

Application No. 553

APPLICATION FOR A PERMIT

To appropriate Unappropriated Waters of the State of California
FOR AGRICULTURAL PURPOSES

I, Southern Pacific Land Company

(Name of Applicant)

of _____ City and _____ County of San Francisco

(Post Office)

State of California, do hereby make application for a permit to appropriate the following

3. The use to which the water is to be applied is irrigation of land of Southern Pacific Land Company as follows:

✓ 14	acres in the	NW $\frac{1}{4}$	of SW $\frac{1}{4}$	Sec 32,	T 2 S,	R 2 E,	SB.M.	.070	second feet.
✓ 21	"	NE $\frac{1}{4}$	"	"	"	"	"	.105	" "
✓ 24	"	SW $\frac{1}{4}$	"	"	"	"	"	.120	" "
✓ 33	"	SE $\frac{1}{4}$	"	"	"	"	"	.165	" "
✓ 32	"	SE $\frac{1}{4}$	NE $\frac{1}{4}$	"	5	3	"	.160	" "
✓ 32	"	NW $\frac{1}{4}$	NW $\frac{1}{4}$	"	9	"	"	.160	" "
✓ 20	"	NE $\frac{1}{4}$	"	"	"	"	"	.100	" "
✓ 40	"	SW $\frac{1}{4}$	"	"	"	"	"	.200	" "
✓ 26	"	SE $\frac{1}{4}$	"	"	"	"	"	.130	" "
✓ 80	"	N $\frac{1}{2}$	NE $\frac{1}{4}$	"	"	"	"	.400	" "
✓ 28	"	SW $\frac{1}{4}$	"	"	"	"	"	.140	" "
✓ 40	"	SE $\frac{1}{4}$	"	"	"	"	"	.200	" "
✓ 160	"	SW $\frac{1}{4}$	"	"	"	"	"	.800	" "
<u>550</u>								<u>2.750</u>	" "

near the _____

6. The name of the ditch, canal or other works is (no name). There is now existing and in constant use pipe line along said route, conducting .15 cubic feet of water per second heretofore developed from springs in said Section 32, and now and heretofore continuously used for irrigation of lands of Southern Pacific Land Company.

This application also contemplates a branch line of 1400 linear feet of 2 $\frac{1}{2}$ inch pipe from said main line in the NW $\frac{1}{4}$ of the NE $\frac{1}{4}$ of Section 5, Township 3 South, Range 2 East, San Bernardino Meridian, to the SE $\frac{1}{4}$ of the NE $\frac{1}{4}$ of said Section 5, to be there used for irrigation.

DESCRIPTION OF WORKS.

DIVERSION WORKS -

(Same as accompanying application of Southern Pacific Company and Southern Pacific Railroad Company.)

7. The dam proposed to be constructed at point of diversion will be submerged concrete weir 400 feet long at both top and bottom. The top will be approximately level with the bottom of the wash and the weir will be carried down below this point an estimated depth of ten feet into the impervious strata underlying stream bed. Proposed weir will not affect any pondage but will serve solely to cut off percolating waters below bed of stream.

Flood waters will pass over weir and no spillway will be required or provided.

Intake box will be of concrete 1-1/2 x 1-1/2 x 3 ft, provided with screen and grating over top, It will be located immediately back of and approximately 70 feet east of the west end of weir and will serve as the inlet to an eight inch pipe, provided with gate valve, as shown on accompanying map S-3053.

Total effective head from point of diversion of termination is 640 feet

For full information regarding the filling out and filing of this form send for Rules and Regulations of the Commission governing appropriation of water.

Application No. 553

APPLICATION FOR A PERMIT

To Appropriate Unappropriated Waters of the State of California
FOR AGRICULTURAL PURPOSES

I, Southern Pacific Land Company

(Name of Applicant)

of _____ City and _____ County of San Francisco,
(Post Office)

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

If the applicant is a corporation, give date and place of incorporation incorporated under laws of State of California, February 1, 1912.

1. The source of the proposed appropriation is springs and percolating waters on land of Southern Pacific Land Co. in Millard Canyon, also known as Cold Creek near Cabazon, Riverside County, tributary of no other stream.

2. The amount of water which the applicant intends to apply to beneficial use is 2.75 second feet, of which amount .15 second feet is now and for many years has been used by S.P. Land Co. and its lessees for irrigation. cubic feet per second.

3. The use to which the water is to be applied is irrigation of land of S.P. Land Co. as follows:

4. The point of diversion is located near center of Section 32, T 2 S, R 2 E, S.B.M. said point being north 39° 53' E 3350.0 feet from the SW corner of said Section 32, as shown on the accompanying map S-2162, said point being also at or near the westerly end of Applicant's proposed dam, or weir, detail of which is shown on the accompanying map S-3053,
in the NE 1/4 of the SW 1/4 of said Section 32.
(Give smallest legal subdivision not to exceed 40 acres)

of Sec. _____ Tp. _____ R. _____, M., in the county of _____
5. The main pipe line is now and is to be 2.81+ miles in length, terminating at Cabazon Station in the NE 1/4 of the NW 1/4 of Sec. 16,
(Main ditch, canal or pipe line)
(Smallest legal subdivision)
Tp. 3 S, R. 2 E, M.D.M., the proposed location being shown throughout on the accompanying map.

6. The name of the ditch, canal or other works is (no name)

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

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

Note.—In case of insufficient space for answers in form attach extra sheets.

8. Estimated cost of work is as follows:

Concrete weir 500 c.y. In place incl. excavation and backfill,	\$ 5500.00
8310 lin ft 8" pipe laid, including trenching backfill and trimmings at \$1.25	10387.00
4892 lin ft 6" pipe laid, including trenching backfill and trimmings at .75	3669.00
1400 lin ft 2-1/2" pipe, laid, including trenching, backfill and trimmings at .30	420.00
5705 lin ft 5" W.I. pipe laid, including trenching, backfill, valves and fittings at .60	3423.00
Lateral ditches for 550 acres at \$2	1100.00
Supervision and tools 10%	2107.00
Contingencies 10%	2107.00
	<u>28713.00</u>
Estimated value salvage to be recovered from existing pipe line	2313.00
Total estimated cost	<u>\$26400.00</u>

This estimate includes diversion and distribution works of Southern Pacific Railroad Company and Southern Pacific Company, whose application from the same source of supply is made coincidentally with this.

Work will be begun within three years and completed within five years from date of permit. Total amount of water appropriated will be completely applied to proposed use within five years from date of permit.

9. This application is made in conjunction with a separate application for railroad use on behalf of Southern Pacific Railroad Company and Southern Pacific Company, filed coincidentally with this application of Southern Pacific Land Company. Said water for railroad purposes is to be used at Cabazon Station in the NE $\frac{1}{4}$ of the NW $\frac{1}{4}$ of Section 16, Township 3 South, Range 2 East, San Bernardino Meridian. For many years heretofore .38 second feet of water have been developed, of which amount .23 second feet during said period have been used by Southern Pacific Railroad Company and Southern Pacific Company for railroad purposes at Cabazon, the remaining .15 second feet have been used by applicant for irrigation. The additional appropriation contemplated by the application of Southern Pacific Railroad Company and Southern Pacific Company is .545 second feet, making a total of .775 second feet for railroad use, and 2.75 second feet for irrigation by this applicant, or a total, including water heretofore developed and that to be developed, of 3.525 cubic feet per second. The diversion works herein proposed and a portion of the distributing system are to be constructed and used jointly by said applicants.

10. The land to be irrigated has a total area of 550 acres, located in each tract as given in subdivision 3, supra.

11. Irrigation will begin about February and end about November of each year.

12. It is understood and agreed that this application and the permit and license which may be granted hereunder shall be subject to all the conditions set forth in Section 20 of the Water Commission Act (Statutes 1913, Chapter 586), which is as follows: