

**Pat Mayse Dam and Pat Mayse Lake**

**OWNER**

The U.S. Government. Operated by the U.S. Army Corps of Engineers, Tulsa District.

**ENGINEER**

U.S. Army Corps of Engineers, Tulsa District.

**LOCATION**

On Sanders Creek in Lamar County, 2 miles southwest of Arthur City, and 12 miles north of Paris.

**DRAINAGE AREA**

175 square miles.

**DAM**

Type	Earthfill
Length	7,080 ft
Maximum height	96 ft
Top width	32 ft

**SPILLWAY**

Type	Excavated channel
Control	None
Invert elevation	477.0 ft above msl
Crest length	100 ft

**OUTLET WORKS**

Type	Morning glory drop inlet with 7.25-ft diameter conduit
Control	None
Crest elevation	451.0 ft above msl
Low flow inlet elevation	407.0 ft above msl

**AUTHORIZATION**

Federal: Flood Control Act October 23, 1962.  
 State: Permit No. 2137 (Application No. 2363), January 25, 1965, to the City of Paris authorizes annual diversion of 36,600 acre-feet water for industrial use and 25,000 acre-feet for municipal use.

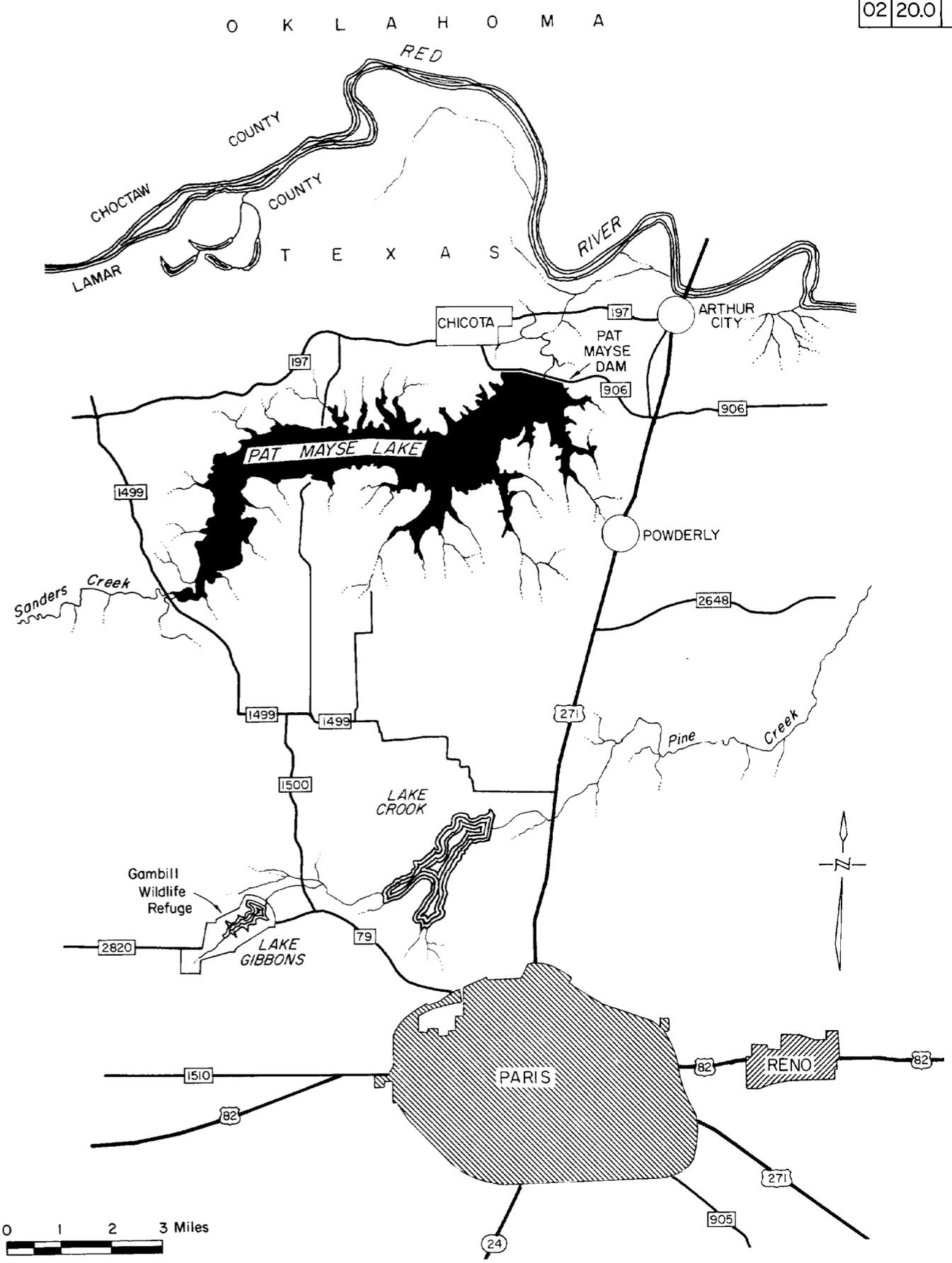
**RESERVOIR DATA**

FEATURE	ELEVATION (FEET ABOVE MSL)	CAPACITY (ACRE-FEET)	AREA (ACRES)
Top of dam	488.5	-	-
Top of flood control pool	460.5	189,100	7,680
Top of conservation pool	451.0	124,500	5,993
Bottom of conservation pool	415.0	4,600	996
Usable conservation storage	-	119,900*	-

\* Includes 10,300 acre-feet of silt reserve after 100 years.

**GENERAL**

Construction started	March 9, 1965
Dam completed	September 1967
Impoundment of water began	September 28, 1967
Project cost	\$9,000,000



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Information courtesy of the U.S. Army Corps of Engineers, Tulsa District