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WATER RESOURCES DEPT.
SALEM, OREGON
P.C.

Permit No. G 7263
APPLICATION FOR A PERMIT

To Appropriate the Ground Waters of the State of Oregon

I, Stephen Wayne Hughes
(Name of applicant)

of Rt. 1 Box 11C Haines, Ore., county of Baker
(Postoffice Address)
state of Oregon 97833, 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 Williams Creek
(Name of stream)
tributary of Powder River

2. The amount of water which the applicant intends to apply to beneficial use is 8.25 cubic feet per second or 3700.95 gallons per minute.

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

4. The well or other source is located 0 ft. N and 30 ft. W from the N $\frac{1}{2}$ corner of Sec. 19
(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 NE $\frac{1}{4}$ NW $\frac{1}{4}$ of Sec. 19, Twp. 8S, R. 39E, W. M., in the county of Baker

5. The Pipe Line (Canal or pipe line) to be 4 miles in length, terminating in the SE $\frac{1}{4}$ NW $\frac{1}{4}$ of Sec. 13, Twp. 8S, R. 38E, 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 Hughes 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.

8. The development will consist of one well (Give number of wells, tunnels, etc.) having a diameter of 14 inches and an estimated depth of 500 feet. It is estimated that 300 feet of the well will require 1 steel casing. Depth to water table is estimated 23
(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, 4 miles ft.; size at intake 10 in.; in size at 1000 ft. from intake 8 in.; size at place of use 5 in.; difference in elevation between intake and place of use, 150 ft. Is grade uniform? Yes Estimated capacity, 8 1/2 sec. ft.

10. If pumps are to be used, give size and type Turbine 14" Bowls

Give horsepower and type of motor or engine to be used 150 hp Turbine 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

At closes point 30' from creek. Elevation difference 4'. Creek is higher than well.

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
8S	38E	13	PRIMARY SW 1/4 SW 1/4	40 ✓
			SE 1/4 SW 1/4 SW 1/4	20 ✓
			SE 1/4 NW 1/4	35 ✓
			SW 1/4 NE 1/4	9.5 ✓
8S	38E	13	NW 1/4 SE 1/4	9 ✓
8S	39E	18	SE 1/4 SW 1/4	2.5 ✓
8S	39E	19	NE 1/4 NW 1/4	20 ✓
8S	39E	19	SW 1/4 NW 1/4	20 ✓
8S	38E	13	SUPPLEMENTAL SW NE	30.5 ✓
			SE NE	40 ✓
			SE NW	5 ✓
			SE SW	20 ✓

(If more space required, attach separate sheet)

Character of soil silt & clay loam

Kind of crops raised grain - hay - pasture

156² primary

SUPPLEMENTAL (cont.)

			NE SE	40
			NW SE	31
			SW SE	40
	13		SE SE	40
	24		NE NE	40
			NW NE	40
38E	24		SE NE	20
39E	18		SW SW	40
	18		SE SW	37.5
	19		NE NW	20
			NW NW	40
8S	39E	19	SE NW	20

Handwritten notes:
 13A
 39E
 19

Application No. G-7594
Permit No. G-7263

Faint, illegible text and stamps, possibly including a date or official mark.

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 8.2 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 and supplemental 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 3 acre feet per acre for each acre irrigated during the irrigation season of each year; provided further that the right allowed herein shall be limited to any deficiency in the available supply of any prior right existing for the same land and shall not exceed the limitation allowed herein,

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 11, 1977

Actual construction work shall begin on or before July 21, 1978 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 21st day of July 1977

James E. Larson
Water Resources Director

Application No. G- 7594
Permit No. G 7263

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 11th day of March 1977, at 8:00 o'clock A. M.

Returned to applicant:

Approved:

Recorded in book No. of
Ground Water Permits on page

STATE ENGINEER
Drainage Basin No. 9 page 49
219.00