

Permit No. **4-588**

APPLICATION FOR A PERMIT

To appropriate the Underground Waters of the State of Oregon

(Mrs) Merle Jack Cahill
of Adams, county of Umatilla
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 Umatilla River tributary of Columbia

2. The amount of water which the applicant intends to apply to beneficial use is 0.125 cubic feet per second.

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

4. The well or other source is located 530 ft. North and 850 ft. E from the SW corner of NW 1/4 Sec 3 T2N R35 E W M
The South West Quarter of the Northwest Quarter of Sec 3 T2N R35 E W M.

being within the SW 1/4 of Sec. 3, Twp. 2 N, R. 35 E W. M., in the county of UMATILLA

5. The Pipe to be _____ miles in length, terminating in the _____ of Sec. _____, Twp. _____

_____ 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.

Not Artesian

8. The development will consist of 1 Well having a diameter of 4 1/2 inches and an estimated depth of 10 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 *Pump to be used at 50 gal per minute through 2" pipe*
 Give horsepower and type of motor or engine to be used *Electric motor 3 horse*

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
1/8th mile and 11 ft difference in Elevation

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
<i>T27N</i>	<i>35E11M</i>	<i>3</i>	<i>SW 1/4 & NW 1/4</i>	<i>10</i>

(If more space required, attach separate sheet.)

(a) Character of soil *1/2 Heavy Dark Soil 1/2 Gravelly*
 (b) Kind of crops raised *Alfalfa*

MUNICIPAL SUPPLY—

13. (a) To supply the city of _____
_____ county, having a present population of _____
and an estimated population of _____ in 19_____

14. Estimated cost of proposed works, \$1000⁰⁰

15. Construction work will begin on or before Necessary to dig out by Oct 10th

16. Construction work will be completed on or before Oct 10 5.3

17. The water will be completely applied to the proposed use on or before Oct 21th

(Mrs.) Mable Jack Cahill

Remarks: This well has been dug and used for 22 years. It is 4 ft across at top and 10 1/2 feet deep from top of well.

I do not know at present what size Electric motor it will take to run a small pump here to put out 50 gal per min. I would assume motor a 1 or 2 horse should do it
sum

This map is a tracing from the _____
_____ county, _____

This new map taken from Atlas and made on 12" to mile scale. Torn part taken off on account of spilled ink.

STATE OF OREGON, } ss.
County of Marion,

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

STATE OF OREGON,

PERMIT

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 0.125 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 1/80 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 the loss of underground water.

The priority date of this permit is September 22, 1953

Actual construction work shall begin on or before November 20, 1954 and shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1955

Complete application of the water to the proposed use shall be made on or before October 1, 1956

WITNESS my hand this 20th day of November, 1953

Chas. E. Stricklin
STATE ENGINEER

Application No. 4-630

Permit No. 4-580

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 22nd day of September, 1953, at 1:00 o'clock P. M.

Returned to applicant:

Approved:

November 20, 1953

Recorded in book No. 2 of

Permits on page 4-580

CHAS. E. STRICKLIN
STATE ENGINEER

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