

**De Cordova Bend Dam and Lake Granbury**

**OWNER**

The Brazos River Authority.

**ENGINEER (Design)**

Ambursen Engineering Corporation.

**LOCATION**

On the Brazos River in Hood County, 8 miles southeast of Granbury.

**DRAINAGE AREA**

24,691 square miles, of which 9,240 square miles is probably noncontributing.

**DAM**

Type	Ambursen-type concrete and earthfill
Length	2,200 ft
Height	84 ft
Top width	17 ft

**SPILLWAY**

Type	Gate-controlled ogee weir
Control	16 tainter gates, each 36 by 35 ft
Crest elevation	658.0 ft above msl
Length (net)	576 ft

**OUTLET WORKS**

Type	Concrete sluiceway
Invert elevation	640.0 and 652.0 ft above msl
Control	Sluice gates

**POWER GENERATING FEATURES**

No hydroelectric units will be installed. Water will be made available to Texas Power and Light Company for use in a thermal-electric generating plant.

**STATE AUTHORIZATION**

Permit No. 2111 (Application No. 2312), July 24, 1964, allows construction of a dam to create a reservoir with capacity of 155,000 acre-feet with annual diversion of 10,000 acre-feet of water for municipal use, 70,000 acre-feet of water for industrial use, and 20,000 acre-feet of water for irrigation.

**RESERVOIR DATA (Based on survey by design engineers)**

FEATURE	ELEVATION (FEET ABOVE MSL)	CAPACITY (ACRE-FEET)	AREA (ACRES)
Top of dam	706.5	-	-
Top of gates	693.0	153,500	8,700
Spillway crest	658.0	15,440	1,300
Streambed	622.5	-	-

**GENERAL**

Construction started	December 15, 1966
Dam completed	August 30, 1969
Impoundment of water began	September 15, 1969
General contractor	H. B. Zachry Company
Estimated cost of the dam	\$7,800,000

