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AUG 22 1973

STATE ENGINEER
SALEM, OREGON

"CERTIFICATE NO. 54733

Permit No. G- G 5909

APPLICATION FOR A PERMIT

To Appropriate the Ground Waters of the State of Oregon

I, Frank Mueller (Name of applicant)
of Rt 1, Box 235 Hermiston 97838, county of Umatilla
(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 Umatilla River
(Name of stream)

tributary of Columbia River

2. The amount of water which the applicant intends to apply to beneficial use is cubic feet per second or 500 gallons per minute.

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

4. The well or other source is located 20 ft. N and 680 ft. W from the E 1/4
(N. or S.) (E. or W.)
corner of Sec 36
(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 N.E. 1/4 of Sec. 36, Twp. 4N, R. 28 E,
W. M., in the county of Umatilla

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

6. The name of the well or other works is Mueller # 1 E.

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 dug well or pump pit having a
(Give number of wells, tunnels, etc.)
diameter of 6 ft. inches and an estimated depth of 20 ft. feet. It is estimated that 20
feet of the well will require 6 ft. steel casing. Depth to water table is estimated 5 1/2 feet
(Kind) (Feet)
or less

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, 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 8 in. Centrifugal

Give horsepower and type of motor or engine to be used 30 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

The well location is approximately 1300 ft. from the Umatilla River (S.W.)

Ground Level at the well is approximately 30 ft. above the river 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
4 N	28 E	36	N.E. $\frac{1}{4}$ N.E. $\frac{1}{4}$	11
			S.E. $\frac{1}{4}$ N.E. $\frac{1}{4}$	20
			S.W. $\frac{1}{4}$ N.E. $\frac{1}{4}$	12
			N.W. $\frac{1}{4}$ N.E. $\frac{1}{4}$	22
				65

(If more space required, attach separate sheet)

Character of soil Silt Loam

Kind of crops raised Row Crops, Specialty Crops, Hay and pasture.

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, \$ 14,000.....
- 15. Construction work will begin on or before May 7, 1973.....
- 16. Construction work will be completed on or before July 15, 1973.....
- 17. The water will be completely applied to the proposed use on or before June 1, 1974.....
- 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. Dillen Ditch Company (With a 23 day rotation which is not frequent enough for shallow rooted crops).

Frank W. Smulle
(Signature of applicant)

Remarks:

Item 5. Source of water is high water table in surrounding fields. Water will be pumped into a portable main line and then into a portable sprinkler system. This will hopefully lower the high water table some and provide a water rotation of about 14 days to the crops.

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 0.81 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 Mueller Well #1 E

The use to which this water is to be applied is for 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; and shall be further limited to appropriation of water only to the extent that it does not impair or substantially interfere with existing surface water rights of others; 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 August 22, 1973

Actual construction work shall begin on or before November 3, 1976 and shall

thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1977

Extended to Oct. 1979

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

Extended to Oct. 1978

Extended to Oct. 1 1980

WITNESS my hand this 3rd day of November, 1975

Extended to Oct. 1979

James B. [Signature]
Water Resources Director

STATE ENGINEER

F.H. C

Application No. G- 62277
Permit No. G- 5909

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 22nd day of August
1973, at 8:00 o'clock A. M.

Returned to applicant:

Approved:

Recorded in book No. G 5909
of Ground Water Permits on page

STATE ENGINEER

Drainage Basin No. 7 page 72

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