Glen Canyon Unit—Colorado River Storage Project.

View of pozzolan Pit No. 3 on the "Bonner" Deposit, 25 miles north of Flagstaff, Arizona, along U. S. Highway 89. Overburden has been stripped to the left of test pit. 4000 pounds of material from this pit was ground and shipped to the Assistant Commissioner and Chief Engineer's office for acceptance testing and concrete mix investigations. Contract No. 14-06-D-2872, Specs. No. DG-5053.

Supplier: J. G. Shotwell

3/26/59 C. V. Gezelius
Glen Canyon Unit—Colorado River Storage Project.

View of the stripped area of the "Bonner" pozzolan deposit looking west from Test Pit No. 3. Note 69-KV power line on the crest of the hill in the background. U.S. Highway No. 89 at the foot of the hill on the far side of the stripped area. Contract No. 14-06-D-2872; Specs. No. BS-5053;
Supplier: J. G. Shotwell 3-26-59 C. V. Gezelius
Glen Canyon Unit—Colorado River Storage Project.
5-8-59 C. V. Gezelius
P 557-420-09806  Glen Canyon Unit—Colorado River Storage Project.

General view looking south at the Phoenix Cement Company plant at Clarkdale, Arizona, under erection, at the left center. One quarry for raw material is at the right center background, photo is taken from the other quarry to the north of the plant. Contract No. 14-06-D-2898, Specs. No. US-5023; Supplier: American Cement Corporation. 5-8-59 C. V. Geselius
Glen Canyon Unit—Colorado River Storage Project.


5-8-59 C. V. Gezelius
P 557-420-03808  Glen Canyon Unit—Colorado River Storage Project.
View of equipment used for removing material from the blended stockpiles. Phoenix Cement Company
plant at Clarkdale, Arizona, under erection. Contract No. 14-06-D-2838; Spec. No. GC-5023;
Supplier: American Cement Corporation.
G. V. Geselius
Glen Canyon Unit—Colorado River Storage Project.


4-6-59

G. V. Gezelius
Glen Canyon Unit—Colorado River Storage Project.
View of Administration and Laboratory building nearing completion at the Phoenix Cement plant,
Clarkdale, Arizona. Contract No. 14-06-D-2838; Specs. No. DS-5023; Supplier: American Cement
Corporation.

5-8-59 C. V. Gezelius
Glen Canyon Unit—Colorado River Storage Project.

View of one of the two 10-foot diameter 350-foot rotary kilns at the Phoenix Cement Company plant, Clarkdale, Arizona, under erection. Contract No. 14-06-D-2818; Specs. No. DS-5023; Supplier: American Cement Corporation. 5-8-59

C. V. Gezelius
Glen Canyon Unit—Colorado River Storage Project.

View of pozzolan plant. The power substation will be erected in center foreground. Storage silo in right background and the Sturtevant air separator on the left. The minus 3/8-inch storage bin at left background behind the rotary dryer. Supplier: J. G. Shotwell, Contract No. 14-56-D-2872.

Specs. No. DS-5093

C. V. Gezelius

7-1-59
Glen Canyon Unit—Colorado River Storage Project.

General view to the northwest of the pozzolan plant which is nearing completion.


Supplier:

8-26-59 C. V. Gezelius
Glen Canyon Unit--Colorado River Storage Project.

General view to the northeast of the pozzolan plant which is nearing completion. Note substation at left center of photo nearing completion of erection. Supplier: J. C. Shotwell, Contract No. 14-06-0-2872. Specs. No. DS-5053. 8-20-59 C. V. Gezelius
Start of excavation of pumice rock in the Bonner Deposit, for delivery to the raw stockpile near the pozzolan plant located within one-fourth mile of the pit. Supplier: J. G. Shotwell, Contract No. 14-06-D-2872, Invitation No. DS-5053. September 1959 C. V. Gezelius
Start of pozzolan production showing the Sturtevant air separator at the left, the Williams ring mill near center, and the Williams dust collector at the right of photograph. Note the small conical pile beside the Williams ring mill, which predominantly consists of the harder and darker plant run material which is automatically wasted during grinding in the Williams ring mill.


10-16-59

G. V. Gexelius
Glen Canyon Unit--C.R.S.P.

View of lower portion of the insulated baghouse with the exhaust flue in operation. The multi-clone and cyclone dust collectors are in the right background. Supplier: J. G. Shotwell, Contract No. 14-04-D-2872. Invitation No. BS-5053. 10-16-59 C. V. Gezelius
General view to the east of the pozzolan plant, showing the wood-framed, metal-sheathed screenhouse above the minus 3/8-inch storage bin on fire. Supplier: J. G. Shotwell, Contract No. 14-06-D-2872. Invitation No. DS-5053.
General view to the east of the pozzolan plant showing the complete destruction of the screenhouse by fire one hour and 15 minutes after the fire started. No other damage to the plant except the loss of the vibrating screen and motor within the screen-house. Supplier: J. G. Shotwell, Contract No. 14-06-D-2872, Invitation No. DS-5053.
10-16-59
C. V. Gezelius
Glen Canyon Unit—G.R.S.F.

View of pozzolan production plant showing recently installed experimental ball mill at right foreground. Coarse material from the Sturtevant air separator is being ground in ball mill before entering the Williams ring mill in the background.

No. DS-5053. 4-20-60  G. V. Gezelius
Glen Canyon Unit--C.R.S.P.
6-7-61 C. V. Gezelius

Glen Canyon Unit--C.R.S.P.
View taken June 6, 1961, from top of raw storage stockpile looking to the east. Note the heavily dust-covered trees in the foreground, extending for a distance of two to three miles, resulting from the loss of micron size particles during the manufacture of pozzolan. The darker-colored forest, far right background, is relatively free of dust because the prevailing winds are from the southwest. Supplier: J. G. Shotwell, Contract No. 14-06-D-2872. Invitation No. DI-5053.
6-7-61 C. V. Gezelius
Glen Canyon Unit--C.R.S.P.

C. V. Gezeliu s
P 557-420-0608
Glen Canyon Unit—C.R.S.P.
View taken June 6, 1961, from the top of raw storage stockpile looking south. Conveyor in right foreground delivering raw pumice to the rotary dryer. A 600-ton finish storage bin in center foreground. Right background shows the 80-ton, truck-loading storage bin. Supplier: J. G. Shotwell, Contract No. 14-06-D-8972, Invitation No. DB-5053. 6-7-61 C. V. Gezeliu s
View taken June 6, 1961, from the top of raw storage stockpile. In center foreground are the recently installed eight, high velocity, cyclone-type dust collectors and to the right of them the original multiclone dust collectors. Left background shows dust storage bin and bucket elevator for the new 6 x 20-football mill; to the right is the 600-ton capacity, finish storage bin.


C. V. Gezelius
View taken June 6, 1961, looking north. Eight new high-velocity, cyclone-type dust collectors on right. Newly installed 6 x 20-football mill to the left, behind the loader in foreground. Supplier: J. G. Shotwell, Contract No. 14-06-D-2872. Invitation No. DS-5053. 6-7-61

C. V. Gezelius

View taken June 6, 1961, showing the rotary dryer, right, and recently installed 24-inch hammer mill, near center. Supplier: J. G. Shotwell, Contract No. 14-06-D-2872. Invitation No. DS-5053. 6-7-61

C. V. Gezelius
Glen Canyon Unit - L.A.S.P.

View taken June 6, 1961, looking north. Eight new high-velocity, cyclone-type dust collectors on right. Newly installed 6 x 20-football mill to the left, behind the loader in foreground.


C. V. Omselius
General view of pit during excavation of pumice on the Standard Pozzolan Company’s claims southwest of the Bonner Claims. Note pumice in place at the bottom, with the dark 12-foot layer of volcanic ash directly above capped with approximately 30 feet of overburden. Supplier: J. G. Shotwell, Contract No. 14-06-D-2672. Specs. No. DS-5053. 5-17-62  C. V. Gezelius
Glen Canyon Unit--C.R.S.P.
View taken September 26, 1962, showing excavation operations in the Sugar Loaf pit after overburden had been removed. An Allis-Chalmers TD-21 dozer is used to excavate and feed a 30-inch Cedar Rapids portable conveyor for loading trucks. See Photo No. P-557-420-60. Supplier: J.G. Shotwell, Contract No. 14-06-D-2872, Specs. No. DS-5053.

C. V. Gezelius

Glen Canyon Unit--C.R.S.P.
View taken September 26, 1962, showing the portable conveyor discharging Sugar Loaf pit run material into double trailer unit. Each double trailer unit has a capacity of 30 tons and is loaded in approximately 7 minutes. The 24 mile round trip to the pozzolan plant requires approximately one hour. Supplier: J. G. Shotwell, Contract No. 14-06-D-2872, Specs. No. DS-5053.

C. V. Gezelius
Glen Canyon Unit-C.R.S.P., View taken September 26, 1962, showing excavation operations in the Sugar Loaf pit after overburden had been removed. An Allis Chalmers TD-21 dozer is used to excavate and feed a 30-inch Cedar Rapids portable conveyor for loading trucks. See Photo No. P-557-420-60. Supplier: J.G. Shotwell, Contract No. 14-06-0-2278, Specs. RU-5073.