

WELSH DAM AND WELSH RESERVOIR

OWNER

Southwest Electric Power Co.

ENGINEER

Freese, Nichols and Endress

LOCATION

On Swauano Creek approximately 5 miles west of Daingerfield.

DRAINAGE AREA

21.2 square miles

DAM

Type	Rolled embankment
Length	4,904 feet
Maximum height	63 feet
Top width	20 feet
Top elevation	335.0 feet msl

SPILLWAY (Service)

Type	Morning glory
Crest	320.0 feet msl
Outlet	7 foot square conduit

SPILLWAY (Emergency)

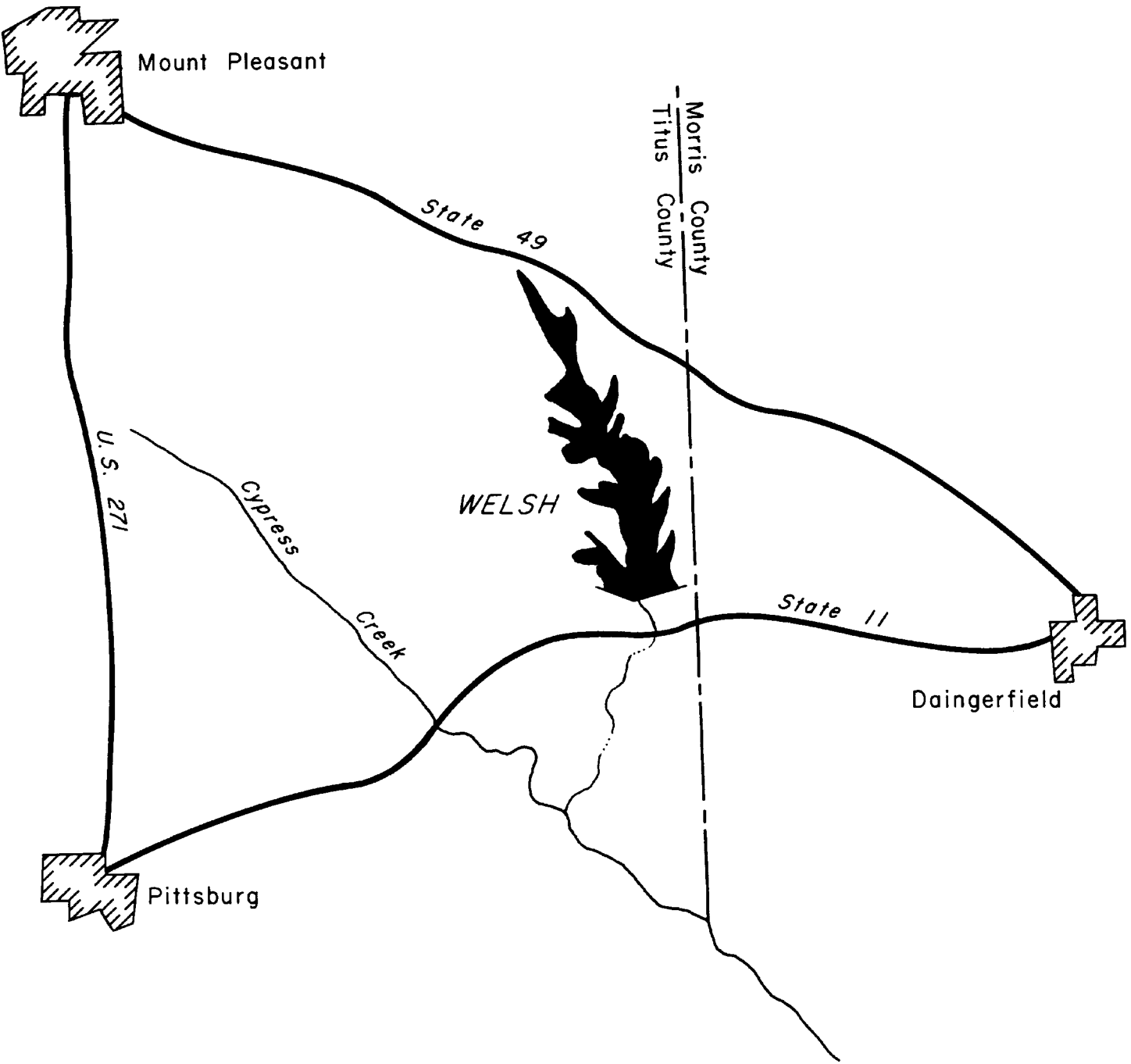
Type	Broadcrested
Length	1,500 feet
Crest	326.0 feet msl

RESERVOIR DATA

Feature	Elevation (ft. above msl)	Capacity (acre-feet)	Area (acres)
Top of dam	335.0		
Maximum design water surface	330.7	40,600	1,880
Top of conservation pool	320.0	23,590	1,365

INFORMATION OBTAINED FROM

Application plans prepared by Freese, Nichols and Endress and held by Texas Water Rights Commission.



WELSH