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STATE ENGINEER
SALEM, OREGON

Permit No. G-1538

APPLICATION FOR A PERMIT

To appropriate the Ground Waters of the State of Oregon

I, William D. Hess for self and Bond Hess,
(Name of applicant)
of Box 141, Sprague River, Oregon, county of Klamath,
(Postoffice Address)

state of Oregon, do hereby make application for a permit to appropriate the following described ground waters of the state of Oregon, SUBJECT TO EXISTING RIGHTS:

If the applicant is a corporation, give date and place of incorporation

Not applicable

1. Give name of nearest stream to which the well, tunnel or other source of water development is situated Sprague River, tributary of

2. The amount of water which the applicant intends to apply to beneficial use is 2.22 cubic feet per second or 2,220 gallons per minute.

3. The use to which the water is to be applied is Irrigation

4. The well or other source is located 100 ft. north and 100 ft. west from the corner of Section twenty (20) in Township thirty-one (31) North Range 21 East in Klamath County, Oregon.

being within the ... of Sec. ... Twp. ... R. ... W. M., in the county of ...

5. The canal or ditch to be 1.5477 miles in length, terminating in the ... of Sec. ... Twp. ... R. ... W. M., the proposed location being shown throughout on the accompanying map.

6. The name of the well or other works is

DESCRIPTION OF WORKS

7. If the flow to be utilized is artesian, the works to be used for the control and conservation of the supply when not in use must be described.

8. The development will consist of ... having a diameter of 10 inches and an estimated depth of 607 feet. It is estimated that 662 feet of the well will require 1" OD 1/2" steel casing. Depth to water table is estimated 45 feet.

1888
CANAL SYSTEM OR PIPE LINE—

9. (a) Give dimensions at each point of canal where materially changed in size, stating miles from headgate. At headgate: width on top (at water line) about 5 feet; width on bottom four (4) feet; depth of water 3' estimated feet; grade about 1/5 feet fall per one thousand feet. Ditches approximately the same throughout.

(b) At _____ miles from headgate: width on top (at water line) _____ feet; width on bottom _____ feet; depth of water _____ feet; grade _____ feet fall per one thousand feet.

(c) Length of pipe, _____ ft.; size at intake, _____ in.; in size at _____ ft. from intake _____ in.; size at place of use _____ in.; difference in elevation between intake and place of use, _____ ft. Is grade uniform? _____ Estimated capacity, _____ sec. ft.

10. If pumps are to be used, give size and type 16" Layne and Boler pump

Give horsepower and type of motor or engine to be used 100 hp. US motor.

11. If the location of the well, tunnel, or other development work is less than one-fourth mile from a natural stream or stream channel, give the distance to the nearest point on each of such channels and the difference in elevation between the stream bed and the ground surface at the source of development Not applicable.

12. Location of area to be irrigated, or place of use _____

Township N. or S.	Range E. or W. of Willamette Meridian	Section	Forty-acre Tract	Number Acres To Be Irrigated
3 00	11 W.	20		
"	" " "	"		
"	" " "	"		
"	" " "	"		
"	" " "	21 "		30.0
"	" " "	"		20.0
"	" " "	"		20.0
"	" " "	"		30.0
"	" " "	"		20.0
"	" " "	"		20.0
"	" " "	"		20.0
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"	" " "	"		20.0
"	" " "	"		20.0
"	" " "	"		20.0
"	" " "	"		20.0
"	" " "	"		20.0
"	" " "	"		20.0

(If more space required, attach separate sheet)

Character of soil _____

Kind of crops raised _____

WATER SUPPLY

To supply the city of Not applicable.

in _____ county, having a present population of _____
and an estimated population of _____ in 19 _____

ANSWER QUESTIONS 14, 15, 16, 17 AND 18 IN ALL CASES

- 14. Estimated cost of proposed works, \$18,000.00
- 15. Construction work will begin on or before Work already done - 5/1/50.
- 16. Construction work will be completed on or before June 1, 1951 - Already done.
- 17. The water will be completely applied to the proposed use on or before October 1, 1951.

18. If the ground water supply is supplemental to an existing water supply, identify any application for permit, permit, certificate or adjudicated right to appropriate water, made or held by the applicant. This application is supplemental to a surface water application

for 290 acres filed this date and numbered 1111

William D. Hess and _____
By William D. Hess
(Signature of applicant)

Remarks: By this application for water use it is not intended to
waive any prior right of other parties, and all rights, claims,
vested or inchoate, are to be preserved and left intact.

William D. Hess

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

County of Marion

This is to certify that I have examined the foregoing application and do hereby grant the same, SUBJECT TO EXISTING RIGHTS and the following limitations and conditions:

The right herein granted is limited to the amount of water which can be applied to beneficial use and shall not exceed 6.52 cubic feet per second measured at the point of diversion from the well or source of appropriation, or its equivalent in case of rotation with other water users, from Hess well No. 2

The use to which this water is to be applied is irrigation and supplemental irrigation

If for irrigation, this appropriation shall be limited to 1/80th of one cubic foot per second or its equivalent for each acre irrigated and shall be further limited to a diversion of not to exceed 3 acre feet per acre for each acre irrigated during the irrigation season of each year; provided further that the amount of water allowed herein, together with the amount secured under any other right existing for the same lands shall not exceed the limitation allowed herein.

and shall be subject to such reasonable rotation system as may be ordered by the proper state officer.

The well shall be cased as necessary in accordance with good practice and if the flow is artesian the works shall include proper capping and control valve to prevent the waste of ground water.

The works constructed shall include an air line and pressure gauge or an access port for measuring line, adequate to determine water level elevation in the well at all times.

The permittee shall install and maintain a weir, meter, or other suitable measuring device, and shall keep a complete record of the amount of ground water withdrawn.

The priority date of this permit is February 1, 1960

Actual construction work shall begin on or before April 11, 1961 and shall

thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1961

Complete application of the water to the proposed use shall be made on or before October 1, 1961

WITNESS my hand this 11th day of April, 1960

Lewis A. Stanley STATE ENGINEER

Application No. G- 1673
Permit No. G- 1538

PERMIT TO APPROPRIATE THE GROUND WATERS OF THE STATE OF OREGON

This instrument was first received in the office of the State Engineer at Salem, Oregon, on the 1st day of February 1960, at 5:00 o'clock A. M.

Returned to applicant:

Approved: April 11, 1960
Recorded in book No. 6 of 1538
Ground Water Permits on page

LEWIS A. STANLEY STATE ENGINEER

Drainage Basin No. 14 page 33