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STATE ENGINEER
SALEM OREGON

* Reservoir Permit No. **R 5409**

CERTIFICATE NO. 52350

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

ASSIGNED. See Misc. Rec., Vol. By deed

I, Frank Porfily, Agent - Mainline Ranch
(Name of Applicant)

of Court House - Prineville, Oregon
(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 Mainline No. 3 - Cemetery Creek

2. The name of the stream from which the reservoir is to be filled and the appropriation made is Cemetery Creek

tributary of Crooked River.

3. The amount of water to be stored is 287 Acre ft. 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. 15 and 22
(Give sections or townships to be submerged)

Tp. 17 S., R. 21 E., W.M., in the county of Crook

(a) State whether situated in channel of running stream and give character of material at outlet
Reservoir is in channel of Stream. (Stream dry at present time.)

Material at outlet gravel and roak.

(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 SW 1/4 Sec 15
(Smallest legal subdivision)

Tp. 17 S., R. 21 E., W.M. The maximum height will be 40 feet above stream bed or ground

surface on center line of dam. The length on top will be 205 ft. feet; length on

bottom about 50 ft. feet; width on top 20 ft. feet; slope on front

or water side 3:1; slope on back 2:1; height of dam above water line
(Feet horizontal to 1 vertical) (Feet horizontal to 1 vertical)

when full 4 ft. 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 97310.

SE 54
22
NW 4
NE 4

7. The construction of dam, the material of which it is to be built, and method of protection from waves are as follows: Dam to be built of material from Reservoir site. No protection from waves as reservoir is only about 800 ft. open water.

8. The location of wasteway with dimensions are as follows: Around Dam, on East Side. Width 8 ft. on bottom 1:1 side slopes 2 ft. deep waste with 2 ft. freeboard when wasting. A=20.0 r=1.46 Fall 0.10 ft. per 100 ft. V= 2.60 Q= 52 sf From crosssectional area left by marks from 1964 flood I estimate the total flow at that time approx. 30 sf.

9. The location of outlet from the proposed reservoir, with character of construction and dimensions, are as follows: location in bottom thru dam. 12" steel Pipe 10 gauge. welded joints coated with asphalt. Fall 2 ft. per 100 ft. V= 8.8 Q= 6.90 sf. (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 25 acres, with a maximum depth of water of 36 ft. feet; and approximate mean depth of water 11.4 feet.

11. The estimated cost of the proposed work is \$15,000 owner doing work \$20,000 contract.

12. Construction work will begin on or before April 1969

13. Construction work will be completed on or before April 1970

X Mainline Ranch (Signature of applicant) Frank Pupily (Agent)

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:

About all the water that can be stored will be from snow melt run off. The area is small and creek runs dry in summer. The creek channel will be used to carry the reservoir water down to where the pump will be for the sprinkler system.

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 Mainline No. 3 Reservoir and storage of water from Cemetery Creek to be appropriated under application No. 45538, permit No. 34071 for irrigation and supplemental irrigation and the dam shall be constructed under the supervision of a registered professional engineer

The right hereunder shall be limited to the storage of 287.0 acre feet.

The priority date of this permit is November 15, 1968

Actual construction work shall begin on or before July 17, 1970 and shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1971

WITNESS my hand this 17th day of July, 1969

Charles A. Wheeler

STATE ENGINEER

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Application No. **R-45537**

Reservoir Permit No. **R 5409**

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 November, 1968, at 8:00 o'clock A. M.

Returned to applicant:

Approved:

July 17, 1969

Recorded in Book No. _____ of _____

Reservoirs, on Page **R 5409**

CHRIS L. WHEELER
State Engineer

Drainage Basin No. 5 page 14F

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