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STATE ENGINEER
SALEM OREGON

Permit No. G-4960

APPLICATION FOR A PERMIT

CERTIFICATE NO. 46682

To appropriate the Ground Waters of the State of Oregon

998 - 2553

I, Brochner and Arlene Mikkelsen
(Name of applicant)
of 174 Willamette Drive, Junction City, county of Lane
(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 Willamette River
(Name of stream)

tributary of Columbia River

2. The amount of water which the applicant intends to apply to beneficial use is .825 cubic feet per second or 370.28 gallons per minute. 0.41 cfs each well

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

4. The well or other source is located Well #3 2,262 S 1,900 E
Well #4 1,214 ft. S and 2,135 ft. E from the N.W.
(N. or S.) (E. or W.)
corner of Section 34, T 15 S, R 4 W, W.M.
(Section or subdivision)

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

being within the Well #3 S.E. 4, N.W. 4 of Sec. 34, Twp. 15 S, R. 4 W
Well #4 N.E. 4, N.W. 4
W. M., in the county of Lane
(If there is more than one well, each must be described. Use separate sheet if necessary)

5. The Canal or pipe line to be _____ miles in length, terminating in the _____ of Sec. _____, Twp. _____, R. _____, W. M., the proposed location being shown throughout on the accompanying map.
(Smallest legal subdivision)

6. The name of the well or other works is Well #3 and Well #4

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.

8. The development will consist of 2 wells having a diameter of #3 5" #4 6" inches and an estimated depth of 25 feet. It is estimated that 25 feet of the well will require steel casing. Depth to water table is estimated 8'
(Give number of wells, tunnels, etc.) (Kind) (Feet)

CANAL SYSTEM OR PIPE LINE—

G 4960

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 cent.

Give horsepower and type of motor or engine to be used 15 H.P. electric

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
Well #3 15 S	4 W	34	SE $\frac{1}{4}$, NW $\frac{1}{4}$	21.8 acres
			NE $\frac{1}{4}$, SW $\frac{1}{4}$	11.2 acres
			SE $\frac{1}{4}$, NW $\frac{1}{4}$	16.7 acres
Well #4 15 S	4 W	34	NE $\frac{1}{4}$, NW $\frac{1}{4}$	16.3 acres
Total				66.0 acres

(If more space required, attach separate sheet)

Character of soil Sandy loam

Kind of crops raised Row crops

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, \$200.00 each.....
- 15. Construction work will begin on or before completed.....
- 16. Construction work will be completed on or before completed.....
- 17. The water will be completely applied to the proposed use on or before May 1, 1971.....

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.

Brockman Matheson
(Signature of applicant)

Remarks: Will be some overlapping of areas irrigated from wells #3 and #4 as required by the cropping pattern.

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 completion by submission of the required legal description

In order to retain its priority, this application must be returned to the State Engineer, with corrections on or before July 6th, 19 71.

WITNESS my hand this 4th day of May, 19 71.

RECEIVED
MAY 2 1971
STATE ENGINEER
SALEM OREGON

CHRIS L. WHEELER
STATE ENGINEER
By *Wayne J. Overcash*
Wayne J. Overcash
ASSISTANT

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 0.82 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 being 0.41 cfs from each 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 2 1/2 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 March 12, 1971

Actual construction work shall begin on or before March 30, 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 30th day of March, 1972

Chris L. Wheeler
STATE ENGINEER

Application No. G-5457
Permit No. G-4960

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 12th day of March
1971, at 10:35 o'clock A. M.

Returned to applicant:

Approved: March 30, 1972

Recorded in book No. of G 4960
Ground Water Permits on page

CHRIS L. WHEELER
STATE ENGINEER

Drainage Basin No. 2 page 121

State Printing
#25-40