

Permit No. G-1912

APPLICATION FOR A PERMIT

To appropriate the Ground Waters of the State of Oregon

I, U. S. Forest Service Ochoco National Forest of Prineville, county of Crook 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

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

tributary of Ochoco Creek

2. The amount of water which the applicant intends to apply to beneficial use is 60 cubic feet per second or 60 gallons per minute.

3. The use to which the water is to be applied is Domestic water supply at Ochoco Ranger Station Administrative Site.

4. The well or other source is located 50 ft. N and 2200 ft. E from the Sec. corner of Sections 34, 35, 2 & 3. This is the central of three lateral collecting pipes about 30 ft. apart (See also "Remarks")

being within the SE 1/4 SW 1/4 of Sec. 35, Twp. 13 S, R. 19 E, W. M., in the county of Crook

5. The main pipe line to be 3665 feet in length, terminating in the SW 1/4 NW 1/4 of Sec. 35, Twp. 13 S, R. 19 E, W. M., the proposed location being shown throughout on the accompanying map.

6. The name of the well or other works is Ochoco Ranger Station Water System

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.

The supply field flows into a corrugated metal sump of a 2100 gal. capacity. Pump operates on automatic float switch in storage tank. The sump overflow is conducted into Canyon Creek at a point about 75' from the sump, in the SE 1/4 SW 1/4, Sec. 35, T. 13 S., R. 19 E., W.M.

8. The development will consist of See Remarks having a diameter of inches and an estimated depth of feet. It is estimated that feet of the well will require casing. Depth to water table is estimated

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, 3665 ft.; size at intake, in.; in size at ft. from intake see remarks 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 submersible-min. capacity 40 g.p.m., dynamic head 110 ft.

Give horsepower and type of motor or engine to be used Min. H.P. 2.5 @220 V
40 gallons per minute

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
Collection field 35 ft. from Canyon Creek at closest paralling lateral. The laterals lie 5 ft. below the ground surface & 3 ft. below the streambed.

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
13 S	19 E	34	SE $\frac{1}{4}$ NE $\frac{1}{4}$	
			NE $\frac{1}{4}$ SE $\frac{1}{4}$	
13 S	19 E	35	SW $\frac{1}{4}$ NW $\frac{1}{4}$	
			NW $\frac{1}{4}$ SW $\frac{1}{4}$	
			SE $\frac{1}{4}$ SW $\frac{1}{4}$	
			NE $\frac{1}{4}$ SW $\frac{1}{4}$	
Geoco Ranger Station				
16 dwellings, office, shop, 20-man work center with mess hall and barracks,				
4 individual batch quarters and campground.----100 people to be supplied				
with domestic water.				

(If more space required, attach separate sheet)

Character of soil

Kind of crops raised

MUNICIPAL SUPPLY--

13. To supply the city of
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, \$ 30,000.00
- 15. Construction work will begin on or before February 1961
- 16. Construction work will be completed on or before August 11, 1961
- 17. The water will be completely applied to the proposed use on or before August 11, 1961

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 supply is to replace two other temporary systems not certified

W. C. Clark
(Signature of applicant)

Remarks: Article 8- Description of works: Three lateral lines running generally North of the described point of origin noted in Article 4, paralleling Canyon Creek for about 200 feet, consisting of 6 inch diameter perforated metal pipe buried about 5 feet below the surface forming a collection field. The water passes through a 6 inch metal pipe for 100 feet to a corrugated metal sump of 2100 gallons capacity, thence pumped to two wooden stave storage tanks of 25,000 gallons capacity each. The first tank is located in the SW $\frac{1}{4}$ SW $\frac{1}{4}$, Sec. 35, T. 13 S., R. 19 E. W.M. Maximum head about 110 feet in elev. above the submerged pump and 1460 ft. distant. The second tank is located in the SW $\frac{1}{4}$ NW $\frac{1}{4}$, Sec. 35, T. 13 S., R. 19 E., W.M. At about the same head with a line sag of about 175 feet equidistant from the two tanks. The tanks are 2205 feet apart. Lateral mains are 4" steel pipe reduced to 1" steel pipe at dwellings and 2" steel pipe at Fire hydrants.

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

STATE OF OREGON, }
County of Marion, }

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 0.10 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 an infiltration type well

The use to which this water is to be applied is domestic use at Ochoco Ranger Station and campground.

If for irrigation, this appropriation shall be limited to - - - 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 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 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 July 13, 1961 for .05 c.f.s.
August 18, 1961 for 05 c.f.s.

Actual construction work shall begin on or before December 4, 1962 and shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1963

Complete application of the water to the proposed use shall be made on or before October 1, 1963

WITNESS my hand this 4th day of December, 1961

Louis A. Stanley
STATE ENGINEER

Application No. G-2073
Permit No. G-1942

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 13th day of July
1961, at 8:00 o'clock A. M.

Returned to applicant:

Approved:

December 4, 1961
Recorded in book No. 8 of
Ground Water Permits on page 1912

STATE ENGINEER
Drainage Basin No. 5 page 44