

Rita Blanca Dam and Rita Blanca Lake

OWNER

U.S. Department of Agriculture, Soil Conservation Service.
 Operated by the U.S. Department of Interior, Fish and Wildlife Service.
 Operated by Dallam and Hartley Counties since 1958.

ENGINEER (Design)

U.S. Department of Agriculture, Soil Conservation Service.

LOCATION

On Rita Blanca Creek in Hartley County, 2 miles south of Dalhart.

DRAINAGE AREA

1,062 square miles.

DAM

Type	Earthfill
Length	2,880 ft includes the spillway
Maximum height	75 ft
Top width	26 ft
Top elevation	3,880 ft above msl

SPILLWAY (emergency)

Location	Right end of the dam
Type	Natural channel
Crest length	600 ft±
Crest elevation	3,870 ft above msl

SPILLWAY (service) 1958 construction

Location	Between two sections of embankment
Type	Uncontrolled concrete
Crest length	191.5 ft
Crest elevation	3,860 ft above msl

OUTLET WORKS

Type	Gated concrete tower
Outlet	Concrete conduit, 5 by 4 ft
Invert elevation (low outlet)	3,810.0 ft above msl
This lower gate is reported closed because of silt accumulation.	

STATE AUTHORIZATION

Permit No. 1267 (Application No. 1355), September 26, 1938, authorizes storage of 12,100 acre-feet of water and use of this amount for recreation purposes.

RESERVOIR DATA

Capacity	12,100 acre-feet at elevation 3,860.0 ft above msl
Area	524 acres at elevation 3,860.0 ft above msl

GENERAL

Construction started	1938
Project completed	1939
Impoundment began	Flood of September 1941

