

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)

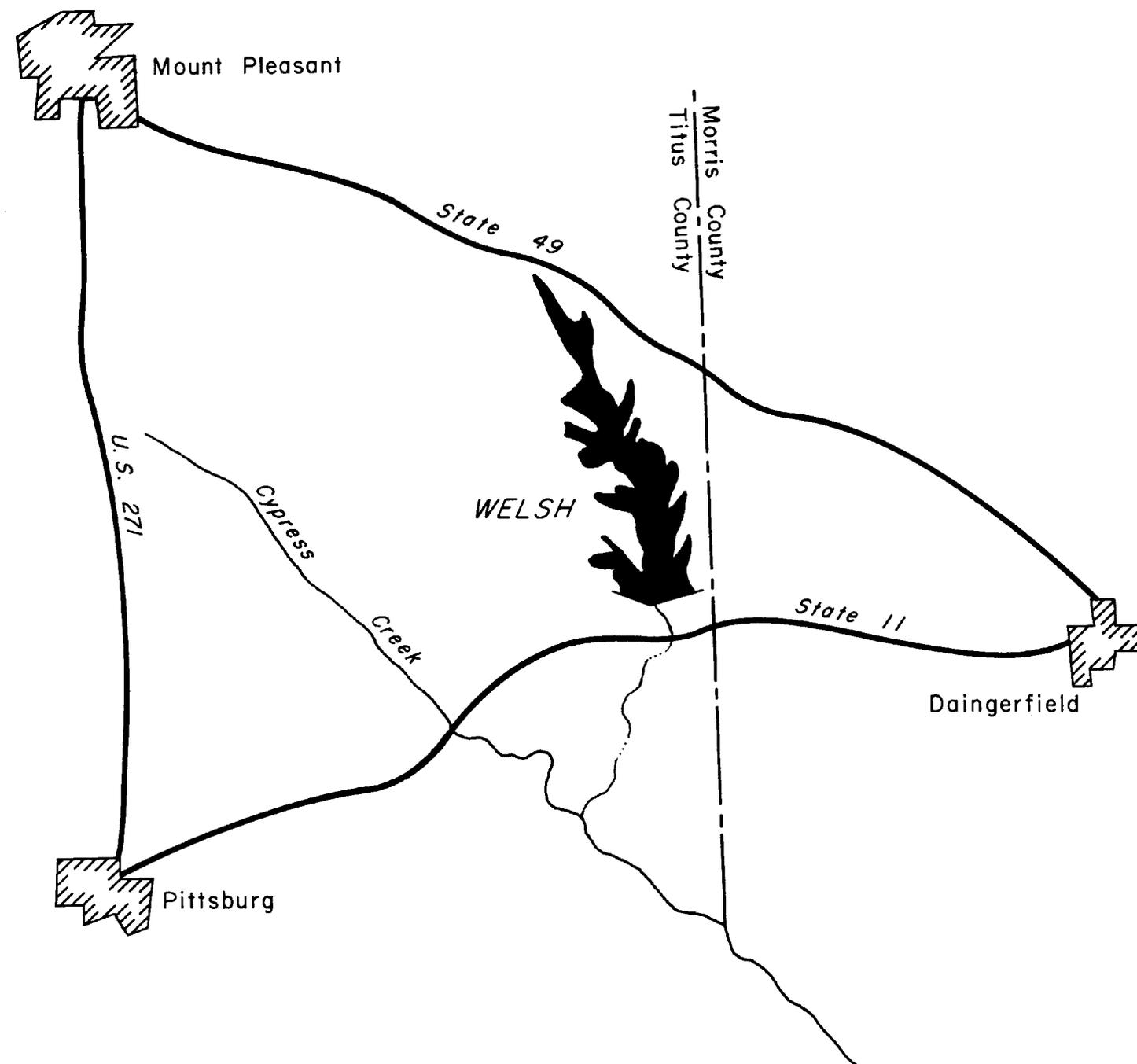
Type Broadcrested  
 Length 1,500 feet  
 Crest 326.0 feet msl

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