

\*Enlargement Permit No. 220

CERTIFICATE NO. 3389

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

Hermiston Light & Power Company, a corporation

I, (Name of Applicant)

Hermiston

Umatilla

of (Postoffice), County of

Oregon

State of, 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

Filed in office of Secretary of State of Oregon, May 31, 1911

1. The source of the proposed appropriation is Umatilla (Name of stream)

2. The appropriation to be made by the enlargement (or extension) of

Hermiston Light & Power Company's Canal and Power Ditch (Give name or canal or works to be enlarged)

owned by Hermiston Light & Power Company

3. The amount of water which the applicant intends to apply to beneficial use is

50 cubic feet per second, which amount is in addition to the present claimed appropriation.

4. The use to which the water is to be applied is Power (Irrigation, power, mining, manufacturing, domestic supplies, etc.)

Location and Description of Ditch or Works which it is Proposed to Enlarge or Extend

5. (a) The point of diversion from the stream is 1798 - 3 ft N 68 deg. 04 min. E from SW cor. Sec. 16 T 4 N R 28 E.W.M. (Give distance and bearing to section corner)

(b) The headgate is located within the SE 1/4 SW 1/4 (Smallest legal subdivision)

of Sec. 16, Tp. 4 N, R. 28 E, W. M., in the county of Umatilla (No. N. or S.) (No. E. or W.)

(c) Said ditch is 4860 miles in length and terminates in the SW 1/4 NW 1/4 (Ditch, canal or flume)

of Sec. 16, Tp. 4 N, R. 28 E (Smallest legal subdivision)

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

(See tracing and blue prints with Permit No. 189)

(d) The dimensions of said ditch just below the headgate are: Width on top (at water line) 18 feet; width on bottom 12 feet; depth of water 2 feet; grade .3 feet fall per 1000 feet, having a maximum safe capacity of 30 cubic feet per second.

(e) Said ditch now serves to irrigate the following described land: furnish power for the Hermiston Light & Power Company to supply electric current to the Cities of Hermiston, Umatilla, Stanfield and Echo, in Umatilla County, Oregon, and the amount of power now developed is approximately 121 horse power.

\*A different form of application is provided for new appropriations, and where storage works are contemplated. These forms can be secured without charge, together with instructions, by addressing the State Engineer, Salem, Oregon.

Compared & a

(f) The total area now irrigated from said ditch is \_\_\_\_\_ acres.

(g) The diversion works of said ditch are described as follows: A wooden dam, height 2 ft. length on top 307 - 5 ft., length on bottom 307 - 5 ft.

(If any, give character of dam, height, length on top and bottom; spillway over or around dam)

**Description of Proposed Enlargement—**

6. (a) The diversion dam, after enlargement Will remain unchanged except possible raise in height of dam (Will remain unchanged, or if changed, give height, length, character of material, etc.)

(b) The dimensions of ditch just below the headgate, when enlarged to be: Width on top (at water line) 25 feet; width on bottom 12 feet; depth of water 3 feet; grade .3 feet fall per 1000 feet.

(c) At \_\_\_\_\_ miles from headgate: Width on top (at water line) \_\_\_\_\_ feet; width on bottom \_\_\_\_\_ feet; depth of water \_\_\_\_\_ feet; grade \_\_\_\_\_ feet fall per 1000 feet. (Give further dimensions at points where changed in dimensions)

(d) The ditch or canal as enlarged to be 4860 ft. \_\_\_\_\_ miles in length, terminating in the SW 1/4 NW 1/4 of Sec. 16, Tp. 4 N, R. 28 E, W. M. (Give smallest legal subdivision)

(e) The head of the proposed extension is located same as now located (See maps with Permit No. 189)

(If proposed work is extension of the original ditch or a ditch tapping same, locate by tie to Government corner)

**Fill in the Following Information, where the Water Appropriated is to be Used for:**

**Irrigation—**

7. The land to be irrigated by the proposed extension or enlargement has a total area of \_\_\_\_\_ acres, located in each smallest legal subdivision, as follows:

(Give estimated irrigable acreage in each smallest legal subdivision of land which it is proposed to irrigate)

(If more space required, attach separate sheet)

**Power, Mining, Manufacturing or Transportation Purposes—**

8. (a) Total amount of power to be developed 240 horsepower, including power now developed and to be developed under enlargement  
(b) Total fall to be utilized 21.3 feet. (Head)

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

Samson Water Wheel

located in SW 1/4 NW 1/4, Sec. 16, Tp. 4 N, R. 28 E, W. M. (Legal subdivision)

(d) The use to which the power is to be applied is.....

Electric Power and Light

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

Municipal Supply—

9. To supply the city of.....

.....County, having a present population of..... and an estimated future population of..... in 19.....

10. Estimated cost of the proposed extension or enlargement \$.....

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

12. Construction work will be completed on or before.....

13. The water will be completely applied to a beneficial use on or before.....

Duplicate maps of the original canal or other works, showing also the enlargement or extension, prepared in accordance with the rules of the Board of Control, accompany this application.

Hermiston Light and Power Company

(Name of Applicant)

by James A Ralph, Sec.

Signed in the presence of us as witnesses:

- (1) J T Hinkle, Hermiston, Oregon (Name), (Address of Witness)
(2) J W Ralph, Hermiston, Oregon (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 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.

Compared J.A.

Application No. 3730

Enlargement Permit No. 220

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 19 day of June

19 14, at 1:30 o'clock P M.

Returned to applicant for correction

Corrected application received

Approved

Aug 13 1914

Recorded in Book No. 1 of Enlargements

220

on Page

John H Lewis

PAC McC 1 map

State Engineer

\$30.10

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:

This appropriation shall be limited to the development of 121 theoretical horsepower.

The priority date of this permit is June 18, 1914

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

Actual construction work shall begin on or before Aug 13, 1915

and shall thereafter be prosecuted with reasonable diligence and be completed on or before

June 1, 1917

EXTENDED TO 6/1/18 - 1/21

Complete application of the water to the proposed use shall be made on or before

Oct 1, 1919

1/21

WITNESS my hand this 13th day of August, 19 14

John H Lewis

State Engineer.

State Water