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STATE ENGINEER
SALEM OREGON

* Reservoir Permit No. 1205 JR 7481

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

I, THE BUREAU OF LAND MANAGEMENT
(Name of Applicant)

of P. O. Box 220 Vale
(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 Helen

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

unnamed

tributary of Antelope Creek

3. The amount of water to be stored is 3.38 acre feet.

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

5. The location of the proposed reservoir will be in Sec. 10
(Give sections or townships to be submerged)

Tp. 24 S., R. 46 E., W.M., in the county of Malheur

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

Not 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 From spring run-off

6. The dam will be located in NW 1/4 Sec 10, Sec. 10,
(Smallest legal subdivision)

Tp. 24 S., R. 46 E., W.M. The maximum height will be 15.9 feet above stream bed or ground

surface on center line of dam. The length on top will be 293.3 feet; length on

bottom Triangular feet; width on top 12.0 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 4.0 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.

7. The construction of dam, the material of which it is to be built, and method of protection from waves are as follows: A keyway will be excavated and filled with the best impervious material taken from a borrow area. The dam will be built in layers not to exceed six inches and compacted with a cat and carryall.

8. The location of wasteway with dimensions are as follows: Around the west end of fill
(State whether over or around the dam)

9. The location of outlet from the proposed reservoir, with character of construction and dimensions, are as follows: None
(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 1.12 acres, with a maximum depth of water of 11.9 feet; and approximate mean depth of water 3.02 feet.

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

12. Construction work will begin on or before One year from date of permit

13. Construction work will be completed on or before Two years from date of permit

Anthony J. Wieland
(Signature of applicant)

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.....

By
STATE ENGINEER
ASSISTANT

R 7481

Remarks:

STATE OF OREGON, }
County of Marion, } ss.

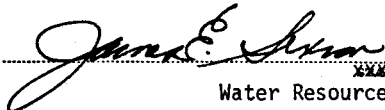
This is to certify that I have examined the foregoing application and do hereby grant the same, subject to the following limitations and conditions: The right herein granted is limited to the construction of Helen Reservoir and storage of water from an unnamed stream for livestock and wild-life, and is subject to the installation and maintenance of an outlet pipe, or to provide other means to evacuate the stored water when determined by the Water Resources Director to be necessary to satisfy prior downstream rights.

The right hereunder shall be limited to the storage of 3.38 acre feet.

The priority date of this permit is November 22, 1968

Actual construction work shall begin on or before July 11, 1979 and shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1980

WITNESS my hand this 11th day of July, 1978


Water Resources Director *GAG*

Application No. R-45604

Reservoir Permit No. R 7481

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 22nd day of November, 1968 at 1:00 o'clock P.M.

Returned to applicant:

Approved:

Recorded in Book No. of

Reservoirs, on Page

State Engineer

Drainage Basin No. 11..... page 225.....

Fees \$ 20⁰⁰.....