



United States Department of the Interior

NATIONAL PARK SERVICE

Southwest Region

P. O. Box 728

Santa Fe, New Mexico 87501

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IN REPLY REFER TO:

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Memorandum

To: Director, National Park Service
From: Chief of Administrative Management
Subject: Completion Report, Chaco Canyon

Enclosed is the original completion report for Project No. 3:310:20505,
Comprehensive Stabilization, Pueblo Pintado Ruin.

Carl O. Shuck

Enclosure

cc: Director, DSC (2)
General Supt., NALA (2)
w/c encl. to ea.



National Parks Centennial 1872-1972

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Completion Report
Pueblo Pintado Ruin
Chaco Canyon National Monument
1969

Ruins Stabilization Unit
Southwest Archeological Center
Globe, Arizona
November 1971

FACE SHEET FOR COMPLETION REPORT

Park Chaco Canyon National Monument	Region Southwest	Work Order No. 3:310-X-20505
Location in Park Pueblo Pintado Ruin	State(s) New Mexico	Fund Symbol 14X1035
	County or Counties San Juan	Year Programmed 1969
☐ Contract and/or ☒ Day Labor		PCP No. CHCA-M-74
Work Order Title Comprehensive Stabilization, Pueblo Pintado Ruin (2nd season)		Master Plan No.
		Master Plan Corrected By
		As Built Drawings By
		Date Started July 1969
		Date Completed Sept. 1969

DESCRIPTION OF FIXED ASSETS (For completion by employee in charge of project)	TOTAL COSTS (For completion by FFO)
<u>ACCOUNT 220 OTHER STRUCTURES & FACILITIES</u> Initial comprehensive stabilization of 36 rooms of the sixty-one room ruin, Pueblo Pintado, Chaco Canyon National Monument. Approximately 1500 lineal feet of wall was capped completely, and partially grouted and respalled. \$19,928.13	
<u>ACCOUNT 236 EQUIPMENT, NOT SUBJECT TO DEPRECIATION</u> 1,385.50	
NPS 201 Plaster/Mortar Mixer (Chaco Canyon) \$ 600.00	
NPS 10910 Generator (S.W.A.C.) 445.50	
NPS 10911 Hammer 340.00	
TOTAL PROJECT COST \$21,313.63	
TOTAL	\$ 21,313.63

DISTRIBUTION	THE FIXED ASSET DESCRIBED ABOVE HAS BEEN COMPLETED IN ACCORDANCE WITH APPROVED DRAWINGS, SPECIFICATIONS, AND AUTHORIZED CHANGES		
No. To	Submitted <u>Sam R. Henderson</u>	Title: <u>Supv. Archeologist</u>	Date: <u>11-10-71</u>
	By: <u>Sam R. Henderson</u>		
	Approved <u>Coland Robert</u>	Title: <u>Acting Chief</u>	Date: <u>11-11-71</u>
	By: <u>Coland Robert</u>		
	COSTS VERIFIED	Title:	Date:
	BY <u>Thomas R. Goodman</u>	<u>Supv. Accountant</u>	<u>2-14-72</u>
	Thomas R. Goodman		

3:310-X-20505

14X1035

COMPOSITION OF COST FOR COMPLETION REPORT

Park	Region	Year Programmed
Chaco Canyon National Monument	SW	1969
Location in Park		
Pueblo Pintado Ruin		
Work Order Title		
Comprehensive Stabilization, Pueblo Pintado Ruin		

COMPOSITION OF COST

COSTS CHARGED TO FUNDS ALLOTTED TO FIELD FINANCE OFFICE		
(1) Personal Services.....	\$ 17,444.75	17,444.75
(2) Travel.....	1,724.72	1,724.72
(3) Contract Work.....		
(4) Supplies and Materials.....	758.66	758.66
(5) Other Direct Expenses.....		
(6) Operation of Equipment.....		
(7) Depreciation of Equipment.....		
(8) Purchase of Construction Equipment.....		
(9) Purchase of Other Accountable Equipment.....	1,385.50	1,385.50
(10) Other Costs:		
(11) TOTAL COST CHARGED TO FFO FUNDS	xxxxxxxxxxx	21,313.63 \$21,313.63
OTHER COSTS:		
(12) PS&S, AP, and/or Facilitating Services @ _____ %.....	\$ -0-	
(13) Inventory and Other Non-Fund Costs		
(14) GROSS WORK ORDER COSTS	xxxxxxxxxxx	\$
LESS:		
(15) Residual Value of Construction Equipment on Line 8	\$	
(16) Other Credits		
(17) NET COST OF FIXED ASSETS	xxxxxxxxxxx	21,313.63 \$21,313.63

Identify other costs and other credits by line item entry, on an attached schedule, or explain in narrative.

Southwest Archeological Center
Globe, Arizona

Day Labor Job by Ruins Stabilization Unit

COMPLETION REPORT
NARRATIVE DESCRIPTION

Description: Comprehensive stabilization of Pueblo Pintado Ruin, Chaco Canyon National Monument, second season.

Authorization: The stabilization of Pueblo Pintado Ruin was authorized by the Southwest Regional Office, and agreement to the work was between that office and the Southwest Archeological Center. Work Order Number 3:310-X20505 funded this stabilization project, Construction Project Number CHCA-M-74.

Work Performed: The second season of stabilization on Pueblo Pintado Ruin, Chaco Canyon National Monument, New Mexico, began on July 1, 1969. During that week a work camp with a trailer house field office was set up at the ruin site. Supplies were purchased in Farmington and delivered to the work site or to the Monument Headquarters. A crew of ten Navajo workers was under the supervision of Archeologist Martin T. Mayer, assisted by Seasonal Archeologist John K. Weir, Ruins Stabilization Unit, Southwest Archeological Center, Globe, Arizona.

The 1969 work began where the 1967 season's work left off in the east end of the north wing of the ruin. The aim of the 1969 work was to complete stabilization of the north wing and begin stabilization of the north wing and capping of all tall and/or fragile

walls of the west wing. Final capping and grouting of these west wing walls was deferred until the next season.

A tinted cement mix of three one-pound cans of Tamms Desert Tan Concentrated Cement Color to each sack of cement was used. It was decided, during the season, to coat the stabilized walls with a mud-adobe wash, to add an even more natural tint to the mortar work, and to allow the cement mortar under the fast drying mud to set slowly in a "curing" manner. The 1969 season's work terminated on September 1.



Pueblo Pintado Ruin
Chaco Canyon National Monument

Room 45, South wall, before stabilization. This wall is an excellent example of the wall masonry conditions throughout the ruin. The top courses are loose and "ready to fall". The face has missing veneer, eroding beam sockets and cracks which weaken the entire wall.



Pueblo Pintado Ruin
Chaco Canyon National Monument

Room 45, south wall, after stabilization. This photograph illustrates the results of stabilization-preservation work performed throughout the ruin. The wall has been capped with integral members, the missing veneer and stones have been replaced, the masonry around the beam sockets was reset, missing spalls were replaced and the wall grouted. The final step was an application of a mud-adobe wash.



Pueblo Pintado Ruin
Chaco Canyon National Monument

Men at work on the west wing of the ruin. The taller walls are being capped and tied together with integral members as a first step of stabilization.



Pueblo Pintado Ruin
Chaco Canyon National Monument

Room 15, north wall, before stabilization. This view, in the west wing of the ruin, illustrates the extremely loose, separated and overhanging condition of the wall stubs. Advanced erosion threatens the collapse of superb wall sections.



Pueblo Pintado Ruin
Chaco Canyon National Monument

Room 15, north wall, after stabilization. The wall has been integrally capped using 3/8" re-bar. Other work was deferred until the 1971 season. The durable, weatherproof capping will insure preservation of the wall until complete stabilization has been accomplished.