

* Reservoir Permit No. R-837

CERTIFICATE NO. 33718

Application for a Permit to Construct a Reservoir and to Store for Beneficial Use the Unappropriated Waters of the State of Oregon

I, Kern Bros. (Name of applicant) of Diamond, Oregon (Post office), County of Harney State of Oregon, do hereby make application for a permit to construct the following described reservoir and to store the unappropriated waters of the State of Oregon, subject to existing rights.

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

1. The name of the proposed reservoir is Kern Bros. Reservoir

2. The name of the stream from which the reservoir is to be filled and the appropriation made is Dry Krumbo tributary of Krumbo

3. The amount of water to be stored is 1,000 acre feet.

4. The use to be made of the impounded water is Irrigation (Irrigation, power, domestic supply, etc.)

5. The location of the proposed reservoir will be in Sec. 32 T.30 S., R.32 E.W.M. (Give sections or townships to be submerged) and Sec. 1 - T.31 S., R.32 E.W.M.

Correction for proof
Item 5 should read
Sec 32, and Sec 33, T.30S, R 32 E.
Sec 1, T.31S, R. 32 1/2 E.
Item 6 should read
SE 1/4 SE 1/4 Sec 32, T.30S, R 32 E.
Mo. 5, 1947 EKN
See letter 3/3/47

stream and give character of material at outlet

how it is to be filled. If through a feed canal, give

6. The dam will be located in SW 1/4 SE 1/4 (Smallest legal subdivision), Sec. 32 Tp. 30 S. (No. N. or S.), R. 32 E. (No. E. or W.), W. M. It will be 34 feet in height,

* A different form of application should be used for the appropriation of stored water to beneficial use. Such forms can be secured without charge, together with instructions, by addressing the State Engineer, Salem, Oregon.

having a length on top of 225 feet; length on bottom 80 feet; width on top 20 feet slope of front or water side 3:1 (Feet horizontal to 1 vertical) slope on back 2:1 (Feet horizontal to 1 vertical); height of dam above water line when full 5.0 feet.

7. The construction of dam, the material of which it is to be built, and method of protection from waves are as follows: Earth fill dam with concrete cut off wall The dam will be protected from wave action by riprap placed by hand on the upstream face.

8. The location of wasteway with dimensions are as follows: A wasteway will be located at each end of the dam. (State whether over or around the dam) The reason for two spillways is that solid rock is encountered about 10' from each end of the dam and one spillway would make too much solid rock exc. Each spillway will be 10' wide on the bottom, slopenext to dam 1:1 next to rock Vert.

9. The location of outlet from the proposed reservoir, with character of construction and dimensions, are as follows: 18" outlet pipe with four cement collars 190' long laid all in exc. (State whether through or around the proposed dam)

10. The area submerged by the proposed reservoir, when full, will be 60 acres, with a maximum depth of water of 29 feet; and approximate mean depth of water 16 feet.

11. The estimated cost of the proposed work is \$ 7,000

12. Construction work will begin on or before Sept 1946

13. Construction work will be completed on or before Jan. 1st 1947

~~Duplicate maps of the proposed reservoir and storage works, prepared in accordance with the rules of the State Water Board, accompany this application.~~

(Sgd) Kern Bros
By Stephen Kern
(Name of applicant)

Signed in the presence of us as witnesses:

(1) M. V. Dodge, Burns, Oreg.
(Name) (Address of witness)

(2) _____, _____
(Name) (Address of witness)

Application No. R-21599.....

Reservoir Permit No. R-837.....

PERMIT

To construct a reservoir and store for
beneficial use the unappropriated
waters of the State of Oregon.

District No.

This instrument was first received
in the office of the State Engineer at
Salem, Oregon, on the 30th day
of April, 1946,
at 1:00 o'clock P. M.

Returned to applicant for correction:

Corrected application received:

Approved:

June 1, 1946

Recorded in Book No. 1 of
Reservoirs, on Page 837

CHAS. E. STRICKLIN

State Engineer

Form 103a-500-7-37

STATE PRINTING DEPT.

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Total fees paid \$10.00