

Permit No. U-244

APPLICATION FOR A PERMIT

# To Appropriate the Underground Waters of the State of Oregon

I, F. M. Challis, (Name of applicant)  
of Route 1, Box 145, Bonanza, (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  
Not Applicable.

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

2. The amount of water which the applicant intends to apply to beneficial use is Three (3) cubic  
feet per second.

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 is north 29 degrees no  
minutes east, 1,463.5 feet and 30 feet east of the southwest corner of the southwest  
(Give distance and bearing from section corner)  
quarter of Section 12, in Township 38, South, of Range 11 1/2 E. W.M. in Klamath County,  
Oregon.  
being within the southwest quarter of / of Sec. 12, Twp. 38 S., R. 11 1/2  
E. W. M., in the county of Klamath.

5. The main ditches are (Canal or pipe line) to be 1 and 1/8 miles  
in length, terminating in the NW 1/4 of SW 1/4 of Sec. 12, Twp. 38 S.  
and in SW of SW and in SE of SW, (Smallest legal subdivision)  
R. 11 1/2 E., W. M., the proposed location being shown throughout on the accompanying map.

6. The name of the well or other works is Challis Well No. 1

### 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.

Not Applicable.

8. The development will consist of one well (Give number of wells, tunnels, etc.) having a  
diameter of 12 inches and an estimated depth of 425 feet with 47 foot lift.

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) five (5) feet; width on bottom about three (3) feet; depth of water abt. 1 foot feet; grade 2 and 1/6 inches feet fall per one thousand feet. Ditches to be 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, concrete / 400 ft.; size at intake, 12 in.; in size at 400 ft. from intake 12 in.; size at place of use 12 in.; difference in elevation between intake and place of use, about 2 inches ft. Is grade uniform? Yes Estimated capacity, less than 3 sec. ft.

10. If pumps are to be used, give size and type Turbine 12 inch bowl with 8 inch discharge pipe

Give capacity and type of motor or engine to be used 20 h.p. electric 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 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 Not applicable.

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

Township	Range	Section	Forty-acre Tract	Number Acres to Be Irrigated
<u>38</u> <u>Thirty-eight</u>	<u>11 1/2</u>	<u>12</u>	<u>W 1/2 of NE 1/4 of SW 1/4</u>	<u>20 acres</u>
<u>"</u>	<u>"</u>	<u>"</u>	<u>NW 1/4 of SW 1/4</u>	<u>40 "</u>
<u>"</u>	<u>"</u>	<u>"</u>	<u>SW 1/4 of SW 1/4</u>	<u>40 "</u>
<u>"</u>	<u>"</u>	<u>"</u>	<u>W 1/2 of SE 1/4 of SW 1/4</u>	<u>20 "</u>
			<u>Total</u>	<u>120 acres.</u>

(If more space required, attach separate sheet)

(a) Character of soil sandy soil

(b) Kind of crops raised potatoes, alfalfa and other hay crops, grains, clover and pasture.

MUNICIPAL SUPPLY—

13. (a) To supply the city of not applicable.

(Name of) \_\_\_\_\_ county, having a present population of \_\_\_\_\_ and an estimated population of \_\_\_\_\_ in 19\_\_\_\_\_.

- 14. Estimated cost of proposed works, \$4,400.00.....
- 15. Construction work will begin on or before ..... Pump and ditches already in, but  
will start on concrete pipe on or before May 15, 1948.
- 16. Construction work will be completed on or before May 1, 1949.....
- 17. The water will be completely applied to the proposed use on or before May 1, 1949.....

(Sgd) F. M. Challis  
(Signature of applicant)

Remarks: I had this well drilled in about 1941 or a little later, and did not know until just recently that I needed any permit or water certificate thereon. I have yet to complete the installation of the concrete pipe.

(Sgd) F. M. Challis

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, } ss.

PERMIT

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 1.50 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 a well

The use to which this water is to be applied is 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 subject to such reasonable rotation system as may be ordered by the proper state officer. The well shall be so cased as to prevent loss of underground water.

The priority date of this permit is April 16, 1948

Actual construction work shall begin on or before July 30, 1949 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 30th day of July, 1948

CHAS. E. STRICKLIN

STATE ENGINEER

Application No. U-272  
Permit No. U-244

PERMIT

TO APPROPRIATE THE UNDER-  
GROUND 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 April, 1948, at 8:00 o'clock A. M.

Returned to applicant:

Corrected application received:

Approved:

July 30, 1948

Recorded in book No. 1 of

Permits on page U-244

CHAS. E. STRICKLIN  
STATE ENGINEER

Drainage Basin No. 14 Page 16 A

Fees Paid \$26.50