

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) 7.5 feet; width on bottom 1.5 feet; depth of water 1.5 feet; grade 5 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, 100 ft.; size at intake, 6 in.; in size at 100 ft. from intake 6 in.; size at place of use 6 in.; difference in elevation between intake and place of use, _____ ft. Is grade uniform? yes Estimated capacity, 2.25 sec. ft.

10. If pumps are to be used, give size and type _____

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

50 ft. W. Hay creek channel & 4.2 ft. from channel bottom to ground surface.

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
9 S	15 E	29	NW 1/4 NW 1/4	34.8
			SE 1/4 NW 1/4	30.3

(If more space required, attach separate sheet)

Character of soil Silty Clay

Kind of crop raised Alfalfa & Grass

12. To supply the city of _____
_____ 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. Construction work will begin on or before Feb. 1, 1960
- 16. Construction work will be completed on or before Feb. 1, 1961
- 17. The water will be completely applied to the proposed use on or before Feb. 1, 1961

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. Certificate 3490 and 2230

J. Gustafson

Remarks: Total pump capacity to be 1000 g. p. m. used to supplement Hay Creek flood flows. Maximum amount to be applied 2.5 Ac. ft./Acr. Pump will not be operated continuously. Maximum amount to be applied during growing season of dry year 163 P. ac. ft.

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 completion and correction.

In order to retain its priority, this application must be returned to the State Engineer, with corrections on or before February 2, 1960.

WITNESS my hand this 3rd day of December, 19 59.

RECEIVED
DEC 8 1959
STATE ENGINEER
SALEM, OREGON

LEWIS A. SAILEY

STATE ENGINEER

Walter N. Perry

By Walter N. Perry,

ASSISTANT

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 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 Horigan Pond.

The use to which this water is to be applied is 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 amount of water allowed herein, together with the amount secured under any other right existing for the same lands 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 November 16, 1959

Actual construction work shall begin on or before December 21, 1959 and shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1960

Complete application of the water to the proposed use shall be made on or before October 1, 1960

WITNESS my hand this 21st day of December, 1959

Lewis A. Stanley
STATE ENGINEER

Application No. G-1618
Permit No. G-1486

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 18th day of November
1959, at 1:00 o'clock A. M.

Returned to applicant:

Approved:
December 21, 1959
Recorded in book No. 6 of
Ground Water Permits on page 195

LEWIS A. STANLEY
STATE ENGINEER
Drainage Basin No. 5 page 44

State Printing