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AUG 28 1963
STATE ENGINEER
SALEM, OREGON

Permit No. G- **2498**

APPLICATION FOR A PERMIT

To Appropriate the Ground Waters of the State of Oregon

Steward and Morrissey, A Partnership, consisting of Robert J. I. Steward, Margaret E. Steward, Patrick C. Morrissey, & Ethel Joy Morrissey
(Name of applicant)

of Keating Stage, Baker, county of Baker
(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 Pleasant Valley Creek
(Name of stream)

tributary of Powder River

2. The amount of water which the applicant intends to apply to beneficial use is 800 cubic feet per second or 800 gallons per minute. (1/2 well capacity)

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

4. The well or other source is located 1220 ft. South and 1520 ft. West from the NE corner of Section 14 T3S Range 41E WM
(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 NW 1/4 NE 1/4 of Sec. 14, Twp. 8S, R. 41E W. M., in the county of Baker, Oregon

5. The portable mainline pipe line to be three-fourths miles in length, terminating in the NE 1/4 NW 1/4 of Sec. 13 Twp. 8S NE 1/4 SE 1/4 of Sec. 11 Twp. 8S SW 1/4 SE 1/4 of Sec. 11 Twp. 8S
(smallest legal subdivision)
R. 41E W. M., the proposed location being shown throughout on the accompanying map.

6. The name of the well or other works is Pleasant Valley 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.

not artesian

8. The development will consist of one well having a diameter of 14 inches and an estimated depth of 83 feet. It is estimated that 540 feet of the well will require steel casing. Depth to water table is estimated 18 feet.
(Kind) (Feet)
(Give number of wells, tunnels, etc)

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, 3860 ft.; size at intake, 10 in.; in size at 1320 ft. from intake 8 in.; size at place of use 6 in.; difference in elevation between intake and place of use, 90' higher to ft. Is grade uniform? some yes Estimated capacity, 40' lower some no
285 sec. ft. (1600 gal. /min.)

10. If pumps are to be used, give size and type Fairbanks-Morse
open impeller six stage electric turbine

Give horsepower and type of motor or engine to be used 100h.p. Westinghouse

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

700 feet west of Pleasant Valley creek; well is 20 feet higher in elevation than creek

12. Location of area to be irrigated, or place of use Lower Powder Valley (Kesting area)

| Township N. or S. | Range E. or W. of Willamette Meridian | Section | Forty-acre Tract | Number Acres To Be Irrigated |
|-------------------|---------------------------------------|---------|-----------------------------------|------------------------------|
| 3S | 41E | 11 | NE $\frac{1}{4}$ SE $\frac{1}{4}$ | 40 |
| | | | SE $\frac{1}{4}$ SW $\frac{1}{4}$ | 40 |
| | | 12 | NW $\frac{1}{4}$ SW $\frac{1}{4}$ | 22 |
| | | | SW $\frac{1}{4}$ SW $\frac{1}{4}$ | 32 |
| | | | SE $\frac{1}{4}$ SW $\frac{1}{4}$ | 3 |
| | | 13 | NE $\frac{1}{4}$ NW $\frac{1}{4}$ | 40 |
| | | 14 | NE $\frac{1}{4}$ SW $\frac{1}{4}$ | 40 |
| | | | SW $\frac{1}{4}$ SW $\frac{1}{4}$ | 40 |
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| | | | | 257 |

(If more space required, attach separate sheet)

Character of soil Powder, Baker, and Virtue silt loam soils

Kind of crops raised grain and alfalfa

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 1.78 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 Pleasant Valley 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 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 August 28, 1963

Actual construction work shall begin on or before November 15, 1963 and shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1964

Complete application of the water to the proposed use shall be made on or before October 1, 1964

WITNESS my hand this 25th day of November, 1963

State Engineer signature

Application No. G-2693
Permit No. G-2498

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 28th day of August 1963 at 8:00 o'clock A.M.

Returned to applicant:

Approved: November 1, 1963
Recorded in book No. 10 of 2498
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STATE ENGINEER

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