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STATE ENGINEER  
SALEM OREGON

Permit No. G-4944

CERTIFICATE NO. Hld 23

APPLICATION FOR A PERMIT

To appropriate the Ground Waters of the State of Oregon

I, Ronald Baker (Name of applicant)  
of P.O. Box 109 Hermiston, county of Umatilla  
(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

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

tributary of Columbia

2. The amount of water which the applicant intends to apply to beneficial use is cubic feet per second or 337 gallons per minute. from well #2

3. The use to which the water is to be applied is Irrigation of row crops, pasture, or alfalfa

4. The well or other source is located 1080 ft. N and 1470 ft. W from the E 1/4 corner of Section 24 (N. or S.) (E. or W.) (Section or subdivision)

(If preferable, give distance and bearing to section corner)

(If there is more than one well, each must be described. Use separate sheet if necessary)

being within the S.W. 1/4 N.E. 1/4 of Sec. 24, Twp. 4 N., R. 27 E., W. M., in the county of Umatilla

5. The pipe line (Canal or pipe line) to be .25 miles in length, terminating in the N.E. 1/4 N.E. 1/4 of Sec. 24, Twp. 4 N., R. 27 E., W. M., the proposed location being shown throughout on the accompanying map.

6. The name of the well or other works is Well #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.

Not artesian

8. The development will consist of use of well #2 (Give number of wells, tunnels, etc.) having a diameter of 16 inches and an estimated depth of 175 feet. It is estimated that 150 feet of the well will require steel (Kind) casing. Depth to water table is estimated 70 feet. (Feet)

C 1011

CANAL SYSTEM OR PIPE LINE—

G 4944

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, 1320 ft.; size at intake 6 in.; in size at ..... ft. from intake ..... in.; size at place of use 6" in.; difference in elevation between intake and place of use, 0 ft. Is grade uniform? Yes. Estimated capacity, 1300 g.p.m. sec. ft.

10. If pumps are to be used, give size and type 300 horse power Floway Turbine Pump with 5 stage 14 FKH Bowl Assembly

Give horsepower and type of motor or engine to be used 300 horse power elective 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

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
4 N	27 E	24	NE 1/4 NE 1/4	39.4

(If more space required, attach separate sheet)

Character of soil loomy sand  
 Kind of crops raised Alfalfa, corn, pasture



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 0.48 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; The depth of the well shall be limited to the depth of the alluvial gravels and shall not penetrate the basalts.

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 January 25, 1972

Actual construction work shall begin on or before February 1, 1973 and shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1973

Complete application of the water to the proposed use shall be made on or before October 1, 1974

WITNESS my hand this 1st day of February, 1972

*Chris L. Wheeler*  
STATE ENGINEER

Application No. G-5710  
Permit No. G-4944

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 25 day of January, 1972, at 8:00 o'clock A. M.

Returned to applicant:

Approved: February 1, 1972

Recorded in book No. of Ground Water Permits on page G-4944

CHRIS L. WHEELER  
STATE ENGINEER

Drainage Basin No. 7 page 49