

DEC 12 1974

STATE ENGINEER
SALEM, OREGON

Permit No. G-G 6280 "CERTIFICATE NO. 58652

APPLICATION FOR A PERMIT

CERTIFICATE NO. _____

To Appropriate the Ground Waters of the State of Oregon

I, Modoc Orchard Company, c/o Ben Darras
(Name of applicant)

of P. O. Box 56, Medford, county of Jackson,
(Postoffice Address)

state of Oregon 97501, 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 Hansen Creek
(Name of stream)

tributary of Bear Creek

2. The amount of water which the applicant intends to apply to beneficial use is 3.00 cubic feet per second or _____ gallons per minute.

3. The use to which the water is to be applied is temperature control

4. The well or other source is located 1250 ft. N. and 250 ft. W. from the SW corner of Section 31
(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 SW 1/4 of Sec. 31, Twp. 37 S., R. 1 W., W. M., in the county of Jackson

5. The pipeline to be 18,420 feet miles in length, terminating in the NE 1/4 NW 1/4 of Sec. 6, Twp. 38 S., R. 1 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 Modoc Orchard Sump #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.

8. The development will consist of one well (pump) having a diameter of 45 x 400 and an estimated depth of 19 feet. It is estimated that 0 feet of the well will require no casing. Depth to water table is estimated 4
(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) 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, 18,420 ft.; size at intake in.; in size at 980 ft. from intake in.; size at place of use 1; 1 1/4; 1 1/2 in.; difference in elevation between intake and place of use, +10 ft. Is grade uniform? Yes. Estimated capacity, sec. ft.

10. If pumps are to be used, give size and type two - 5" x 4" centrifugal pumps.

Give horsepower and type of motor or engine to be used two 50 H.P. electric motors.

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 none.

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
37 S.	1 W.	31	SW 1/4 SW 1/4	19.3 acres temp. control
38 S.	1 W.	6	NE 1/4 NE 1/4 NW 1/4	1.7 acres temp. control
				21.0

(If more space required, attach separate sheet)

Character of soil clay loam.

Kind of crops raised orchard.

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, \$ 15,000.00....
- 15. Construction work will begin on or before one year from date of priority.
- 16. Construction work will be completed on or before October 1, 1977.
- 17. The water will be completely applied to the proposed use on or before October 1, 1978.

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.

*Metcalf & Eddy Co.
by Ben Harrae*
(Signature of applicant)

Remarks:
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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.....

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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 3.0 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 Modoc Orchard Sump No. 2

The use to which this water is to be applied is Temperature Control

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; The permittee shall record and submit annually to the Water Resources Department all pertinent data pertaining to use of water for temperature control on forms furnished.

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 12, 1974

Actual construction work shall begin on or before January 12, 1977 and shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1978

Complete application of the water to the proposed use shall be made on or before October 1, 1979

WITNESS my hand this 12th day of January, 1976

James E. Shaw
WATER RESOURCES DIRECTOR STATE ENGINEER FA A

Application No. G-6760
Permit No. G- G 6280

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 December, 1974, at 8:00 o'clock A. M.

Returned to applicant:

Approved:

Recorded in book No. of G 6280
Ground Water Permits on page

STATE ENGINEER

Drainage Basin No. 15 page 105