

**Balmorhea Dam and Lake Balmorhea**

**OWNER**

Reeves County Water Improvement District Number 1.

**ENGINEER (Design)**

Revised irrigation system - U. S. Bureau of Reclamation.

**LOCATION**

On or adjacent to Sandia Creek in Reeves County, 3 miles southeast of Balmorhea.

**DRAINAGE AREA**

22 square miles including Sandia Creek and Madera Canal drainage.

**DAM**

Type	Earthfill
Length	4,000 ft
Height	46 ft
Crest elevation	3,192.0 ft above msl

**SPILLWAY**

Type	Country
Location	Right end of dam

**OUTLET WORKS**

Type	Conduit near left end
Size	4 by 5 ft
Control	Sluice gate

**STATE AUTHORIZATION**

Permit No. 57 (Application No. 60) March 6, 1915, allocates 41,400 acre-feet of water annually to irrigate 13,800 acres of land. This includes prior Certified Filings.

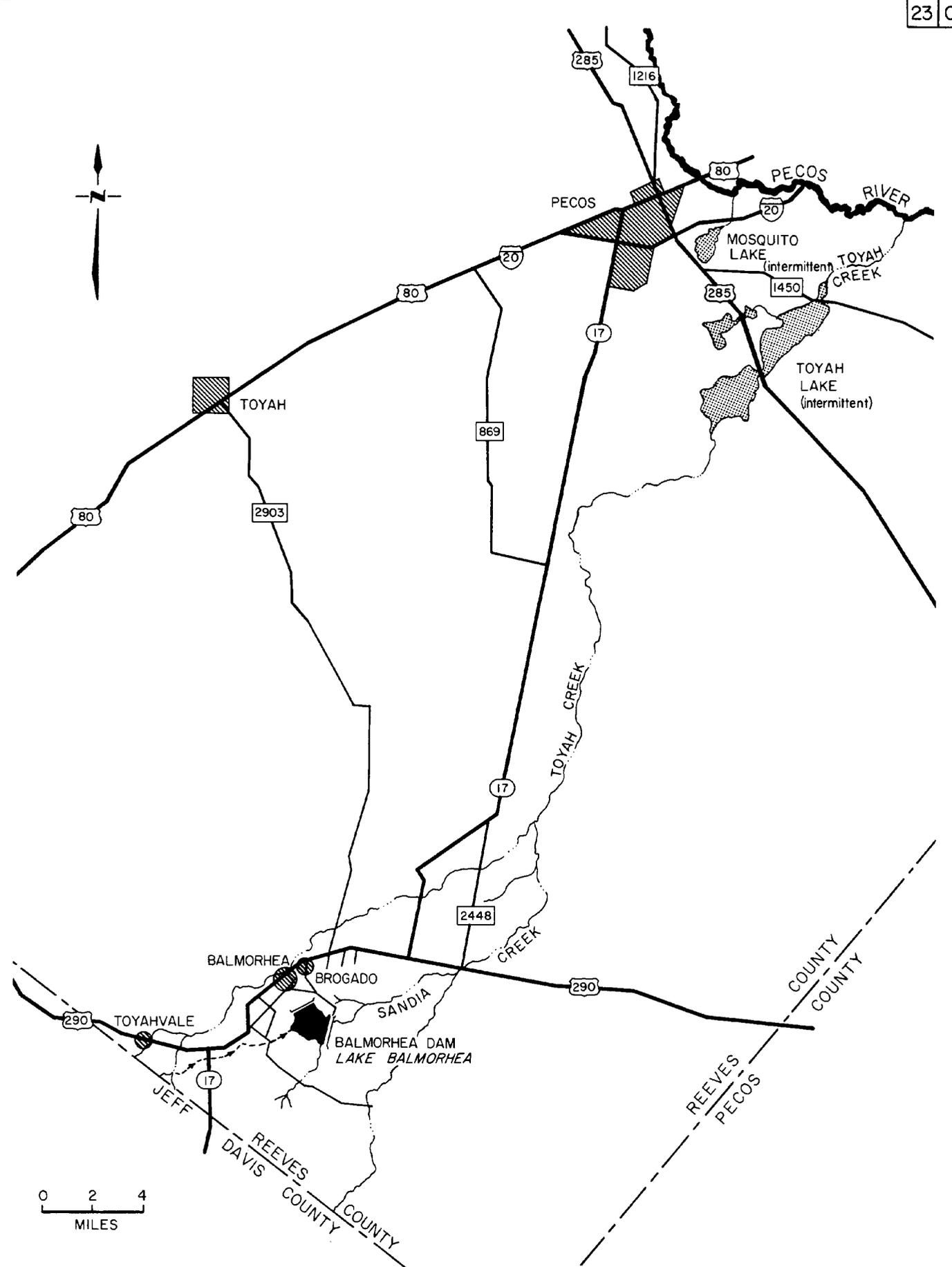
Permit No. 1392 (Application No. 1491) October 2, 1946, clarifies early water rights.

**RESERVOIR DATA (Present capacity based on 1948 U.S. Bureau of Reclamation Survey)**

FEATURE	ELEVATION (FEET ABOVE MSL)	CAPACITY (ACRE FEET)	AREA (ACRES)
Top of dam	3,192.0	-	-
Operating level (original)	3,187.0	7,707	573
Operating level (1948)	3,187.0	6,350	573

**GENERAL**

Construction started	1916
Dam completed	1917
Impoundment of water began	1917
General contractor	L. B. Westerman
Estimated cost of dam	\$121,710



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