

* Permit No. 7861

APPLICATION FOR A PERMIT

CERTIFICATE NO. 9688

To appropriate the Public Waters of the State of Oregon

I, The California Oregon Power Company (Name of applicant) of Medford (Postoffice), County of Jackson, 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 October 16-1920 under the laws of the State of California

1. The source of the proposed appropriation is Red Blanket Creek, Middle Fork and South Fork (Name of stream), tributary of Rogue River

2. The amount of water which the applicant intends to apply to beneficial use is 375 cubic feet per second.

3. The use to which the water is to be applied is Development of Hydro-electric power (Irrigation, power, mining, manufacturing, domestic supplies, etc.)

4. The point of division is located (Give distance and bearing to section corner)

See attached sheets

being within the (Give smallest legal subdivision) of Sec. (No. N. or S.), Tp. (No. N. or S.)

R. (No. E. or W.), W. M., in the county of

5. The See attached sheets (Main ditch, canal or pipe line) to be

miles in length, terminating in the (Smallest legal subdivision) of Sec. (No. N. or S.), Tp. (No. N. or S.)

R. (No. E. or W.), W. M., the proposed location being shown throughout on the accompanying map.

6. The name of the ditch, canal or other works is See attached sheets

DESCRIPTION OF WORKS

DIVERSION WORKS—

7. (a) Height of dam feet, length on top feet, length at bottom feet; material to be used and character of construction (Loose rock, concrete, masonry,

See attached sheets rock and brush, timber crib, etc., wasteway over or around dam)

(b) Description of headgate (Timber, concrete, etc., number and size of openings)

* A different form of application is provided where storage works are contemplated. These forms can be secured without charge, together with instructions, by addressing the State Engineer, Salem, Oregon.

CANAL SYSTEM—

8. (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. See attached sheets

(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.

See attached sheets

FILL IN THE FOLLOWING INFORMATION WHERE THE WATER IS USED FOR IRRIGATION—

9. The land to be irrigated has a total area of acres, located in each smallest legal subdivision, as follows: (Give area of land in each smallest legal subdivision which you intend to irrigate)

[Dotted lines for form input]

(If more space required, attach separate sheet)

POWER, MINING, MANUFACTURING, OR TRANSPORTATION PURPOSES—

10. (a) Total amount of power to be developed theoretical horsepower.

(b) Total fall to be utilized feet. (Head)

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

See attached sheets

(d) Such works to be located in of Sec. (Legal subdivision)

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

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

(f) If so, name stream and locate point of return Sec., Tp., R., W. M. (No. N. or S.) (No. E. or W.)

(g) The use to which power is to be applied is

(h) The nature of the mines to be served

APPLICATION FOR A PERMIT
TO APPROPRIATE THE PUBLIC WATERS OF THE STATE OF OREGON

I, THE CALIFORNIA OREGON POWER COMPANY, of Medford, County of Jackson, 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: October 16, 1920, under the laws of California.

1. The source of the proposed appropriation is Red Blanket Creek and South Fork and Middle Fork of Rogue River, tributaries of Rogue River.

2. The amount of water which the applicant intends to apply to beneficial use is 375 cubic feet per second, of which 75 second feet is to be diverted from Red Blanket Creek, 150 second feet from South Fork, and 150 second feet from Middle Fork.

3. The use to which the water is to be applied is Development of Hydro-electric Power.

4. The points of diversion are located as follows:

Red Blanket Creek: S. $52^{\circ} 31'$ East 1480 feet from quarter section corner common to Sections 14 and 23, T. 32 S. R. 3 E. W. M.

South Fork: N. 1500 feet from Section corner common to Sections 12 and 13, T. 33 S. R. 3 E.W.M., and Sections 7 and 18, T. 33 S. R. 4 E.W.M.

Middle Fork: S. $37^{\circ} 30'$ West 930 feet from section corner common to Section 31, T. 32 S. R. 4 E.W.M., Section 36, T. 32 S. R. 3 E.W.M. Section 6, T. 33 S. R. 4 E.W.M., and Section 1, T. 33 S. R. 3 E. W. M.:

being within:

Red Blanket Creek: NW $\frac{1}{4}$ NE $\frac{1}{4}$ Section 23, T. 32 S. R. 3 E. W. M.

South Fork: NE $\frac{1}{4}$ SE $\frac{1}{4}$ Section 12, T. 33 S. R. 3 E.W.M.

Middle Fork: NE $\frac{1}{4}$ NW $\frac{1}{4}$ Section 1, T. 33 S. R. 3 E.W.M.

All in Jackson County, Oregon.

5. The diversion conduit (pipe line and canal) from Red Blanket Creek to be 1.6 miles in length, terminating in SE $\frac{1}{4}$ SW $\frac{1}{4}$ Section 15, T. 32 S. R. 3 E. W. M., in Bar Creek, from which re-diversion is made in NE $\frac{1}{4}$ SE $\frac{1}{4}$ Section 28, T. 32 S. R. 3 E. W. M., into

861(07)

a canal, flume and pipe line one mile in length, terminating at Middle Fork diversion conduit at a point within $SE\frac{1}{4}$ $SE\frac{1}{4}$, Section 29, T. 32 S. R. 3 E. W. M., and thence through Middle Fork conduit and North Fork conduit to Prospect power plant.

The diversion conduit (pipe line and canal) from South Fork to be three (3) miles in length, terminating in $NE\frac{1}{4}$ $NW\frac{1}{4}$ Section 2, T. 33 S. R. 3 E. W. M., at the Middle Fork diversion conduit and thence through Middle Fork conduit and North Fork conduit to Prospect power plant.

The diversion conduit (pipe line and canal) from Middle Fork to be six (6) miles in length, terminating in $NW\frac{1}{4}$ $SW\frac{1}{4}$ Section 29, T. 32 S. R. 3 E. W. M., in North Fork of Rogue River, thence re-diverted into North Fork conduit to Prospect power plant.

The waters of Red Blanket Creek, South and Middle Forks are to be diverted as above and combined with waters of North Fork previously appropriated in a conduit diverting water from the North Fork of Rogue River at a point N. $00^{\circ} 30'$ E. 2,000 feet from Section corner common to Section 29, 30, 31, ^{and 32,} T. 32 S. R. 3 E. W. M., in the $NW\frac{1}{4}$ $SW\frac{1}{4}$ Section 29, Township 32 S. R. 3 E. W. M., and said conduit to be two (2) miles in length, terminating in the $SE\frac{1}{4}$ $NW\frac{1}{4}$ of Section 6, T. 33 S. R. 3 E. W. M., at Prospect power plant. The proposed locations being shown throughout on the accompanying map (No. F-4428).

6. The name of the ditch, canal or other works are: Red Blanket Conduit, South Fork Conduit, Middle Fork Conduit, and North Fork Conduit of Prospect power development.

DESCRIPTION OF WORKS

DIVERSION WORKS--

7. Red Blanket Creek - a.

Height of dam five (5) feet. Length on top one hundred (100) feet, length at bottom one hundred (100) feet; material to be used and character of construction, Timber Crib, rock fill.

Bar Creek - a (1)

Height of dam, five (5) feet; length on top one hundred (100) feet; length at bottom one hundred (100) feet; material to be used and character of construction, timber crib, rock fill.

South Fork - a.

Height of dam, ten (10) feet; length on top one hundred fifty (150) feet; length at bottom one hundred (100) feet; material to be used and character of construction, timber crib, rock fill.

Middle Fork - a.

Height of dam thirty (30) feet; length on top three hundred (300) feet; length on bottom two hundred fifty (250) feet; material to be used and character of construction timber crib, rock fill.

North Fork - a.

Height of dam forty (40) feet; length on top two hundred fifty (250) feet, length at bottom one hundred forty (140) feet; material to be used and character of construction, Gravity concrete, OG spill section with four radial gate openings 26 feet by 14 feet on crest.

b. Description of Headgate.

Headgates in Red Blanket, South and Middle Forks: Timber, single opening direct to conduit. North Fork Headgate, re-inforced concrete, single radial gate opening 9 feet by 16 feet.

CANAL SYSTEM -- 8.

Red Blanket:- a. Width on top (at water line) ten (10) feet; width on bottom five (5) feet, depth of water three (3) feet, grade 1/2 foot fall per 1,000 feet.

b. At one mile from headgate; width on top (at water line) six (6) feet, width on bottom six (6) feet, depth of water 2 1/2 feet, grade 1 foot fall per 1000 feet. Natural bed of Bar Creek is utilized for 1 1/3 miles. Flume, pipe line or canal 1 mile in length, capacity 75 cubic feet per second. Width on top (at water line) ten (10) feet, width on bottom five (5) feet, depth of water three (3) feet, grade 1/2 foot fall per 1,000 feet.

South Fork Canal, pipe and flume, capacity one hundred fifty (150) second feet entire distance to Middle Fork. (a) At headgate-Width on top (at water line) Fourteen and twenty-five hundredths (14.25) feet, width on bottom ten (10) feet, depth of water four and two tenths (4.2) feet, grade six tenths (0.6) feet fall per 1,000 feet.

(b) At 2 1/4 miles from intake 58" I.D. riveted steel pipe.

Middle Fork: Flume, pipe line and canal has a capacity of three hundred (300) cubic feet per second for a distance of 5 1/4 miles; capacity of three hundred seventy-five (375) cubic feet per second for distance of 3/4 mile.

(a) At Headgate: Width on top (at water line) thirteen and six tenths (13.6) feet, width on bottom eight (8) feet, depth of water five and six tenths (5.6) feet, grade sixty five hundredths (0.65) foot fall per 1,000 feet.

(b) At 3 1/2 miles from Headgate 82" I.D. wood stave pipe.

(c) At 5 1/4 miles from Headgate 86" Wood stave pipe.

North Fork: Width on top (at water line) forty six (46) feet, width on bottom sixteen (16) feet, depth of water ten (10) feet, grade 0.65 feet fall per 1000 feet. At 7000 feet from Headgate is a forebay, thence two 8 1/2 foot (I.D.) wood stave pipe lines 3000 feet long from forebay to surge tank, thence two 7 1/2 foot (I.D.) steel penstocks 1000 feet from surge tank to power house.

FILL IN THE FOLLOWING INFORMATION WHERE THE WATER IS USED FOR IRRIGATION--

9. The land to be irrigated has a total area of _____ acres, located in each smallest legal subdivision, as follows: _____ (give area of land in each smallest legal subdivision which you intend to irrigate.)

POWER, MINING, MANUFACTURING OR TRANSPORTATION PURPOSES --

10. a. Total amount of power to be developed at Prospect power plant with waters appropriated from Red Blanket Creek, South and Middle Forks, 25,580 theoretical horsepower.

b. Total fall to be utilized 600 feet.

c. Nature of works by means of which the power is to be developed - hydraulic turbine, electric generator unit.

d. Such works to be located in SE 1/4 NW 1/4 Section 6, T. 33 S. R. 3 E. W. M.,

e. Is water to be returned to any stream? Yes.

f. If so name stream and locate point of return. North Fork of Rogue River in SE 1/4 NW 1/4 Section 6, T. 33 S. R. 3 E. W. M.,

g. The use to which power is to be applied is: General sale and distribution to the public for domestic, industrial and agricultural purposes.

h. The nature of the mines to be served. None.

NOTE: Waters herein appropriated to be mingled with existing appropriation from North Fork of 400 second feet.

Also it is proposed to develop 10,000 theoretical horse power at a point where said South Fork diversion is spilled into Middle Fork for re-diversion to North Fork,

and Prospect Power Plant. Power plant to be located in $SE\frac{1}{4}$ $NW\frac{1}{4}$ of Section 2, T. 33 S. R. 3 E. W. M. Waters diverted from South Fork to be utilized and power to be plant/constructed. Water so used to be re-diverted and used at Prospect plant as outlined above. Fall available 600 feet. Total amount of power to be developed at Middle Fork and at Prospect plant 35,580 theoretical horse power.

MUNICIPAL SUPPLY --

11. To supply the city of _____, County, having a present population of _____, and an estimated population of _____ in 192__.

(Answer questions 12, 13, 14 and 15 in all cases)

12. Estimated cost of proposed works, \$5,500,000.00
13. Construction work will begin on or before April 1, 1928.
14. Construction work will be completed on or before April 1, 1932.
15. The water will be completely applied to the proposed use on or before April 1, 1933.

Duplicate maps of the proposed ditch or other works, prepared in accordance with the rules of the State Engineer, accompany this application.

MUNICIPAL SUPPLY—

11. To supply the city of
..... County, having a present population of
(Name of)
and an estimated population of in 192.....

(Answer questions 12, 13, 14, and 15 in all cases)

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

See attached sheets

Duplicate maps of the proposed ditch or other works, prepared in accordance with the rules of the State Engineer, accompany this application.

(SEAL)

The California Oregon Power Company
(Name of applicant)

P. O. Crawford
Vice-President

Mrs. Field
Secretary

Signed in the presence of us as witnesses:

(1) A. E. Pederson, Medford, Oregon
(Name) (Address of witness)

(2) H. G. Bornley, Medford, Oregon
(Name) (Address of witness)

~~The appropriation contemplated herein is to be combined with waters previously appropriated from North Fork of Rogue River and combined waters are to be utilized at Prospect power plant. Development of inchoate rights at Prospect plant under existing right from North Fork to cost approximately \$3,000,000.00. The total development to cost approximately \$5,500,000.00. Construction work on North Fork conduit, forebay and power house to commence immediately.~~

~~Development of inchoate right from North Fork to proceed in accordance with decreed right of appropriation in matter of Rogue River adjudication proceedings, in Circuit Court of Jackson County, Oregon, to decree in which proceedings, in said Court, reference is hereby made.~~

~~This application is intended to be, and is, a corrected and amended application to supersede applications Numbers 9327, 9328 and 9329.~~

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

This is to certify that I have examined the foregoing application, together with the accompanying maps and data, and return the same for correction or completion, as follows:

In order to retain its priority, this application must be returned to the State Engineer, with corrections, on or before, 192.....

WITNESS my hand this day of, 192.....

STATE ENGINEER.

Application No. 9327, 9328, 9329.

Permit No. 7861

PERMIT TO APPROPRIATE THE PUBLIC WATERS OF THE STATE OF OREGON

District No.

This instrument was first received in the office of the State Engineer at Salem, Oregon,

on the 5th day of January,

1924, at 9:30 o'clock A.M.

Returned to applicant for correction:

Corrected application received:

Approved:

April 23rd, 1927

Recorded in Book No. 26 of Permits, on page 7861

R H E A L U P E R

STATE ENGINEER.

1 map ACFP

\$1853.00

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

This is to certify that I have examined the foregoing application and do hereby grant the same, subject to the following limitations and conditions: If for irrigation, this appropriation shall be limited to one-eightieth of one cubic foot per second, or its equivalent, for each acre irrigated, and shall be subject to such reasonable rotation system as may be ordered by the proper state officer.

The right herein granted is limited to the appropriation of water from Red Blanket Creek, Middle Fork and South Fork, tributaries of Rogue River, for development of 35,580 theoretical horsepower.

The amount of water appropriated shall be limited to the amount which can be applied to beneficial use and not to exceed 75.0 cubic feet per second, or its equivalent in case of rotation. The priority date of this permit is January 5, 1924 from Red Blanket Creek from South Fork and from Middle Fork

Actual construction work shall begin on or before April 23, 1928 and shall thereafter be prosecuted with reasonable diligence and be completed on or before June 1, 1932

Complete application of the water to the proposed use shall be made on or before October 1, 1932

WITNESS my hand this 23rd day of April, 1927

R H E A L U P E R

STATE ENGINEER.

Permits for power development are subject to the limitation of franchise as provided in Section 5728, Oregon Laws, and the payment of annual fees as provided in Section 5803, Oregon Laws.