

CERTIFICATE NO. 20314

Permit No. U-254

APPLICATION FOR A PERMIT

# To Appropriate the Underground Waters of the State of Oregon

I, D. M. Hess, (Name of applicant)  
of Sprague River (Postoffice), county of Klamath,  
state of Oregon, do hereby make application for a permit to appropriate the  
following described underground waters of the state of Oregon, SUBJECT TO EXISTING RIGHTS:

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

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

tributary of Williamson River

2. The amount of water which the applicant intends to apply to beneficial use is 5 cubic feet per second. (800 acre feet per season)

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

4. The place where the water is to be pumped or developed is located one well - S. 53° 17' W. 3,286 feet, and second well - S. 23° 17' W., 1,854 feet from the corner common to (Give distance and bearing from section corner)  
Secs. 7, 8, 17 and 18, T. 36 S., R. 11 E., W. M.

being within the SW $\frac{1}{4}$ NE $\frac{1}{4}$  & SE $\frac{1}{4}$ NE $\frac{1}{4}$  of Sec. 18, Twp. 36 S., R. 11 E., W. M., in the county of Klamath

5. The (Canal or pipe line) to be miles in length, terminating in the (Smallest legal subdivision) 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 Hess wells No. 1 and No. 2

### 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.

Water is artesian and will be shut off with a shut-off valve when not in use.

8. The development will consist of 2 wells (Give number of wells, tunnels, etc.) having a diameter of 12" inches and an estimated depth of 500 feet.

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) ..... feet; width on bottom ..... feet; depth of water ..... feet; grade ..... feet fall per one thousand feet.

(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 ..... For the time being, will use no pump. ....

Give capacity and type of motor or engine to be used .....

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 be 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 .....

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

Township	Range	Section	Forty-acre Tract	Number Acres to Be Irrigated
36 S.	11 E	18	NE $\frac{1}{4}$ NE $\frac{1}{4}$	10.5
"	"	"	SW $\frac{1}{4}$ NE $\frac{1}{4}$	21.0
"	"	"	SE $\frac{1}{4}$ NE $\frac{1}{4}$	12.0
"	"	"	NE $\frac{1}{4}$ NW $\frac{1}{4}$	3.5
"	"	"	NW $\frac{1}{4}$ NW $\frac{1}{4}$	5.93
"	"	"	SW $\frac{1}{4}$ NW $\frac{1}{4}$	23.0
"	"	"	SE $\frac{1}{4}$ NW $\frac{1}{4}$	30.3
"	"	"	NE $\frac{1}{4}$ SW $\frac{1}{4}$	11.0
				117.23
The above is for a total of 117.23 acres for a new water right.				
36 S	11 E.	7	NE $\frac{1}{4}$ SE $\frac{1}{4}$	23
"	"	"	SW $\frac{1}{4}$ SE $\frac{1}{4}$	19
"	"	"	SE $\frac{1}{4}$ SE $\frac{1}{4}$	32
"	"	18	NE $\frac{1}{4}$ NE $\frac{1}{4}$	29.4
"	"	"	NW $\frac{1}{4}$ NE $\frac{1}{4}$	38
"	"	"	SW $\frac{1}{4}$ NE $\frac{1}{4}$	3.4
"	"	"	NE $\frac{1}{4}$ NW $\frac{1}{4}$	30.5
"	"	"	NW $\frac{1}{4}$ NW $\frac{1}{4}$	25
"	"	"	SE $\frac{1}{4}$ NW $\frac{1}{4}$	2.6
				202.9

The above is a total of 202.9 acres for which an auxilliary water right is being asked for the use of well water when the water from Sprague River cannot be obtained.

(a) Character of soil ..... Sandy loam .....

(b) Kind of crops raised ..... Grain, hay, alfalfa, potatoes, etc .....

MUNICIPAL SUPPLY—

13. (a) To supply the city of .....

..... county, having a present population of .....

(Name of)

and an estimated population of ..... in 19.....

- 14. Estimated cost of proposed works, \$ 2,000.00 .....
- 15. Construction work will begin on or before July 1, 1947 .....
- 16. Construction work will be completed on or before July 1, 1950 .....
- 17. The water will be completely applied to the proposed use on or before July 1, 1950 .....

(Sgd) D M Hess.

(Signature of applicant)

Remarks: This application is for a new water right on 117.23 acres.

The balance is for an auxilliary water right on 202.9 acres.

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 ....., 194.....

WITNESS my hand this ..... day of ....., 194.....

STATE ENGINEER

STATE OF OREGON,  
County of Marion,

PERMIT

ss.

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 4.0 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 two wells

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, and shall be further limited to a total diversion of not to exceed 800 acre feet; 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. Wells shall be so cased as to prevent loss of underground water.

The priority date of this permit is September 20, 1948

Actual construction work shall begin on or before January 17, 1950 and shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1950

Complete application of the water to the proposed use shall be made on or before October 1, 1951

WITNESS my hand this 17th day of January, 1949

CHAS. E. STRICKLIN

STATE ENGINEER

Application No. U-244  
Permit No. U-254

PERMIT

TO APPROPRIATE THE UNDERGROUND WATERS OF THE STATE OF OREGON

This instrument was first received in the office of the State Engineer at Salem, Oregon, on the 20th day of September, 1948, at 1:00 o'clock P.M.

Returned to applicant:

Corrected application received:

Approved:

January 17, 1949  
Recorded in book No. 1 of

Permits on page U-254

CHAS. E. STRICKLIN  
STATE ENGINEER

Drainage Basin No. 14 Page 20

Fees Paid \$36.51