**Finding Aid to Construction photographs of Pardee Dam, California, 1929-1933, undated**

**Collection number: BANC PIC 1996.020 v.2--ALB**

The Bancroft Library
University of California, Berkeley
Berkeley, CA 94720-6000
Phone: (510) 642-6481
Fax: (510) 642-7589
Email: bancref@library.berkeley.edu
URL: http://bancroft.berkeley.edu/

Finding Aid Author(s):
Margo Padilla
Finding Aid Encoded By:
GenX

© 2013 The Regents of the University of California. All rights reserved.

---

**Collection Summary**

**Collection Title:** Construction photographs of Pardee Dam, California

**Date (inclusive):** 1929-1933

**Date:** undated

**Collection Number:** BANC PIC 1996.020 v.2--ALB

**Extent:** 1 album (46 photographic prints) : b&w ; 16 x 24 cm.

**Repository:** The Bancroft Library
University of California, Berkeley
Berkeley, CA 94720-6000
Phone: (510) 642-6481
Fax: (510) 642-7589
Email: bancref@library.berkeley.edu
URL: http://bancroft.berkeley.edu/

**Abstract:** Contains construction views of the Pardee Dam along the Mokelumne River.

**Languages Represented:** Collection materials are in English

**Physical Location:** Many of the Bancroft Library collections are stored offsite and advance notice may be required for use. For current information on the location of these materials, please consult the library's online catalog.

**Access Information**

Collection is open for research.

**Conditions of Use**

Materials in these collections may be protected by the U.S. Copyright Law (Title 17, U.S.C.). In addition, the reproduction of some materials may be restricted by terms of University of California gift or purchase agreements, donor restrictions, privacy and publicity rights, licensing and trademarks. Transmission or reproduction of materials protected by copyright beyond that allowed by fair use requires the written permission of without permission of the copyright owner. Responsibility for any use rests exclusively with the user.

All requests to reproduce, publish, quote from, or otherwise use collection materials must be submitted in writing to the Head of Public Services, The Bancroft Library, University of California, Berkeley 94720-6000. See: http://bancroft.berkeley.edu/reference/permissions.html.

**Preferred Citation**

[Identification of item], Construction photographs of Pardee Dam, California, BANC PIC 1996.020 v.2--ALB, The Bancroft Library, University of California, Berkeley

**Indexing Terms**
The following terms have been used to index the description of this collection in the library's online public access catalog:

Aqueducts -- California -- Photographs.
Dams -- Design and construction -- California -- Photographs.
Pardee Dam (Calif.) -- Design and construction -- Photographs.
Reservoirs -- California -- Photographs.
Water-supply -- California -- Photographs.

Photograph albums.

Processing/Project Information

Received by library as one album. Rebound as two for conservation reasons.

Scope and Content Note

Contains construction views of the Pardee Dam along the Mokelumne River drainage showing the area before the reservoir was built (including the Lancha Planta dredge fields), construction process, the Pardee work camps, and the flood of 1928. Also includes construction views of the Mokelumne Aqueduct at Holt, other California dams, reservoirs, and pumping plants (Walnut Creek, Lafayette, and San Pablo, among others), and related views.

Detailed captions in pencil on verso of photos.

Volume 1 1927-1932, undated

BANC PIC 1996.020 v.1--ALB

Physical Description: 1 album (55 photographic prints) : b&w ; 16 x 24 cm.

Indexing Terms

Photograph albums.

Mokelumne Peak. El. 9,371. From Alpine Highway. May 8, 1931. 1931-05-08
BANC PIC 1996.020 v.1:01 ark:/28722/bk0012h9h6d

Looking east up the gorge of the North Fork of the Mokelumne from the P.G.&E. road, towards Salt Springs Dam. BANC PIC 1996.020 v.1:02 ark:/28722/bk0012h9h7z

Bear River, a tributary to the North Fork of the Mokelumne BANC PIC 1996.020 v.1:03

Cold Creek at junction with Mokelumne River just below Salt Springs Dam. June 14, 1932. 1932-06-14
BANC PIC 1996.020 v.1:04 ark:/28722/bk0012h9h92

North Fork of Mokelumne from bridge north of West Point. May 13, 1930. 1930-05-13
BANC PIC 1996.020 v.1:05 ark:/28722/bk0012h9j0m

South Fork of the Mokelumne at Sawyer's bridge. BANC PIC 1996.020 v.1:06

Site of Pardee Dam, before construction begun. Taken July, 1927. 1927-07
BANC PIC 1996.020 v.1:07 ark:/28722/bk0012h9j2q

Old gravel dumps from dredgers, at Lancha Plana, 4 miles below Pardee Dam. This was the source of the gravel supply for the concrete in the dam. BANC PIC 1996.020 v.1:08 ark:/28722/bk0012h9j38

Construction road from just below Pardee Dam up to Contractor's office. BANC PIC 1996.020 v.1:09 ark:/28722/bk0012h9j4t

Camp Pardee, from the top of the water tower. This picture taken just after Camp Pardee was built. BANC PIC 1996.020 v.1:10 ark:/28722/bk0012h9j5c

Flume through which river was by-passed while foundation was being poured in river bed. BANC PIC 1996.020 v.1:11 ark:/28722/bk0012h9j6x

Showing flume, by-passing river, and upper and lower coffer dams blocking off river channel. Water will be pumped out of river channel and foundation of dam poured. BANC PIC 1996.020 v.1:12 ark:/28722/bk0012h9j7g

Showing blasting cut-off trench into south bank of canyon. The foundation of the up-stream face of the dam is "keyed" into this cut-off trench. BANC PIC 1996.020 v.1:13 ark:/28722/bk0012h9j81

Pardee Dam Construction, -- Showing cleaning of rock in river bed by use of jets of combined water and compressed air. Rocks were scoured with steel wire brooms and were hand cleaned. BANC PIC 1996.020 v.1:14 ark:/28722/bk0012h9j9k
Pardee Dam Construction View, -- Showing first day of flood of March 24, 1928.  
1928-03-24  BANC PIC 1996.020 v.1:15  ark:/28722/bk0012h9k04

Pardee Dam Construction View, -- Showing first day of flood of March 24, 1928.  
1928-03-24  BANC PIC 1996.020 v.1:16  ark:/28722/bk0012h9k1p

Pardee Dam Construction View, -- Showing peak of flood on March 25, 1928. Flow of river was 25,000 sec. ft.  
1928-03-25  BANC PIC 1996.020 v.1:17  ark:/28722/bk0012h9k27

Pardee Dam Construction View, -- Showing peak of flood on March 25, 1928. Flow of river was 25,000 cu. ft. per sec.  
1928-03-25  BANC PIC 1996.020 v.1:18  ark:/28722/bk0012h9k3s

Looking down cut-off trench on north side, of bottom foundation, towards center of dam. April 27, 1928.  
1928-04-27  BANC PIC 1996.020 v.1:19  ark:/28722/bk0012h9k4b

Pardee Dam Construction View, -- Showing the 4 sluice pipes in place. The two outer pipes have a diameter [sic] of 72 ins. and the two inner ones are 42” in diam.  
BANC PIC 1996.020 v.1:20  ark:/28722/bk0012h9k5w

Pardee Dam, -- Construction View, -- Showing main chute at right, which carries concrete mixture from plant on hill to base of tower. Mixture is then raised to hoppers, shown in tower, then down through chutes hung on counter-weights and finally through pipes called “elephant’s trunks,” moved where concrete is to be placed.  
BANC PIC 1996.020 v.1:21  ark:/28722/bk0012h9k6f

Pardee Dam, Construction View, -- Show penstocks for the two units of the power plants placed in lower portion of dam. These penstocks are 72 inches in diameter. The combined flow that can be passed through the 2 penstocks and the four sluice pipes, when the reservoir is full, is 6,000 cu. ft. per sec.  
BANC PIC 1996.020 v.1:22  ark:/28722/bk0012h9k70

Pardee Dam, Construction View, -- General view, showing upstream face of dam, contractor’s mixing plant, cable ways, towers, and pouring chutes.  
BANC PIC 1996.020 v.1:23  ark:/28722/bk0012h9k8j

Pardee Dam, -- Construction View, -- Showing main construction tower in center of dam, with cage for lowering men to work. Height of tower above river, 380 feet.  
BANC PIC 1996.020 v.1:24  ark:/28722/bk0012h9k93

Pardee Dam, General Construction View, -- Showing mixing plant on south bank.  
BANC PIC 1996.020 v.1:25  ark:/28722/bk0012h9m0n

Pardee Dam, Construction View, Showing trash racks built in from [sic] of inlet towers to sluice pipes.  
BANC PIC 1996.020 v.1:26  ark:/28722/bk0012h9m16

Pardee Dam, Construction View, -- Interior of Mixing Plant showing gravel mixture, run out from bunkers on endless belt and dumped into chuter [sic]. Cement is added from hopper over chute.  
BANC PIC 1996.020 v.1:27  ark:/28722/bk0012h9m2r

Pardee Dam, Construction View, -- Showing battery of four, 2 yd. mixers. Plant had a capacity of 2,100 cu. yds. of concrete in two, 8 hr. shifts. Maximum daily pour, 4,016 cu. yds.  
BANC PIC 1996.020 v.1:28  ark:/28722/bk0012h9m39

Pardee Dam, -- General Construction View, -- Showing downstream face, with steps at bottom where power plant will be built.  
BANC PIC 1996.020 v.1:29  ark:/28722/bk0012h9m4v

Round Top, El. 10,430 at right; Thimble Peak, El. 9,870 at left. From above Silver Lake, May 8, 1931.  
1931-05-08  BANC PIC 1996.020 v.1:30  ark:/28722/bk0012h9m5d

Pardee Dam, General Construction View -- Showing upstream face with trash rack for intake to penstocks, at upper part.  
BANC PIC 1996.020 v.1:31  ark:/28722/bk0012h9m6z

Pardee Dam, Construction View, -- Showing night work in progress. Work went on continually, night and day.  
BANC PIC 1996.020 v.1:32  ark:/28722/bk0012h9m7h

Pardee Dam, Construction View, -- Showing spread of pouring operations across entire length of dam.  
BANC PIC 1996.020 v.1:33  ark:/28722/bk0012h9m82

Pardee Dam, Upstream face, showing gate house on top of dam. Flow through penstocks or sluice pipes can be controlled by these gates.  
BANC PIC 1996.020 v.1:34  ark:/28722/bk0012h9m9m

General View showing Pardee Dam and Reservoir, with South Spillway beyond dam and Camp Pardee further back.  
BANC PIC 1996.020 v.1:35  ark:/28722/bk0012h9m05
Pardee Dam and Lake Pardee. April 3, 1930, Lake elevation 518 ft. 1930-04-03
BANC PIC 1996.020 v.1:36  ark:/28722/bk0012h9n1q
Jackson Creek Spillway, -- Upstream face, toward Pardee Reservoir. This spillway is not used, but the overflow of the reservoir could be let through it to Jackson Creek, if the Arroyo Seco reservoir should ever be built. BANC PIC 1996.020 v.1:37
ark:/28722/bk0012h9n28
Jackson Creek Spillway, Downstream face, showing syphons. BANC PIC 1996.020 v.1:38
ark:/28722/bk0012h9n3t
Pardee Dam, Showing Power Plant at base and discharge from two sluice pipes. BANC PIC 1996.020 v.1:39  ark:/28722/bk0012h9n4c
Geneerall [sic] View of Pardee Dam, Reservoir and Power Plant. BANC PIC 1996.020 v.1:40  ark:/28722/bk0012h9n5x
General View of Pardee Dam, Reservoir and Power Plant, with South Spillway at right. BANC PIC 1996.020 v.1:41  ark:/28722/bk0012h9n6q
View of South Spillway, with 350 sec. ft. going over. BANC PIC 1996.020 v.1:42  ark:/28722/bk0012h9n71
View of weir of South Spillway, with 350 sec. ft. going over. BANC PIC 1996.020 v.1:43
ark:/28722/bk0012h9n8k
Interior of Power House at Pardee Dam. June 5, 1930. Two units can generate 7,500 kilowatts each; total capacity, 15,000 kilowatts 1930-06-05 BANC PIC 1996.020 v.1:45
ark:/28722/bk0012h9n0p
View of South Spillway with 1,600 sec. ft. going over. BANC PIC 1996.020 v.1:46  ark:/28722/bk0012h9n17
Power House at Pardee Dam. June 7, 1930. Discharge of 700 cu. ft. per sec from two 42" sluice pipes. BANC PIC 1996.020 v.1:47  ark:/28722/bk0012h9n2s
Sign at Pardee Dam, giving details of project BANC PIC 1996.020 v.1:48  ark:/28722/bk0012h9n3b
Sign on Mokelumne Aqueduct at Holt, giving details of Project. BANC PIC 1996.020 v.1:49  ark:/28722/bk0012h9n4w
Rolling half section of length of pipe for Mokelumne Aqueduct. Sheets of steel are 30 ft. long, 1/2 inch thick and 8 1/3 ft. wide. They are rolled cold. Work done at Steet [sic] Tank and Pipe Co. Berkeley. BANC PIC 1996.020 v.1:50  ark:/28722/bk0012h9n5f
Welding two half section of pipe together to make one complete section. Work done at Steel Tank and Pipe Co. in Berkeley. BANC PIC 1996.020 v.1:51  ark:/28722/bk0012h9n60
Mokelumne Aqueduct, -- Laying steel pipe in trench across upland below Pardee Dam. BANC PIC 1996.020 v.1:52  ark:/28722/bk0012h9n7j
Mokelumne Aqueduct, -- Trench digging machine, in operation near Stockton. BANC PIC 1996.020 v.1:53  ark:/28722/bk0012h9n83
Mokelumne Aqueduct, -- Laying sections of pipe in trench, near Stockton. BANC PIC 1996.020 v.1:54  ark:/28722/bk0012h9n9n
Mokelumne Aqueduct, -- Back filling over pipe laid in trench; near Stockton. BANC PIC 1996.020 v.1:55  ark:/28722/bk0012h9n06
Volume 2 1927-1932, undated BANC PIC 1996.020 v.1--ALB
Physical Description: 1 album (55 photographic prints) : b&w ; 16 x 24 cm.
Indexing Terms
Photograph albums.
Mokelumne Aqueduct, -- Pipe laid in trench and back filled over ends of sections, ready for testing. BANC PIC 1996.020 v.2:01  ark:/28722/bk0012h9n1r
Mokelumne Aqueduct, -- Dredging San Joaquin River to lay pipe for crossing. BANC PIC 1996.020 v.2:02  ark:/28722/bk0012h9n29
Mokelumne Aqueduct, -- Section of pipe between barges ready [sic] for sinking at Middle River crossing. BANC PIC 1996.020 v.2:03  ark:/28722/bk0012h9n3v
Mokelumne Aqueduct, -- Section of pipe between barges ready for sinking at Middle River Crossing. BANC PIC 1996.020 v.2:04  ark:/28722/bk0012h9q4d
Mokelumne Aqueduct, -- Painting pipe with aluminum paint to keep temperature low. BANC PIC 1996.020 v.2:05  ark:/28722/bk0012h9q5z
Mokelumne Aqueduct crossing Indian Slough. BANC PIC 1996.020 v.2:06  ark:/28722/bk0012h9q6h
Mokelumne Aqueduct, showing pipe lines crossing levee at Middle River. BANC PIC 1996.020 v.2:07  ark:/28722/bk0012h9q72
Mokelumne Aqueduct, -- Showing pipe line coming down from levee at Middle River crossing and going east across delta. BANC PIC 1996.020 v.2:08  ark:/28722/bk0012h9q8m
Mokelumne Aqueduct, -- Synchronous Relief Valve house on pipe line at San Joaquin River Crossing. In case of a break on the pipe line, the valves in this house open automatically and drain a large portion of the aqueduct at an advantageous point. There are four such relief valves on the aqueduct. BANC PIC 1996.020 v.2:09  ark:/28722/bk0012h9q95
Mokelumne Aqueduct, -- Synchronous Relief Valve in house on pipe line at San Joaquin River Crossing. BANC PIC 1996.020 v.2:10  ark:/28722/bk0012h9r0q
Walnut Creek Pumping Plant. Showing outlet pipes and substation. BANC PIC 1996.020 v.2:12  ark:/28722/bk0012h9r2t
Walnut Creek Pumping Plant. -- Interior view, showing three pumping units. BANC PIC 1996.020 v.2:13  ark:/28722/bk0012h9r3c
Walnut Creek Aeration Weir. -- Looking toward Walnut Creek Tunnel. Forty notched weirs. BANC PIC 1996.020 v.2:14  ark:/28722/bk0012h9r4x
Grant Miller Filter Plant, -- Capacity, 1,000,000 gallons daily. Serves the "Lafayette" County Water District. BANC PIC 1996.020 v.2:15  ark:/28722/bk0012h9r5g
Lafayette Pumping Plant, -- Pumps water from teh Mokelumne Aqueduct through the Moraga Aqueduct into Upper San Leandro Reservoir. BANC PIC 1996.020 v.2:16  ark:/28722/bk0012h9r61
Lafayette Pumping Plant, -- Interior view, showing pumping units. BANC PIC 1996.020 v.2:17  ark:/28722/bk0012h9r7k
San Pablo Dam, upstream face, March 20, 1933. 1933-03-20 BANC PIC 1996.020 v.2:18  ark:/28722/bk0012h9r84
San Pablo Reservoir, -- June 23, 1929, just before Mokelumne water was brought in. Amount in storage, 109 million gallons 1929-06-23 BANC PIC 1996.020 v.2:19  ark:/28722/bk0012h9r9p
San Pablo Reservoir, Sept. 18, 1930. Amount in storage 6,462 million gallons. 1930-09-18 BANC PIC 1996.020 v.2:20  ark:/28722/bk0012h9s07
San Pablo Dam and Reservoir -- Showing open and shaft spillways. Capacity, 14,073,000,000 gallons. BANC PIC 1996.020 v.2:21  ark:/28722/bk0012h9s15
San Pablo Filter Plant; Filter Operating Floor. New addition in foreground. March 6, 1931. 1931-03-06 BANC PIC 1996.020 v.2:22  ark:/28722/bk0012h9s2b
Upper San Leandro Dam and Spillway -- Capacity of Reservoir, 13,628,000,000 gallons; Spillway, 6,000 sec. ft. BANC PIC 1996.020 v.2:23  ark:/28722/bk0012h9s3w
Schematic diagram showing various stages in purification process BANC PIC 1996.020 v.2:24  ark:/28722/bk0012h9s4f
Upper San Leandro Filter Plant. General view. Filter beds at left end of building; settling basins in back and aerators at right end of building. BANC PIC 1996.020 v.2:25  ark:/28722/bk0012h9s50
Upper San Leandro Filter Plant. Aeration basin in foreground, settling basins to right and filter beds at rear of building. BANC PIC 1996.020 v.2:26  ark:/28722/bk0012h9s6j
Close-up view of aerators at Upper San Leandro Filter Plant. BANC PIC 1996.020 v.2:27  ark:/28722/bk0012h9s73
Upper San Leandro Filter Plant. Agitators between settling basins. BANC PIC 1996.020 v.2:28  ark:/28722/bk0012h9s8n
Upper San Leandro Filter Plant. Settling basins. BANC PIC 1996.020 v.2:29
ark:/28722/bk0012h9s96

Upper San Leandro Filter Plant. Filter control panels. Chlorination room at right.
BANC PIC 1996.020 v.2:30  ark:/28722/bk0012h9t0r

Upper San Leandro Filter Plant. Chemical Laboratory where samples of water from all parts of the system are analyzed daily. BANC PIC 1996.020 v.2:31
ark:/28722/bk0012h9t19

Upper San Leandro Filter Plant. Pipe gallery for connection of all filter beds, etc.
BANC PIC 1996.020 v.2:32  ark:/28722/bk0012h9t2v

Lake Chabot Reservoir, showing trash racks in front of spillway.
BANC PIC 1996.020 v.2:33  ark:/28722/bk0012h9t3d

Vine st. pumping plant, in Berkeley. One of many local plants which pump water to the tanks and higher elevations in the hills. BANC PIC 1996.020 v.2:34
ark:/28722/bk0012h9t4z

Vine st. pumping plant, -- Interior view, showing pumping units.
BANC PIC 1996.020 v.2:35  ark:/28722/bk0012h9t5h

Central Reservoir, Oakland. Capacity, 159 million gals. BANC PIC 1996.020 v.2:36
ark:/28722/bk0012h9t62

Crest Tank, Oakland. Capacity, 250,000 gallons. BANC PIC 1996.020 v.2:37
ark:/28722/bk0012h9t7m

Montclair Tank, -- Capacity 250,000 gallons. Welded steel on concrete base.
BANC PIC 1996.020 v.2:38  ark:/28722/bk0012h9t85

Claremont Laboratory, contains pumping plant and substation. Claremont Cistern at West Portal of Claremont Tunnel in background. BANC PIC 1996.020 v.2:39
ark:/28722/bk0012h9t9q

Corporation Yard, 22nd and Adeline st. BANC PIC 1996.020 v.2:40
ark:/28722/bk0012h9t08

Corporation Yard -- Adeline st. from 21st to 22nd st. General view of material yard.
BANC PIC 1996.020 v.2:41  ark:/28722/bk0012h9v1t

View from Latham Square Building, showing fire in hills, Nov. 13, 1933, that destroyed Joaquin Miller's home. This fire was put out largely by E.B.M.U.D. men and equipment. 1933-11-13 BANC PIC 1996.020 v.2:42
ark:/28722/bk0012h9v2c

Section of Mokelumne Aqueduct Pipe, used for float in the N.R.A. parade in Oakland, Sept. 29, 1933. 1933-09-29 BANC PIC 1996.020 v.2:43
ark:/28722/bk0012h9v3x

Grass Valley C.C.C. Camp, near Lake Chabot. The District had three such camps on its lands in 1933. 1933 BANC PIC 1996.020 v.2:44
ark:/28722/bk0012h9v4g

San Pablo Filter Plant, Sedimentation beds, Aerators in background, March 6, 1931 1931-03-06 BANC PIC 1996.020 v.2:45
ark:/28722/bk0012h9v51

Partial View of San Pablo Filter Plant BANC PIC 1996.020 v.2:46
ark:/28722/bk0012h9v6k