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JUL 1 1975

WATER RESOURCES DEPT.
SALEM, OREGON

CERTIFICATE NO. 64638

* Reservoir Permit No. R 6340

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

I, James W. Bassett and David A. Bassett P.E.
(Name of Applicant)

of 433 Wondan Lane and 500 Wondan Lane, Wilderville, Oregon,
(Mailing address) (City)

State of Oregon, 97543, do hereby make application for a permit to construct the
(Zip Code)

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 N.A.

1. The name of the proposed reservoir is not named

2. The name of the stream from which the reservoir is to be ^{initially} filled and the appropriation made is State Creek, (also by Squaw Creek before it dries up; (Mog-
Slate Creek tributary of the Applegate River Supplemental (Summer = Slate Creek) (Mog-act.))

3. The amount of water to be stored is ~ 4 acre feet.

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

5. The location of the proposed reservoir will be in Sec. 9, T. 200
(Give sections or townships to be submerged)
Tp. 37 S., R. 7 W., W.M., in the county of Josephine

(a) State whether situated in channel of running stream and give character of material at outlet
Yes, in Squaw Creek channel, material = valley topsoil and soft shale.

(b) If not in channel of running stream, state how it is to be filled. If through a feed canal, give name and dimensions
After Squaw Creek dries (by Mog of each year), 2" pipeline from Slate Creek with pump is to be used to supply water to reservoir (see map and aerial photo.)

6. The dam will be located in T.L. 200 (S.E. 1/4 of the N.E. 1/4), Sec. 9
(Smallest legal subdivision)
Tp. 37 S., R. 7 W., W.M. The maximum height will be 5 feet above stream bed or ground surface on center line of dam. The length on top will be 100' feet; length on bottom 90' feet; width on top 12' feet; slope on front or water side 2 to 1; slope on back 2 to 1; height of dam above water line when full 1.5 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: Dam formed of native materials and rock after stockpiling "top soil". Face of dam is erosion resistant due to rocks in material. Dam to be well compacted during construction and setting.

8. The location of wasteway with dimensions are as follows: ~~over the dam~~ ^{under the dam} 8' wide x 2 1/2' deep with side slopes of 1 to 1 in undisturbed material around the easterly side of the dam with rock erosion protection.

9. The location of outlet from the proposed reservoir, with character of construction and dimensions, are as follows: at low point (stream channel) = 36" Dia. Culvert. (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) This outlet is nearly twice the capacity of maximum flow at any time. (55, 64, 73 floods, etc.)

10. The area submerged by the proposed reservoir, when full, will be 1.3 acres, with a maximum depth of water of 4 feet; and approximate mean depth of water 3 feet.

11. The estimated cost of the proposed work is \$ 900.

12. Construction work will begin on or before July 1, 1975

13. Construction work will be completed on or before Oct. 30, 1975

X James M. Bassett (Signature of applicant)
X David A. Bassett

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 and completion

In order to retain its priority, this application must be returned to the State Engineer, with corrections on or before October 23, 1975.

WITNESS my hand this 21st. day of August, 1975.

JAMES E. SEXSON Director
By Thomas E. Shook ASSISTANT

Application No. *R 53363*
Reservoir Permit No. **R 6340**

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 *15th* day of *July*, 1975, at *9:30* o'clock *A*. M.

Returned to applicant:

Approved:

Recorded in Book No. _____ of _____ Reservoirs, on Page **R 6340**

State Engineer

Drainage Basin No. *15* page *16* k
Fees *\$ 30* °

R 6340

Mail