

Santa Rosa Dam and Santa Rosa Lake

OWNER

W. T. Waggoner Estate.

ENGINEER (Design)

Hawley and Freese for original dam.
Biggs & Mathews for 1965 repairs.

LOCATION

On Beaver Creek in Wilbarger County, 15 miles south of Vernon.

DRAINAGE AREA

336 square miles.

DAM

Type	Earthfill
Length	2,400 ft
Height	41 ft
Top width	15 ft
Top elevation	1,178 ft above msl

SPILLWAY (emergency)

Location	South of the dam
Type	Concrete overflow weir
Crest length	200 ft
Crest elevation	1,168 ft above msl

OUTLET WORKS

Location	Near center of dam
Type	Concrete conduit
Control	Slide gate

STATE AUTHORIZATION

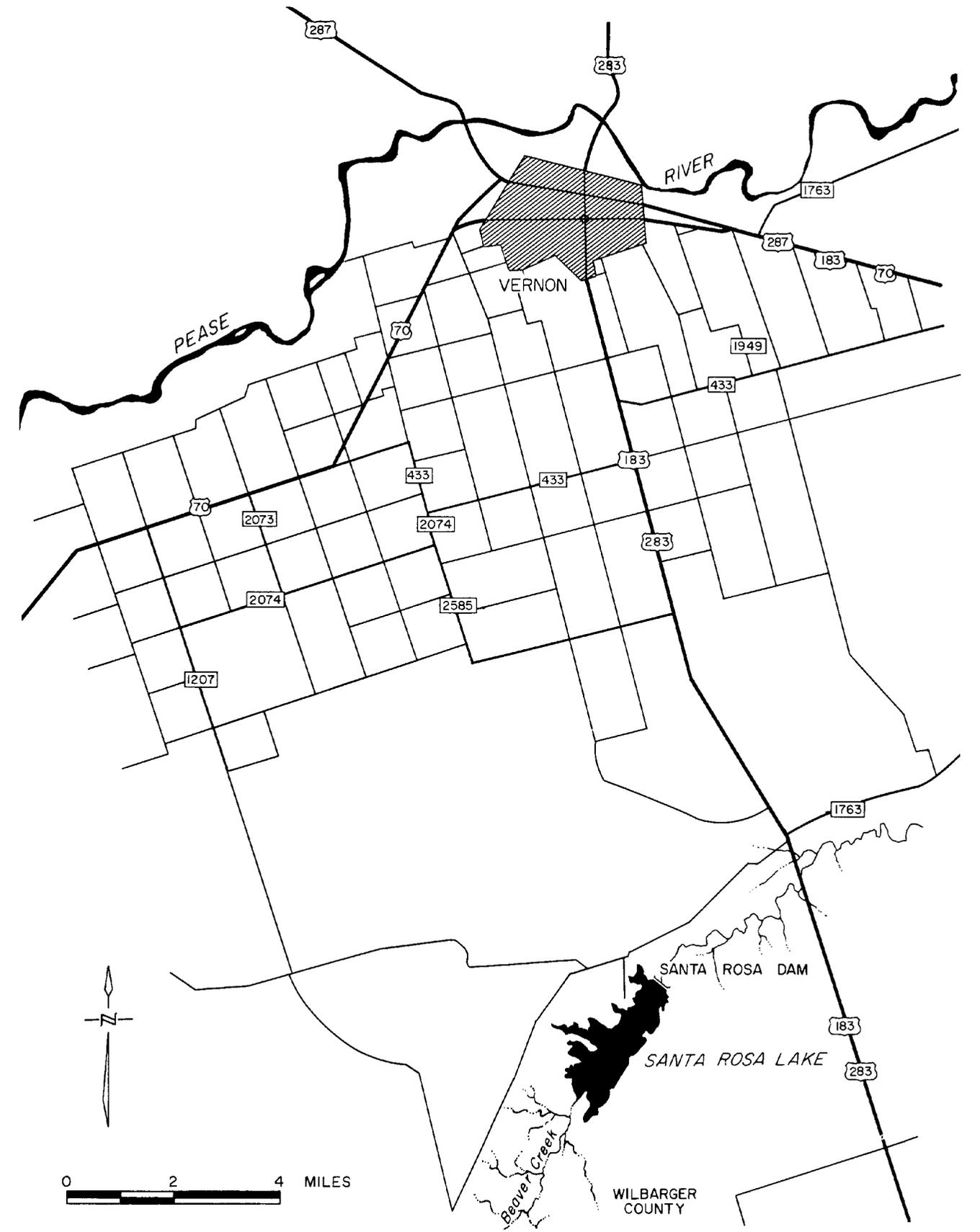
Permit No. 976 (Application No. 1043), November 4, 1927, authorizes a dam to impound 75 acre-feet of water.
Permit No. 1124 (Application No. 1198), August 15, 1929, authorizes a new dam to impound 7,000 acre-feet of water with annual use of 3,000 acre-feet for stock raising and mining.

RESERVOIR DATA

Capacity	11,570 acre-feet at elevation 1,167.0 ft above msl
Area	1,500 acres at elevation 1,167.0 ft above msl
The water used is pumped direct from the lake.	

GENERAL

Construction started	1929
Dam completed	1929
General contractor	W. T. Waggoner Estate
Estimated cost of the dam	\$88,338



Information courtesy of the W.T. Waggoner Estate