

CERTIFICATE NO. 20604

* Reservoir Permit No. R-990

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

I, Dwight Lockett
(Name of Applicant)

of Huntington
(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 - - -

1. The name of the proposed reservoir is Vane Ranch Reservoir

2. The name of the stream from which the reservoir is to be filled and the appropriation made is Love and Jacobson Canal from Birch Creek

tributary of Snake River

3. The amount of water to be stored is 56.05 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. NE 1/4 of SE 1/4 Sec. 13
(Give sections or townships to be submerged)

Tp. 15 S, R. 14 E, W. M., in the county of Malheur

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

No running stream - heavy clay at outlet

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

Water to be diverted from existing Love and

Jacobson Canal out of Birch Creek

6. The dam will be located in NE 1/4 of SE 1/4, Sec. 13
(Smallest legal subdivision)

Tp. 15 S, R. 14 E, W. M. The maximum height will be 29 feet above stream bed or ground

surface on center line of dam. The length on top will be 851.4 feet; length on

bottom _____ feet; width on top 14 feet; slope of front

or water side 3 to 1; slope on back 2 1/2 to 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.

7. The construction of dam, the material of which it is to be built, and method of protection from waves are as follows: Packed earth only. Situation relative to wind
area minimizes wave action.

8. The location of wasteway with dimensions are as follows: Utilizing natural drain
(State whether over or around the dam)
with fill and concrete spillway gate - located 200 feet from dam.

9. The location of outlet from the proposed reservoir, with character of construction and dimensions, are as follows: 120 feet of 8 inch pipe running through dam with Aruco
(State whether through or around the proposed dam)
Headgate and trash rack at the upper end.

10. The area submerged by the proposed reservoir, when full, will be 6.83 acres,
with a maximum depth of water of 24 feet; and approximate mean depth of water
8 feet.

11. The estimated cost of the proposed work is \$4500.00

12. Construction work will begin on or before September 1, 1949

13. Construction work will be completed on or before September 1, 1951

(Sgd) Dwight Lockett
(Name of applicant) (Dwight Lockett)

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

Remarks: This reservoir to be located on site of previous

smaller reservoir site.

Previous smaller dam of same proposed material failed due to lack of proper spill way facilities.

Spillway for this projected dam has 20% additional capacity than full canal supplying reservoir.

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: The right herein granted is limited to the construction of Vane Ranch Reservoir and the storage of water from Birch Creek to be appropriated under Application No. 24084, Permit No. 18967, for irrigation.

The right hereunder shall be limited to the storage of 56.05 acre feet.

The priority date of this permit is August 17, 1949

Actual construction work shall begin on or before March 15, 1951

and shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1952

WITNESS my hand this 15th day of March, 1950

CHAS. E. STRICKLIN

STATE ENGINEER

O K
F.S.

Application No. R-24019

Reservoir Permit No. R-990

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 August, 1949, at 8:00 o'clock A.M.

Approved:

March 15, 1950

Recorded in Book No. 4 of Reservoirs, on Page R-990

CHAS. E. STRICKLIN

STATE ENGINEER

STATE PRINTING DEPT.

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Paid \$15.00