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STATE ENGINEER
SALEM, OREGON

Reservoir Permit No. 1908

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

I, Mrs. Nava L. Grohs,
(Name of Applicant)

of Route 1, Box 80, Bonanza,
(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 Grohs

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

tributary of East River and Tule Lake

3. The amount of water to be stored is 882 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. 9 and 16, N:
(Give sections or townships to be submerged)

Tp. 41 S., R. 15 E., W. M., in the county of Klamath

(a) State whether situated in channel of running stream and give character of material at outlet

(b) If not in channel of running stream, state how it is to be filled. If through a feed canal, give name and dimensions Grohs diversion canal which will have a water line width of 10.0 feet, a bottom width of 5.0 feet, a depth of 2.5 feet, a slope of .002, and a capacity of 50 sac. ft.

6. The dam will be located in SE $\frac{1}{4}$ -SW $\frac{1}{4}$, Sec. 9; SW $\frac{1}{4}$ -NE $\frac{1}{4}$ & E $\frac{1}{2}$ -NW $\frac{1}{4}$, Sec. 16,
(Smallest legal subdivision)
Tp. 41 S., R. 15 E., W. M. The maximum height will be 14.0 feet above stream bed or ground surface on center line of dam. The length on top will be 4880 feet; length on bottom 50 feet; width on top 10.0 feet; slope of front or water side 3:1; slope on back 2:1; height of dam above water line when full 3.0 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.

1906

7. The construction of dam, the material of which it is to be built, and method of protection from waves are as follows: compacted earth fill with rock rip-rap.

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8. The location of wasteway with dimensions are as follows: around one end of northern
(State whether over or around the dam)
section of West dam. Width 50 feet. Direct drainage of reservoir
does not exceed one square mile. Depth 2.0 feet. width at water
line 58.0 feet.

9. The location of outlet from the proposed reservoir, with character of construction and dimensions are as follows: two corrugated asbestos bonded and dipped culverts with cast
(State whether through or around the proposed dam)
iron slide gates in wells of same material, through dam. Diam. of culverts
18". One S. 23° 52' E., 2,530.0 feet, and the other S. 30° 42' E., from
North quarter corner of Sec. 16, T. 41 N., R. 15 E., S. 4 N.

10. The area submerged by the proposed reservoir, when full, will be 98.9 acres,
with a maximum depth of water of 11.0 feet; and approximate mean depth of water
8.9 feet.

11. The estimated cost of the proposed work is \$ 7500.00.

12. Construction work will begin on or before Oct. 1st, 1956.

13. Construction work will be completed on or before Oct. 1, 1958.

[Signature]
(Name 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 correction or completion as follows:

..... completion

In order to retain its priority, this application must be returned to the State Engineer, with corrections, on or before October 29, 19 56

WITNESS my hand this 29th day of August, 19 56

by LEWIS A. STANLEY STATE ENGINEER

[Signature]
Chris L. Wheeler, Assistant

Remarks: This reservoir is in the only known site available to the applicant and while the dam is long it is not high and the yardage not excessive. The reservoir can be filled even the driest years and will greatly improve the hay meadows and increase the carrying capacity of the cattle range of the applicant.

[Empty lined area for additional remarks]

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 Grohs Reservoir and the storage of water from Rock Creek to be constructed under Application No. 29204, Permit No. 24406 and Application No. 30214, Permit No. 24408 for 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 882 acre feet.

The priority date of this permit is August 16, 1955

Actual construction work shall begin on or before October 24, 1957

and shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1958

WITNESS my hand this 24th day of October, 1956

Lewis A. Stanley
STATE ENGINEER

Application No. *R. 30213*
Reservoir Permit No. *R. 1906*

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 *16th* day of *August*, 19*55*, at *1:00* o'clock *P.* M.

Approved: _____
.....October 24, 1956.....
Recorded in Book No. *7* of
Reservoirs, on Page *150*

LESLIE A. STALEY
STATE ENGINEER

Drainage Basin No. *14* page *16R*

Fees Paid *22 82*