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STATE ENGINEER
SALEM OREGON

ASSIGNED, See Misc. Rec., Vol. 6 Page 1022

* Reservoir Permit No. R 5479

ASSIGNED, See Misc. Rec., Vol. 6 Page 1216

ASSIGNED, See Misc. Rec., Vol. 6 Page 1353
1354

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

I, BOSTON RANCH COMPANY (Name of Applicant)

of P. O. BOX 147, PRINEVILLE, OREGON 97754 (Mailing Address)

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 11 March 1955

Los Angeles, California

1. The name of the proposed reservoir is Peterson Creek Reservoir

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

Peterson Creek

tributary of North Fork of Crooked River

3. The amount of water to be stored is 16.5 + 93.5 Application R-28664 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. 7 tp. 14S, R22E & Sec. 12

(Give sections or townships to be submerged)

Tp. 14S, R. 21E, W.M., in the county of Crook

(a) State whether situated in channel of running stream and give character of material at outlet

Reservoir situated in channel of running stream, bed rock

(b) If not in channel of running stream, state how it is to be filled. If through a feed canal, give name and dimensions

NA

6. The dam will be located in SE $\frac{1}{4}$ SE $\frac{1}{4}$, Sec. 12

(Smallest legal subdivision)

Tp. 14S, R. 21E, W.M. The maximum height will be 23' feet above stream bed or ground

surface on center line of dam. The length on top will be 470' feet; length on

bottom 265' feet; width on top 13' feet; slope on front

or water side 2.3/4:1; slope on back 2.1/4:1; height of dam above water line

(Feet horizontal to 1 vertical)

(Feet horizontal to 1 vertical)

when full 5' feet.

* 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 97310.

7. The construction of dam, the material of which it is to be built, and method of protection from waves are as follows: Rolled earth construction, from native earth, with some rock material; Wave protection from rockier material on upstream face of dam.

8. The location of wasteway with dimensions are as follows: Main spillway around dam at right abutment, 20 foot bottom width, 1 1/2:1 side slopes, vest 5' below top of dam; auxiliary spillway around dam at left abutment, 4 foot bottom width, 8:1 side slopes, vest 3 1/2 feet below top of dam. See drawings.

9. The location of outlet from the proposed reservoir, with character of construction and dimensions, are as follows: Near east end of the embankment at stream-bed level, 12 inch Armco Slide Gate attached to corrugated metal pipe.
(All dams across natural stream channels must be provided with an outlet conduit, of such capacity and location to pass the normal flow of the stream at any time)

10. The area submerged by the proposed reservoir, when full, will be 12.7 acres, with a maximum depth of water of 18' feet; and approximate mean depth of water 11 feet.

11. The estimated cost of the proposed work is \$ Not known; constructed by previous owner

12. Construction work will begin on or before Completed

13. Construction work will be completed on or before Completed

BOSTON RANCH COMPANY
(Signature of applicant)
BY: L. A. Mernick
Vice President

STATE OF OREGON,

ss.

County of Marion,

This is to certify that I have examined the foregoing application, together with the accompanying maps and data, and return the same for

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

By ASSISTANT

Application No. R-46546

Reservoir Permit No. R 5479

PERMIT

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

This instrument was first received in the office of the State Engineer at Salem, Oregon, on the 17th day of November, 1969, at 8:00 o'clock A. M.

Returned to applicant:

Approved:

February 2, 1970

Recorded in Book No. _____ of Reservoirs, on Page R 5479

CHRIS L. WHEELER
State Engineer

Drainage Basin No. 5 page 148

Fees \$20.00