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STATE ENGINEER
SALEM OREGON

"CERTIFICATE NO. 72477

* Reservoir Permit No. 7397

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

I, U.S.D.I., Bureau of Land Management
(Name of Applicant)

of P. O. Box 429, Lakeview, Oregon 97630
(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 Big Dobe

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

tributary of Miller Creek

3. The amount of water to be stored is 543.03 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. 34 & 35 - 2 & 3
(Give sections or townships to be submerged)
Tp. 39-40 S., R. 13-14 E., W.M., in the county of Klamath

(a) State whether situated in channel of running stream and give character of material at outlet
Not in channel of running stream

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

6. The dam will be located in SE 1/4, Sec. 34
(Smallest legal subdivision)
Tp. 39 S., R. 13 E., W.M. The maximum height will be 6.4 feet above stream bed or ground surface on center line of dam. The length on top will be 1090 feet; length on bottom 1095 feet; width on top 10 feet; slope on front or water side 3:1; slope on back 2:1; 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.

35
5 1/2 5 1/2
140 5 1/2
2
N 1/2
SW 1/4
3
E 1/2 N

7. The construction of dam, the material of which it is to be built, and method of protection from waves are as follows: Constructed using crawler tractor and scraper from rocky clay loam. Loose riprap on face of dam.

8. The location of wasteway with dimensions are as follows: Widening of natural spillway around north end of dam. Spillway dimensions: 20 ft. bottom width, 5:1 Slope dam side, 2:1 slope bank side, 1.5 feet depth.

9. The location of outlet from the proposed reservoir, with character of construction and dimensions, are as follows: 18" x 50' corrugated metal 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)

10. The area submerged by the proposed reservoir, when full, will be 156.8 acres, with a maximum depth of water of 5 feet; and approximate mean depth of water 2.5 3.4 6 feet. 12/10/68

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

12. Construction work will begin on or before

13. Construction work will be completed on or before existing reservoir

Donald J. Kipp
(Signature of applicant)

District Manager

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 7397

Remarks: Original engineering was performed by the Soil Conservation Service in 1943 with construction by the Civilian Conservation Corp. Engineering for raising the dam was performed by the Soil Conservation Service in 1956 with reconstruction by the Bureau of Land Management in 1957. Several incomplete and inaccurate water filings have been attempted in the ensuing years. The dam filled during the 1964 floods and water marks show depth of water passing over the spillway was less than 0.1 foot in depth.

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 Big Dobe Reservoir and storage of water from an unnamed stream under application 45535, permit No. 43128, for irrigation.

The right hereunder shall be limited to the storage of 543.0 acre feet.

The priority date of this permit is November 15, 1968

Actual construction work shall begin on or before June 29, 1979 and shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1980.

WITNESS my hand this 29th day of June, 1978.

James E. Saxon
Water Resources Director

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Application No. R-45534

Reservoir Permit No. R 7397

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 5:00 o'clock P.M.

Returned to applicant:

Approved:

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

State Engineer

Drainage Basin No. 14 page 1617
Fees \$24.44