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Permit No. 23731

STATE ENGINEER
SALEM, OREGON

*APPLICATION FOR PERMIT

To appropriate the Public Waters of the State of Oregon

I, Joe H. Henby
(Name of applicant)

of 2828 College Street Baker,
(Mailing address)

State of Oregon, do hereby make application for a permit to appropriate the following described public waters of the State of Oregon, SUBJECT TO EXISTING RIGHTS:

If the applicant is a corporation, give date and place of incorporation

1. The source of the proposed appropriation is Powder River
(Name of stream)
a tributary of Snake River

2. The amount of water which the applicant intends to apply to beneficial use is 1.00
cubic feet per second. for irrigation and 25 cfs for power
(If water is to be used from more than one source, give quantity from each)

**3. The use to which the water is to be applied is Irrigation and direct water
(Irrigation, power, mining, manufacturing, domestic supplies, etc.)
POWER.

4. The point of diversion is located 3749 ft. S. and 458 ft. E. from the
(N. or S.) (E. or W.)
corner of Sec. 3, T. 9 S., R. 44 E., W. M.
(Section or subdivision)

(If preferable, give distance and bearing to section corner)

(If there is more than one point of diversion, each must be described. Use separate sheets if necessary.)

being within the NE $\frac{1}{4}$ of the SE $\frac{1}{4}$ of Sec. 4, T. 9, R. 44
(Give smallest legal subdivision)

R. 44 E., W. M., in the county of Baker
(E. or W.)

5. The Canal to be about 2000 feet
(Main ditch, canal or pipe line) (Miles or feet)
in length, terminating in the NE $\frac{1}{4}$ of the SE $\frac{1}{4}$ of Sec. 3, T. 9, R. 44
(Smallest legal subdivision)

R. 44 E., W. M., the proposed location being shown throughout on the accompanying plan.
(E. or W.)

DESCRIPTION OF WORKS

Diversion Works—

6. (a) Height of dam 3 feet, length on top about 50 feet, length at base about 50 feet; material to be used and character of construction lower rock and timber crib
(rock and brush, timber crib, etc., wasteway over or around dam)

(b) Description of headgate. Timber, one opening about 6 ft. in
(Timber, concrete, etc., number and size of openings)

(c) If water is to be pumped give general description See remarks
(Size and type of pump)

(Size and type of engine or motor to be used, total head water is to be lifted, etc.)

*A different form of application is provided where storage works are contemplated.

**Application for permits to appropriate water for the generation of electricity, with the exception of municipal, must be made to the Federal Energy Commission. Either of the above forms may be secured, without cost, together with instructions by addressing the State Engineer, Salem, Oregon.

Canal System or Pipe Line—

7. (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) 6 feet; width on bottom 4 feet; depth of water 2 feet; grade 1.0 feet fall per one thousand feet.

(b) At 0.527 miles from headgate: width on top (at water line) 5 feet; width on bottom 3 feet; depth of water 2 feet; grade 1.0 feet fall per one thousand feet.

(c) Length of pipe, 700 & 875 ft.; size at intake, 8 in.; size at 8 ft. from intake 8 in.; size at place of use 8 in.; difference in elevation between intake and place of use, 140 ft. Is grade uniform? No Estimated capacity, 2 sec. ft.

8. Location of area to be irrigated, or place of use

Township North or South	Range E. or W. of Willamette Meridian	Section	Forty-acre Tract	Number Acres To Be Irrigated
9 S.	44 E.	3	SW $\frac{1}{4}$ of the NW $\frac{1}{4}$	6.6
"	"	"	SE $\frac{1}{4}$ of the NW $\frac{1}{4}$	7.0
"	"	"	NW $\frac{1}{4}$ of the SE $\frac{1}{4}$	16.2
"	"	"	NE $\frac{1}{4}$ of the SE $\frac{1}{4}$	16.4
"	"	"	SW $\frac{1}{4}$ of the SE $\frac{1}{4}$	7.6
"	"	"	SE $\frac{1}{4}$ of the SE $\frac{1}{4}$	6.4

(If more space required, attach separate sheet)

(a) Character of soil Sandy loam

(b) Kind of crops raised Pasture and alfalfa

Power or Mining Purposes—

9. (a) Total amount of power to be developed 50 theoretical horse power

(b) Quantity of water to be used for power 85 sec. ft.

(c) Total fall to be utilized 20 feet.
(Head)

(d) The nature of the works by means of which the power is to be developed

Pelton wheel with direct drive to centrifugal pump

(e) Such works to be located in NE $\frac{1}{4}$ of the SW $\frac{1}{4}$ of Sec. 3
(Legal subdivision)

Tp. 9 S., R. 44 E., W. M.
(No. N. or S.) (No. E. or W.)

(f) Is water to be returned to any stream? Yes
(Yes or No)

(g) If so, name stream and locate point of return Powder River

NE $\frac{1}{4}$ of the SW $\frac{1}{4}$, Sec. 3, Tp. 9 S., R. 44 E., W. M.
(No. N. or S.) (No. E. or W.)

(h) The use to which power is to be applied is for operating pump for irrigation.

(i) The nature of the mines to be served None

10. (a) To supply the city of _____
_____ County, having a present population of _____
and an estimated population of _____ in 19____.

(b) If for domestic use state number of families to be supplied _____

(Answer questions 11, 12, 13, and 14 in all cases)

- 11. Estimated cost of proposed works, \$ 4000 _____
- 12. Construction work will begin on or before June, 1956 _____
- 13. Construction work will be completed on or before June, 1957 _____
- 14. The water will be completely applied to the proposed use on or before June, 1957 _____

(Signature of applicant)

Remarks: Water is to be diverted from Powder River into a canal about 3000 ft. in length. A pipe line from end of canal is to be directed into a pelton wheel which will be connected to a centrifugal pump. This pump will alternately serve two pipe lines, 700 and 1000 feet in length. The water transported through these pipe lines will irrigate the lands shown on the application map. The total head on the pump is about 140 feet. Size of pump has not been determined, but will be 4 or 5 inch.

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 amending.

In order to retain its priority, this application must be returned to the State Engineer, with corrections on or before October 5, 1955.

WITNESS my hand this 5th day of August, 1955.

LEWIS A. STANLEY

STATE ENGINEER

By Chris L. Wheeler, Assistant

PERMIT

STATE OF OREGON, }
County of Marion, } ss.

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 26.5 cubic feet per second measured at the point of diversion from the stream, or its equivalent in case of rotation with other water users, from Powder River

The use to which this water is to be applied is irrigation and power, being 1.5 c.f.s. for irrigation and 25.0 c.f.s. for power.

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 1/2 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 State Engineer

The priority date of this permit is July 12, 1955

Actual construction work shall begin on or before December 30, 1955 and thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1956

Complete application of the water to the proposed use shall be made on or before 1958

WITNESS my hand this 20th day of December, 1955

Application No. 50457
Permit No. 23781

PERMIT

TO APPROPRIATE THE PUBLIC WATERS OF THE STATE OF OREGON

This instrument was first received in the office of the State Engineer at Salem, Oregon, on the 12th day of July 1955, at 8:00 o'clock A.M.

Return to applicant:

Approved:

December 20, 1955

Recorded in book No. 62 of 63-131 Permits on page

LEWIS A. STANLEY
STATE ENGINEER

Drainage Basin No.

#075

State Engineer's Office