

* Reservoir Permit No. R 5767

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STATE ENGINEER
SALEM OREGON

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

I, Modoc Orchard Company by Ben Darras
(Name of Applicant)

of P. O. Box 56, Medford, Oregon
(Mailing Address)

State of Oregon 97501, 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 Modoc Reservoir

2. The name of the stream from which the reservoir is to be filled and the appropriation made is Rogue River, tributary of Pacific Ocean.

3. The amount of water to be stored is 1.81 (see remarks "A") acre feet.

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

5. The location of the proposed reservoir will be in Sec. 11
(Give sections or townships to be submerged)
Tp. 36 S., R. 2 W., W.M., in the county of Jackson.

(a) State whether situated in channel of running stream and give character of material at outlet No.

(b) If not in channel of running stream, state how it is to be filled. If through a feed canal, give name and dimensions pumped from Table Rock Ditch using a 6" x 4" centrifugal pump and 30 H.P. electric motor - lift approximately 180 feet.

6. The dam will be located in NE 1/4 NE 1/4, Sec. 11,
(Smallest legal subdivision)
Tp. 36 S., R. 2 W., W.M. The maximum height will be 10 feet above stream bed or ground surface on center line of dam. The length on top will be 230 feet; length on bottom 100 feet; width on top 15 feet; slope on front or water side 2:1 (see item 7); slope on back 2:1; height of dam above water line when full 2.5 feet.
(Feet horizontal to 1 vertical) (Feet horizontal to 1 vertical)

* 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: Earth dam, with all fill material excavated from side hill in storage area. The entire fill to be blanketed with cement grout and bentonite.

8. The location of wasteway with dimensions are as follows: Through SW corner of dam 2.5 feet below top using 6-inch pipe.
(State whether over or around the dam)

9. The location of outlet from the proposed reservoir, with character of construction and dimensions, are as follows: Through bottom of dam at SE corner using a 4.0 inch steel pipe - this pipe then dumps into a concrete storage tank (20,000 gallon capacity) for fire protection.
(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 0.25 acres, with a maximum depth of water of 9.0 (see / remarks B) feet; and approximate mean depth of water 7.25 feet.

11. The estimated cost of the proposed work is \$6,000.00

12. Construction work will begin on or before one year from date of priority.

13. Construction work will be completed on or before October 1, 1972.

Modoc Orchard Company
(Signature of applicant)

By: Ben Martin

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

Remarks: "A" Total storage capacity 1.81 acre feet; being 1.71 acre feet for temperature control and 0.10 acre foot for fire protection. Temperature control water from Modoc Reservoir to be used north of Modoc Road only with balance of area covered by pumping directly from Table Rock Ditch.

Remarks: "B" The maximum depth of 9.0 feet is caused by excavation of storage area below natural ground surface.

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 Modoc Reservoir and storage of water from Rogue River to be appropriated under application No. 47769, permit No. 35777, for temperature control and fire protection being 1.7 af for temperature control and 0.1 af for fire protection

The right hereunder shall be limited to the storage of 1.8 acre feet.

The priority date of this permit is December 7, 1970

Actual construction work shall begin on or before March 30, 1973 and shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1973.

WITNESS my hand this 30th day of March, 1972.

Chris R. Wheeler
STATE ENGINEER

Application No. R 977108

Reservoir Permit No. R 5767

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 7th day of December, 1970 at 1:00 o'clock P.M.

Returned to applicant:

Approved:

March 30, 1972

Recorded in Book No. _____ of

Reservoirs, on Page **R 5767**

CHRIS L. WHEELER
State Engineer

Drainage Basin No. 15 page 60x

Fees \$ 20.00