

\*Enlargement Permit No. 224

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

I, B E Kerns & J W Kerns (Name of Applicant)

of Keno (Postoffice), County of Klamath

State 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

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

2. The appropriation to be made by the enlargement (or extension) of Keno Light and Power Plant (Give name or canal or works to be enlarged)

owned by B E & J W Kerns

3. The amount of water which the applicant intends to apply to beneficial use is 550 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 for Irrigation and Manufacturing and lighting (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 N 45° E 56.6 rods S W cor of Sec. 36 Tp 39 S R 7 E (Give distance and bearing to section corner)

(b) The headgate is located within the Lot 1 (Smallest legal subdivision) of Sec. 36, Tp. 39 S, R. 7 E, W. M., in the county of Klamath (No. N. or S.) (No. E. or W.)

(c) Said canal is 300/5280 miles in length and terminates in the Lot 1 (Smallest legal subdivision) of Sec. 36, Tp. 39 S, R. 7 E, W. M., the proposed location being shown throughout on the accompanying map.

(d) The dimensions of said ditch just below the headgate are: Width on top (at water line) 20 feet; width on bottom 12 feet; depth of water 3 feet; grade 2 feet fall per 1000 feet, having a maximum safe capacity of 550 cubic feet per second.

(e) Said ditch now serves to irrigate the following described land: Ditch to be used to furnish water for hydro-electric plant (If not used for irrigation, give purpose for which said ditch is used, extent of power developed, mines served, etc.)

Compared d.c.

\*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.

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

(g) The diversion works of said ditch are described as follows:.....

Log cribs filled with rock will be constructed in the river, length of dam: Bottom

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

**Description of Proposed Enlargement—**

6. (a) The diversion dam, after enlargement..... Will be built as described above.  
(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) 32 feet; width on bottom 24 feet; depth of water 6 feet; grade 2 feet fall per 1000 feet.

(c) At 1/4 miles from headgate: Width on top (at water line) 32 feet; width on bottom 24 feet; depth of water 6 feet; grade 2 feet fall per 1000 feet.  
(Give further dimensions at points where changed in dimensions)

(d) The ditch or canal as enlarged to be 1/4 miles in length, terminating in the Lot 1 of Sec. 36, Tp. 39 S, R. 1 E, W. M.  
(Give smallest legal subdivision)

(e) The head of the proposed extension is located N 45° 56' 5" E of SW cor. of Sec. 36 Tp 39 S R 7 E

(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..... 1500 horsepower.

(b) Total fall to be utilized..... 24 feet.  
(Head)

(c) The nature of the works by means of which the power is to be developed.....  
 Hydro-electric station  
 located in Lot 1, Sec. 36, Tp. 39 S, R. 7 E, W. M.  
 (Legal subdivision)  
 (d) The use to which the power is to be applied is.....  
 Power and lighting - heating  
 (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 \$ 25,000
- 11. Construction work will begin on or before June 1, 1913
- 12. Construction work will be completed on or before June 1, 1916
- 13. The water will be completely applied to a beneficial use on or before June 1, 1918

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

J W Kerns  
 B E Kerns (Name of Applicant)

Signed in the presence of us as witnesses:

- (1) H J Mattoon, Keno, Ore. (Name) (Address of Witness)
- (2) MRS B E Kerns, Keno, Ore. (Name) (Address of Witness)

Remarks: B E Kerns & J W Kerns hereby convey all their rights to the above described note to the Keno Power Co. of Klamath Falls, Ore.

B E Kerns  
 J W Kerns

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:  
 For completion, maps & fees.

In order to retain its priority, this application must be returned to the State Engineer, with corrections, on or before July 11th, 1914

WITNESS my hand this 11th day of June, 1914  
 John H Lewis  
 RWF State Engineer.

Compared L.A.

Application No. 2356

Enlargement Permit No. 224

PERMIT

To appropriate the public waters of the State of Oregon

Division No. 1 District No.

This instrument was first received in the office of the State Engineer at Salem, Oregon,

on the 4 day of June

19 12, at 8:50 o'clock A.M.

Returned to applicant for correction

June 11 1914

Corrected application received

July 10 1914

Approved

Sep 4 1914

Recorded in Book No. 1 of Enlargements

on Page 224

John H Lewis

McC 1 map State Engineer

\$143.00

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 1,500 theoretical horsepower. The priority date of this permit is June 4, 1912

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

Actual construction work shall begin on or before Sep 4, 1915

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

June 1, 1917 6/1/18 - 6/1/19 6/20

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

Oct 1, 1919 10/1/20

WITNESS my hand this 4th day of September, 19 14

John H Lewis

State Engineer.

State Water