

Historic American Engineering Record
Index to Photographs and Reduced Drawings

GRANITE REEF DIVERSION DAM
Salt River
Mesa Vicinity
Maricopa County
Arizona

HAER No. AZ-51

Images AZ-51-1, AZ-51-8 through AZ-51-18, AZ-51-20 through AZ-51-33, AZ-51-38, AZ-51-39, AZ-51-41 through AZ-51-47 are photocopies of historic images. Images AZ-51-5, AZ-51-7, AZ-51-19, AZ-51-34, AZ-51-37, AZ-51-48 through AZ-51-54 were taken by Salt River Project (SRP) photographers on 4" x 5" negatives. Drawings AZ-51-2 through AZ-51-4, AZ-51-6, AZ-51-35, AZ-51-36, AZ-51-40 are photographs of reduced drawings on 8" x 10" negatives. *are historic images that*

- AZ-51-1 ARIZONA DAM, FACING EAST.
Photographer: "N.W.C.," c. 1902.
Source: SRP Research Archives.
- AZ-51-2 PROPOSED PLAN OF THE GRANITE REEFS DIVERSION DAM
AND HEADWORKS FOR THE ARIZONA CANAL, USRS, 1907.
Source: *Fifth Annual Report of the U.S. Reclamation Service, 1906-07.*
- AZ-51-3 PROPOSED PLAN OF HEADWORKS FOR ARIZONA CANAL
AT NORTH END OF GRANITE REEF DAM.
Source: *Fifth Annual Report of the U.S. Reclamation Service, 1906-07.*
- AZ-51-4 SECTIONS OF PROPOSED GRANITE REEF DAM AT HEAD OF
ARIZONA CANAL, SALT RIVER PROJECT, USRS, 1907.
Source: *Fifth Annual Report of the U.S. Reclamation Service, 1906-07.*
- AZ-51-5 GRANITE REEF BEDROCK. NORTH VIEW OF DAM AND
NORTH INTAKE STRUCTURES.
Photographer: James Eastwood, March 1998.
Source: SRP Research Archives.
- AZ-51-6 OPERATING MECHANISM FOR SLUICE GATES, GRANITE
REEF DAM, SALT RIVER PROJECT, ARIZONA.
Source: *Fifth Annual Report of the U.S. Reclamation Service 1906-07.*
- AZ-51-7 SOUTHWEST VIEW OF SOUTH INTAKE STRUCTURE.
Photographer: James Eastwood, March 1998.
Source: SRP Research Archives.

- AZ-51-8 CEMENT STORAGE BUILDING AT GRANITE REEF CAMP.
Photographer: Walter J. Lubken, September 5, 1906.
Source: SRP Research Archives.
- AZ-51-9 TENT CONSTRUCTION AT GRANITE REEF.
Photographer: Walter J. Lubken, December 19, 1906.
Source: SRP Research Archives.
- AZ-51-10 INTERIOR OF USRS STORE AND TOOL ROOM, GRANITE REEF.
Photographer: Walter J. Lubken, December 19, 1906.
Source: SRP Research Archives.
- AZ-51-11 POWERHOUSE AND SHOPS.
Photographer: J. M. Miller, May 24, 1907.
Source: SRP Research Archives.
- AZ-51-12 WEST END OF GRANITE REEF CAMP (LEFT HALF OF PANORAMA).
Photographer: J. M. Miller, September 29, 1907.
Source: SRP Research Archives.
- AZ-51-13 EAST END OF GRANITE REEF CAMP (RIGHT HALF OF PANORAMA).
Photographer: J. M. Miller, September 29, 1907.
Source: SRP Research Archives.
- AZ-51-14 TWO-WING DINING HALL, GRANITE REEF CAMP.
Photographer: Walter J. Lubken, February 18, 1907.
Source: SRP Research Archives.
- AZ-51-15 ELECTRIC CAR LINE BETWEEN QUARRY AND DAM AT GRANITE REEF.
Photographer: Walter J. Lubken, December 31, 1907.
Source: SRP Research Archives.
- AZ-51-16 FOOTBRIDGE 200' BELOW GRANITE REEF DAMSITE.
Photographer: Walter J. Lubken, November 18, 1906.
Source: SRP Research Archives.
- AZ-51-17 STONE HANDWORK ON SOUTH LEVEE.
Photographer: [W. J. Lubken, November-December, 1907?].
Source: SRP Research Archives.

- AZ-51-18 SOUTH SLUICeway.
Photographer: Walter J. Lubken, December 31, 1907.
Source: SRP Research Archives.
- AZ-51-19 DETAIL OF GRANITE ROCK IN CONCRETE DAM WALL.
Photographer: James Eastwood, March 1998.
Source: SRP Research Archives.
- AZ-51-20 CABLEWAY CARRIER.
Photographer: Walter J. Lubken, March 25, 1907.
Source: SRP Research Archives.
- AZ-51-21 PANORAMA OF CABLE TOWER WITH CARS IN OPERATION;
FOOTBRIDGE TO LEFT.
Photographer: J. M. Miller, October 30, 1907.
Source: SRP Research Archives.
- AZ-51-22 EIGHTEEN-MULE TEAM HAULING LIDGERWOOD CABLE
TO GRANITE REEF DAMSITE.
Photographer: J. M. Miller, April 29, 1907.
Source: SRP Research Archives.
- AZ-51-23 SOUTH INTAKE GATES.
Photographer: Walter J. Lubken, December 15, 1907.
Source: SRP Research Archives.
- AZ-51-24 TOP OF SOUTH INTAKE GATES.
Photographer: Walter J. Lubken, December 15, 1907.
Source: SRP Research Archives.
- AZ-51-25 "MONSTER TOWER" AT MIXING OPERATION SITE.
Photographer: Walter J. Lubken, October 31, 1907.
Source: SRP Research Archives.
- AZ-51-26 COFFER DAM EXCAVATION.
Photographer: J. M. Miller, September 29, 1907.
Source: SRP Research Archives.
- AZ-51-27 APRON CONSTRUCTION.
Photographer: Walter J. Lubken, December 15, 1907.
Source: SRP Research Archives.

- AZ-51-28 VIEW SHOWING TWO MAIN DAM CURTAIN WALLS, APRON, AND SOUTH INTAKE.
Photographer: Walter J. Lubken, January 28, 1908.
Source: SRP Archives.
- AZ-51-29 ELECTRIC LINE TO DAM CONVERTED TO MANUAL CAR OPERATION.
Photographer: J. M. Miller, June 2, 1908.
Source: SRP Research Archives.
- AZ-51-30 CROSS-SECTION OF MASONRY DAM.
Photographer: J. M. Miller, May 2, 1908.
Source: SRP Research Archives.
- AZ-51-31 MID-RIVER SECTION OF TIMBER FORMS NEXT TO COMPLETED SECTION.
Photographer: J. M. Miller, May 2, 1908.
Source: SRP Research Archives.
- AZ-51-32 PANORAMA OF DAM WALL, INCLUDING AZ-51-31.
Photographer: J. M. Miller, May 2, 1908.
Source: SRP Research Archives.
- AZ-51-33 GOVERNOR KIBBEY'S OPENING CEREMONIES, GRANITE REEF DAM.
Photographer: Walter J. Lubken, June 13, 1908.
Source: SRP Research Archives.
- AZ-51-34 SOUTH GATEKEEPER'S RESIDENCE.
Photographer: James Eastwood, March 1998.
Source: SRP Research Archives.
- AZ-51-35 REPAIRS TO NORTH SLUICeway, MAY 17, 1916.
USRS, F. E. Weymouth, Chief of Construction.
Source: *SRVWUA Annual History*, 1916.
- AZ-51-36 REPAIRS TO APRON, MAY 17, 1916.
USRS, F. E. Weymouth, Chief of Construction.
Source: *SRVWUA Annual History*, 1916.
- AZ-51-37 TRAINING WALL ON NORTH SLUICeway.
Photographer: James Eastwood, March 1998.
Source: SRP Research Archives.

- AZ-51-38 APRON REPAIRS AFTER 1919 FLOOD.
Photographer: Unknown, January 21, 1920.
Source: SRP Research Archives.
- AZ-51-39 APRON REPAIRS AFTER 1919 FLOOD.
Photographer: Unknown, January 30, 1920.
Source: SRP Research Archives.
- AZ-51-40 DAMAGE AND REPAIRS TO APRON IN FLOOD, NOVEMBER
27, 1919.
SRVWUA Engineering Department.
Source: SRVWUA *Annual History, 1919-1920*.
- AZ-51-41 APRON REPAIRS AFTER 1919 FLOOD.
Photographer: Unknown, February 17, 1920.
Source: SRP Research Archives.
- AZ-51-42 COLLAPSIBLE STEEL FLASHGATES.
Photographer: Unknown, March 1928.
Source: SRP Research Archives.
- AZ-51-43 COLLAPSIBLE STEEL FLASHGATES.
Photographer: Unknown, March 1928.
Source: SRP Research Archives.
- AZ-51-44 FLOODWATERS 5.5' OVER DAM, MARCH 3, 1938.
Photographer: Unknown.
Source: SRP Research Archives.
- AZ-51-45 AERIAL PHOTOGRAPH OF SILTATION AND VEGETATIVE
GROWTH ABOVE DAM.
Photographer: Unknown, November 4, 1949.
Source: SRP Research Archives.
- AZ-51-46 CLEARING CHANNEL ON UPSTREAM FACE OF DAM CREST.
Photographer: Unknown, 1950s.
Source: SRP Research Archives.
- AZ-51-47 PANORAMA OF DAMSITE WITH DREDGING OPERATION.
Photographer: Unknown, 1950s.
Source: SRP Research Archives.

- AZ-51-48 KATY PICKERELL DREDGE.
Photographer: James Eastwood, March 1998.
Source: SRP Research Archives.
- AZ-51-49 NORTH SLUICeway RADIAL GATES.
Photographer: James Eastwood, March 1998.
Source: SRP Research Archives.
- AZ-51-50 TOP OF NORTH INTAKE GATES.
Photographer: James Eastwood, March 1998.
Source: SRP Research Archives.
- AZ-51-51 REPAIRS TO APRON.
Photographer: James Eastwood, 1996.
Source: SRP Research Archives.
- AZ-51-52 EXCAVATION FOR REPAIRS, SOUTH SLUICeway WARPED WALL.
Photographer: James Eastwood, 1996.
Source: SRP Research Archives.
- AZ-51-53 COMPLETED SOUTH SLUICeway WARPED WALL WITH GUNITE APPLICATION.
Photographer: James Eastwood, March 1998.
Source: SRP Research Archives.
- AZ-51-54 REPAIRS TO DAM WALL.
Photographer: James Eastwood, 1996.
Source: SRP Research Archives.