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CERTIFICATE NO. 50372

STATE ENGINEER
SALEM, OREGON

* Reservoir Permit No. R 5933

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

I, Morris Arthur
(Name of Applicant)

of Route 1, Box 114, Eagle Point,
(Mailing Address)

State of Oregon 97524, 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 Arthur Reservoir

2. The name of the stream from which the reservoir is to be filled and the appropriation made is Unnamed Stream, ~~Little Butte Branch, and when necessary, Quarter Branch,~~
tributary of ~~Little Butte Creek and~~ Antelope Creek.

3. The amount of water to be stored is 1.60 acre feet.

4. The use to be made of the impounded water is temperature control.
(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. 1 W., W.M., in the county of Jackson.

(a) State whether situated in channel of running stream and give character of material at outlet
Yes -- a natural runoff channel - clay soil.

(b) If not in channel of running stream, state how it is to be filled. If through a feed canal, give name and dimensions Also through existing canal and pipeline of Eagle Point Irrigation District.

6. The dam will be located in SW $\frac{1}{4}$ NW $\frac{1}{4}$, Sec. 11,
(Smallest legal subdivision)
Tp. 36 S., R. 1 W., W.M. The maximum height will be 6.0 feet above stream bed or ground surface on center line of dam. The length on top will be 220 feet; length on bottom 160 feet; width on top 8.0 feet; slope on front or water side 3:1; 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.

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R 5933

7. The construction of dam, the material of which it is to be built, and method of protection from waves are as follows: clay fill - no protection from wave action necessary.

8. The location of wasteway with dimensions are as follows: around south end of dam
(State whether over or around the dam)
being 2.5' in depth, 8' in width, on bottom; and 12' in width on top.

9. The location of outlet from the proposed reservoir, with character of construction and dimensions, are as follows: Through bottom of dam, using a 6.0 inch steel 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)
with control valve on water side.

10. The area submerged by the proposed reservoir, when full, will be 0.65 acres, with a maximum depth of water of 3.5 feet; and approximate mean depth of water 2.5 feet.

11. The estimated cost of the proposed work is \$800.00.

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, 1973.

Meris R. Arthur
(Signature of applicant)

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 completion

In order to retain its priority, this application must be returned to the State Engineer, with corrections on or before February 29, 1972

WITNESS my hand this 30th day of December, 1971.

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JAN 3 1972

STATE ENGINEER
SALEM, OREGON

CHRIS L. WHEELER

STATE ENGINEER

Wayne J. Overcash
Wayne J. Overcash

ASSISTANT

Application No. R 49881

Reservoir Permit No. R 5933

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 2nd day of December, 1971, at 8:00 o'clock A. M.

Returned to applicant:

Approved:

April 24, 1973

Recorded in Book No. _____ of _____

Reservoirs, on Page R 5933

CHRIS L. WHEELER
State Engineer

Drainage Basin No. 16 page 32E

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