. ft. per sec. for each acre irrigated. The use hereunder shall conform to any reasonable rotation system ordered by the proper State officers. The priority date of this permit is Sept. 20, 1912.

The amount of water appropriated shall be limited to the amount which can be applied to beneficial use and not to exceed 0.66 cubic feet per second. rotation.

Actual construction work shall begin on or before March 14, 1914 and shall thereafter be prosecuted with reasonable diligence and be completed on or before March 14, 1915

Complete application of the water to the proposed use shall be made on or before March 14, 1916

WITNESS my hand this 14th day of March, 1913.

John H Lewis State Engineer.