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STATE ENGINEER
SALEM, OREGON

Permit No. G-.....

APPLICATION FOR A PERMIT

To appropriate the Ground Waters of the State of Oregon

I, Edson R. McCause
(Name of applicant)

of 1502 First St., La Grande, county of Union
(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 About halfway between North Powder River & Wolf Creek
(Name of stream)

tributary of Powder River

2. The amount of water which the applicant intends to apply to beneficial use is 8 cubic feet per second or gallons per minute. (4 cubic feet per second from each well)

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

Well No. 1. The well or other source is located 1287 ft. N. and 2228 ft. W. from the S.E. corner of Section 20
(N. or S.) (E. or W.) (Section or subdivision)

Well No. 2 is located 3408 ft. W. & 3995 ft. N. from the S.E. corner of Section 20
(If preferable, give distance and bearing to section corner)

SW 1/4 SE 1/4 (Well No. 1) each must be described. Use separate sheet if necessary)
being within the NE 1/4 NW 1/4 (Well No. 2) of Sec. 20, Twp. 6 S., R. 39 E.,
W. M., in the county of Union

5. The Canal or pipe line to be miles in length, terminating in the of Sec., Twp.

R. W. M., the proposed location being shown throughout on the accompanying map.

6. The name of the well or other works is Well No. 1 and Well No. 2 McCause Ranch

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 2 wells having a diameter of 12 inches and an estimated depth of 400 feet. It is estimated that and a diameter of 14 inches and an estimated depth of 550 feet for Well No. 2 feet of the well will require STEEL-PERFORATED casing. Depth to water table is estimated 75 feet.
(Kind) (Feet)

50-100 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, 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 Well No. 1 Deep well turbine 8" discharge
 Well No. 2 Deep well turbine 8" discharge
 Give horsepower and type of motor or engine to be used Well No. 1 Electric motor 60 H. P.
 Well No. 2 Electric motor 50 H. P.

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

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
6 S.	39 E.	20	All of Section 20	640
		21	N 1/2	320
		21	SW 1/4	160
		22	NW 1/4 NW 1/4	10
		22	SW 1/4 NW 1/4	24
		22	NW 1/4 SW 1/4	25

(If more space required, attach separate sheet)

Character of soil Sandy loam
 Kind of crops raised GRAIN grain, pasture, hay

MUNICIPAL SUPPLY--

12. To supply the city of _____
in _____ county, having a present population of _____
and an estimated population of _____ in 19_____

- 14. Estimated cost of proposed works, \$ 25,000
- 15. Construction work will begin on or before SUMMER OF 1954
- 16. Construction work will be completed on or before SUMMER OF 1956
- 17. The water will be completely applied to the proposed use on or before 7/1/56

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. WATER RIGHTS IN ANTHONY CREEK AND NORTH FORK OF RIVER, 1880 - 1894 - 1897 - 1900 - 1904 - ADJUDICATED

Edwin A. Johnson
(Signature of applicant)

Remarks: Item 10 above. Water lift approximately 120 feet. Turbine pumps will be stationary. Sprinkling is planned by pumping water from open ditches at various points with tractor-mounted centrifugal pumps. Some 300 sprinkler heads delivering approximately 11 GPM each are planned.

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 attachment of log for well No. 2

In order to retain its priority, this application must be returned to the State Engineer, with correction on or before November 23, 1956.

WITNESS my hand this 22nd day of October, 1956.

LEWIS A. STANLEY
STATE ENGINEER

BY *Chris L. Wheeler*
Chris L. Wheeler, Assistant
STATE ENGINEER

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 8.0 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 two wells

The use to which this water is to be applied is irrigation and supplemental irrigation

If for irrigation, this appropriation shall be limited to 1/40 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 still further limited to a diversion of not to exceed 8.0 c.f.s.

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 January 24, 1957

Actual construction work shall begin on or before February 25, 1958 and shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1958

Complete application of the water to the proposed use shall be made on or before October 1, 1959

WITNESS my hand this 25th day of February, 1957

Lawrence A. Stanley

STATE ENGINEER

Application No. G- 225
Permit No. G- 437

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 1st day of January, 1957, at 8:00 o'clock A. M.

Returned to applicant: October 22, 1956

Approved: February 25, 1957

Recorded in book No. 2 of Ground Water Permits on page 437

LAWRENCE A. STANLEY STATE ENGINEER

Drainage Basin No. 2 page 42