

"CERTIFICATE NO. 64456"

RECEIVED
APR 17 1974
STATE ENGINEER
SALEM, OREGON

ASSIGNED, See Misc. Res., Vol. 6 Page 153 Palmer No.

*Reservoir Permit No. R 6745

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

I, Jack E. Palmer
(Name of Applicant)

of Rt 1 Box 27 Harper
(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 Palmer No 1

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

3. The amount of water to be stored is 2 1/2 acre feet.

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

5. The location of the proposed reservoir will be in Sec. NE 1/4 SW 1/4 Sec. 19
(Give sections of townships to be submerged)
Tp. 19S, R. 43E, W.M., in the county of Malheur

(a) State whether situated in channel of running stream and give character of material at outlet
Situated at forks of unnamed intermittent stream. Spillway constructed concrete

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

6. The dam will be located in NE 1/4 SW 1/4, Sec. 19,
(Smallest legal subdivision)
Tp. 19S, R. 43E, W.M. The maximum height will be 9.5 feet above stream bed or ground surface on center line of dam. The length on top will be 197 feet; length on bottom 23 feet; width on top 18 to 20 feet; slope on front or water side 3:1; slope on back 1:1; 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.

7. The construction of dam, the material of which it is to be built, and method of protection from waves are as follows: Constructed with clay-silt core with pit run materials of silt and gravel on upstream and downstream slopes.

8. The location of wasteway with dimensions are as follows: Spillway
(State whether over or around the dam)
located on North end of dam 10
hard pan B = 8 T = 20 Depth = 2.5

9. The location of outlet from the proposed reservoir, with character of construction and dimensions, are as follows: None
(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 1 acres, with a maximum depth of water of 7.5 feet; and approximate mean depth of water 2.5 feet.

11. The estimated cost of the proposed work is \$ 5000

12. Construction work will begin on or before Completed

13. Construction work will be completed on or before Completed

X
(Signature of applicant)

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

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

R 6715

Remarks: Note - actual Drainage Area is mostly lands irrigated under the Vale Project and the water is picked up and reused to irrigate by other farmers. Applicant has approximately 25 acres of his own land draining into the pond.

The stock pond was checked shortly after the spring run off and only about 5 inches of water was going through the spillway.

Although specs call for 2:1 slope down stream the additional 10 foot width on top makes up for the existing 1:1 slope.

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 Palmer Reservoir # 1 and storage of water from unnamed stream for stock.

The right hereunder shall be limited to the storage of 2.5 acre feet.

The priority date of this permit is April 17, 1974

Actual construction work shall begin on or before February 2, 1979 and shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1979.

WITNESS my hand this 2nd day of February, 1978.

James E. Selmon
Water Resources Director

RJK 5

Application No. *B-S 1849*
Reservoir Permit No. *R 6745*

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 *April*, 19*74*, at *8:00* o'clock *A*.M.

Returned to applicant:

Approved:

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

State Engineer

Drainage Basin No. *10* page *12F*

Fees _____