SQUAW CREEK DAM AND RESERVOIR (PROPOSED)

OWNER

Dallas Power and Light, Texas Electric Service Co. and Texas Power and Light

ENGINEER

Freese, Nichols and Endress

LOCATION

Approximately 4 miles north of Glen Rose

DRAINAGE AREA

64 square miles

DAM

Type	Earthfill
Length	4,700 feet
Maximum Height	158 feet
Top Width	20 feet
Top Elevation	796.0 feet msl

SPILLWAY - Service

Type	Broadcrested weir
Crest Control	None
Crest Elevation	775.0 feet msl
Crest Length	100 feet

SPILLWAY - Emergency

Type	Broadcrest earth
Crest Elevation	783.0 feet msl
Crest Length	2,200 feet

OUTLET - Service

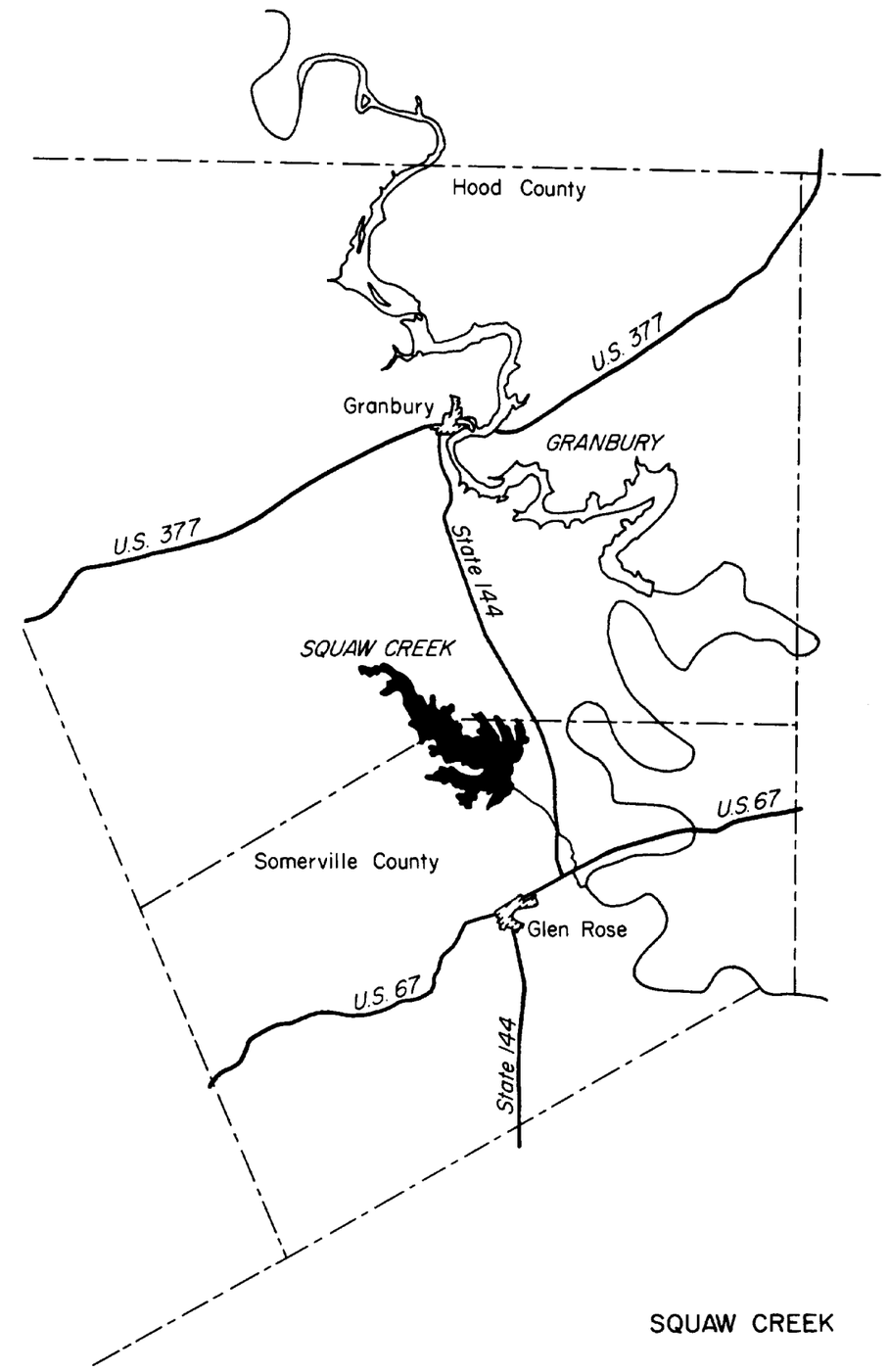
Type	Gated tower
Conduit	36-inch diameter pipe inside a 10 foot diameter conduit
Low flow crest	657.0 feet msl

RESERVOIR DATA

Feature	Elevation (ft above msl)	Capacity (acre-feet)	Area (acres)
Max. water level	791.6		
Emergency spillway elevation	783.0	180,000	3,640
Normal water elevation	775.0	151,047	3,228

INFORMATION OBTAINED FROM

Application plans held by Texas Water Rights Commission prepared by Freese, Nichols and Endress, dated November 10, 1972



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