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WATER RESOURCES DEPT.
SALEM, OREGON

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SALEM, OREGON

Permit No. G- **G 6625**

CERTIFICATE NO. **48930**

APPLICATION FOR A PERMIT

ASSIGNED, See Misc. Rec., Vol. **6** Page **547**

To appropriate the Ground Waters of the State of Oregon

I, James C. and Judith D. Crawford
(Name of applicant)
of 131 N.E. Cloverdale Drive, Albany, county of Benton
(Postoffice Address)
state of Oregon 97320, 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

N.A.

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

tributary of Willamette River

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

3. The use to which the water is to be applied is Irrigation of permanent pasture mix of sub-clover, alta fescue and New Zealand white clover.

4. The well or other source is located 160 ft. N and 200 ft. E from the S.E. corner of Croghan Rhodes D.L.C. No 68
(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 SE 1/4 of the SE 1/4 of Sec. 9, Twp. 10 S, R. 4 W, W. M., in the county of Benton

5. The 2" PVC pipeline to be 790' in length, terminating in the SE 1/4 of the SE 1/4 of Sec. 9, Twp. 10 S, R. 4 W, W. M., the proposed location being shown throughout on the accompanying map.
(Canal or pipe line) (Smallest legal subdivision)

6. The name of the well or other works is Irrigation well.

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.

N.A.

8. The development will consist of one well having a diameter of 8" inches and an estimated depth of 46' feet. It is estimated that 41' feet of the well will require 8" steel casing. Depth to water table is estimated 24'
(Give number of wells, tunnels, etc.) (Kind) (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) N.A. feet; width on bottom feet; depth of water feet; grade feet fall per one thousand feet.

(b) At N.A. 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, 790' ft.; size at intake 3" in.; in size at 10' ft. from intake 2" in.; size at place of use (gate valves) 2" in.; difference in elevation between intake and place of use, 16' ft. Is grade uniform? Yes Estimated capacity, sec. ft.

Additional 350' of 1 1/2" aluminum lateral with sprinklers.

10. If pumps are to be used, give size and type 5 h.p. Jacuzzi mod. 556J4-52, 1 PH, 230 volt, electric submersible

Give horsepower and type of motor or engine to be used

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

Approximately 1/4 mile to Soap Creek. Well development approximately 40' above stream bed.

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
<u>10 S</u>	<u>4 W</u>	<u>9</u>	<u>SE 1/4 of SE 1/4</u>	<u>8.3 acres</u>

(If more space required, attach separate sheet)

Character of soil Sandy loam to clay loam

Kind of crops raised Permanent pasture mix of sub-clover, alta fescue, and New Zealand white clover.

MUNICIPAL SUPPLY—

13. To supply the city of N.A.
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, \$ 6,844.24 actual cost.
- 15. Construction work will begin on or before July 1975.
- 16. Construction work will be completed on or before Sept. 1975.
- 17. The water will be completely applied to the proposed use on or before July 1976.
- 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. No other.

Remarks: _____
James C. Crawford
(Signature of applicant)
Judith D. Crawford

Test pumping by Aquatic Pump & Tool, Inc. demonstrated that it is a very good well capable of producing much more than 150 gpm. Test pumping done from 7/19/75 to 7/23/75.

The pump that was installed was oversize for 60 g.p.m. output because the impellers were set at maximum clearance to reduce sand damage due to a lot of sand. With the impellers set at close tolerance it would put out 90 to 100 g.p.m. I have enclosed copies of the test pumping reports.

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, } 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 0.10 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 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 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 December 29, 1975

Actual construction work shall begin on or before March 24, 1977 and shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1977

Complete application of the water to the proposed use shall be made on or before October 1, 1978.

WITNESS my hand this 24th day of March, 1976.

James E. ...
WATER RESOURCES DIRECTOR

Application No. G-7194
Permit No. G-6625

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 29th day of December, 1975, at 8:00 o'clock A. M.

Returned to applicant:

Approved:

Recorded in book No. of G 6625
Ground Water Permits on page

STATE ENGINEER

Drainage Basin No. 2 page 78
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