



FRIENDS OF BANDELIER

ANNUAL REPORT 1994

As 1994 came to a close, the Friends of Bandelier completed seven years of service to the monument. It's been an exciting time. We've supported wonderful projects, including many that could not have been done without our encouragement and monetary help. The money we give in grants to Bandelier is a small fraction of their total budget, but we and the rangers try to make every penny count toward definite goals.

Here is a brief review of our accomplishments for the past seven years. It is a diverse list, but all the projects meet our objectives of helping with *preservation, restoration, interpretation, education, and research..*

Archaeology

The ancient inhabitants of Bandelier have always puzzled archaeologists. The pueblo Indians chose to live in a high, cold, dry climate with a short growing season, freezing winters, windy springs, cool summers with torrential showers, short autumns with cold nights - truly a hard land to make a home. Yet the mesas are strewn with ancient ruins, agricultural alignments, petroglyphs, narrow trails, pits for catching game, and tool manufacturing sites. The Indians lived and apparently prospered on the mesas for many generations until a series of drought years forced them to move down to the valley, closer to permanent streams.

How did the Indians manage to live in such a land? In 1987, Park Service archaeologist Bob Powers began a surface survey to

document evidence of Indian occupation. Researchers found over 2000 ruins, despite having only enough resources to survey 41% of Bandelier's 32,000 acres. Since 1988, the Friends have helped to fund the archaeological studies. We provided money at the end of each survey season to keep the researchers in the field a little longer to squeeze out a little more surveyed area.

Tim Kohler of the Department of Anthropology at Washington State University wanted to research the question, "why did pueblo Indians gradually change from living in small family farmsteads to large pueblos like Tyuonyi?" We think it is a good question and provided grants to help Tim excavate five Bandelier ruins covering different time periods. We also provided money for four archaeological publications. We later helped support special studies, such as pollen analyses on soil taken from a ceremonial chamber (kiva) to determine what plants grew in the area over a 500-year period.

In 1994 we supported a detailed study of potsherds to see if mapping of sherds with similar characteristics (designs, slip, temper) could tell how many different groups of Indians lived within Bandelier's boundaries, and where and when they moved during their 400-year stay. We also supported a study to see if Indians did their gardening near areas of surface pumice deposits, which may have been good agricultural land.

Bob Powers and Tim Kohler are writing the final report on the Bandelier studies. We look

forward to their conclusions. Superintendent Weaver supports the idea of more research done in-house by Bandelier's rangers. Maybe we can be of help!

Handicapped Access

We began our service to the handicapped when ranger Chris Judson asked if we could pay to repair Bandelier's wheelchair. We could and did. Acting on this request, Mary Pettitt Venable gave a special donation to the Friends to provide a heavy-duty wheelchair to the monument. Mary was acutely aware of accessibility problems faced by the handicapped. Her first husband, Los Alamos' beloved Roland Pettitt, suffered a disabling illness before his death. His family tried to take Roland to the outdoors he loved so passionately and knew first-hand the opportunities and obstacles to wheelchair travel. The rangers report that many families now use the wheelchairs when a normally ambulatory member finds walking through the ruins difficult because of the distance and high altitude.

During our seven years we also provided funds to buy a telephone device for the deaf and material for an accessible walkway to the gift shop. In 1994, we provided material to upgrade a campsite in Juniper Campground for accessibility.

Services

Occasionally we agree to pay to hire a person for a special project. In 1994 the traffic situation in Frijoles Canyon became so desperate that the rangers asked if we would fund a parking

attendant. Through a temporary help agency, we paid for one attendant and were fiscal agent for a second. The attendants did a wonderful job managing an unprecedented number of visitors. Their work took a tremendous load off the rangers, who in the past spread the duties among themselves and Bandelier's faithful volunteers. The new arrangement worked so well the rangers decided make the position a permanent one. At our 1994 annual meeting, Chief Ranger Carl Newman gave an eloquent thank you to the Friends for help at this critical time.

Equipment

Each year the rangers' budget just won't stretch to meet the need for special equipment. In the past we supplied a reception desk for the Visitor Center, a microscope (plus a second one donated by Kitty Fluharty), medical trauma kit, global positioning system instruments, heavy-duty 8-mm video camera, and equipment for backcountry archaeological survey work. One item that keeps coming back to us is ecologist Craig Allen's geographic information system (GIS). Craig has government-issue computers and GIS software (klutzy but free) and he keeps pushing the limits of both. In 1993 we sent Craig and his assistant Kay Beeley for GIS training.

In 1994 we bought an optical drive and 3.6 *gigabytes* (3,600,000 bytes) of memory for the GIS. As often happens, the Park Service agreed to match our donation and bought Craig another 3.6 gigabytes of memory. Craig sent a 24-by 36-inch glossy printout map of Bandelier to our 1994 annual meeting to show us what his GIS system will do.

Interpretation

In 1994 the rangers reinstated Coffee-with-a-Ranger programs, in which a ranger meets daily for informal chats with visitors. We supply the coffee, etc. Every now and then, the rangers send our treasurer, Laura Bohn, a packet of change donated by visitors who enjoyed the program.

We have always supported the native crafts program at Bandelier. Craftspeople from neighboring pueblos come to the monument on summer weekends to demonstrate a variety of time-honed traditional crafts. From 1991 through 1993 ranger Andrea Sharon received a grant for the program from the New Mexico State Arts Division, with the Friends as sponsor. As part of the grant, Andrea thoroughly documented the people and their crafts.

In 1994, Southwest Parks and Monuments, a branch of the Park Service, funded the bulk of the program. The friends provided just \$500 in support. We did institute a new program to buy craft items from the pueblos for the Bandelier archives. Andrea reported that the craftspeople expressed interest in the program and would try to supply us with items. However, they are very busy with craft shows throughout the Southwest. Andrea did obtain a pair of moccasins from Ambrosio Toya of Jemez Pueblo. Mr. Toya is in his 80s and was first on Andrea's priority list.

Ecology

At the 1994 annual meeting Brian Jacobs gave an excellent presentation on his project to find good methods to restore denuded pinyon-juniper (p-j) woodland. Brian focused on hand methods suitable for restoring grass cover to Bandelier's 10,000 wilderness p-j acres. In 1994 he set up plots

to study several questions: does mulching help? Must he scatter grass seed or can it be blown in by the wind? How much should he open the forest canopy to let sunlight in? We had to cancel a November tour of Brian's plots, but we plan another tour in the summer to see how the grasses are doing. Volunteers helped Brian with most of the labor, including collecting grass seeds. Brian used our \$2,000 of matching funds to get the grass seed reproduced for future work.

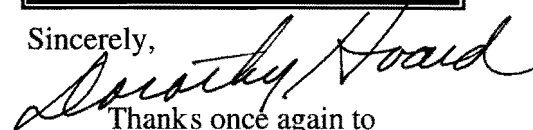
News of the Friends

The Friends of Bandelier is governed by an 11-member board of tight-fisted, no-nonsense, working people who strive to maximize our grants to Bandelier and minimize our own expenses. We meet three or four times a year and welcome visitors.

We have about 400 addresses on our mailing list. We solicit renewals twice a year and have about a 75% renewal rate. We pursue low-key recruiting throughout the year, but like most non-profits, are seeing a decline in membership.

It is you whose donations to the Friends of Bandelier make our support possible. I rarely see or speak to a ranger at Bandelier without hearing some expression of heart-felt thanks. I wish I could personally convey that thanks to each one of you, where it truly belongs.

Sincerely,



Thanks once again to
Los Alamos National Bank
for reproducing our newsletters

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FRIENDS OF BANDELIER ANNUAL FINANCIAL REPORT

October 1, 1993 to September 30, 1994

Income:

Cash Balance Forward as of September 30, 1993		\$17,476.86
Contributions		10,069.92
Memorial Contributions		60.00
Historical Society Honorarium		100.00
Andrea Sharon Photograph Raffle		326.00
Bandelier Logo Use Fees		48.00
Pablita Velarde Poster Sales		1,325.00
Norma Lynn and Jeffrey Hay Benefit Concert Proceeds	455.00	
Less Concert Expenses	<u>-185.00</u>	270.00
Nightwalk Proceeds	8,767.00	
Less Nightwalk Expenses	<u>-5,094.99</u>	3,672.01
Reimbursement from the Cultural Awareness Program		1,038.00
Interest		<u>663.55</u>
TOTAL INCOME:		<u>35,049.34</u>

Disbursements - Bandelier National Monument:

Coffee with a Ranger	129.20
Cultural Awareness Program - Folk Artist Demonstrators	500.13
*Parking Lot Attendant	7,456.55
Purchase of Crafts from Folk Artist Demonstrators	75.00
Washington State University Research Support	<u>4,880.00</u>
TOTAL DISBURSEMENTS:	<u>13,040.88</u>

*The Friends acted as fiscal agents for Bandelier National Monument's payment of temporary parking lot attendants. This enabled Bandelier to have the traffic control needed along with the appropriate bookkeeping. Bandelier in turn was able to fund \$2,100 for materials to modify handicapped access to three campsites, a project originally slated for funding by the Friends.

Expenses - Friends of Bandelier:

Advertising	134.71
Annual Meeting Room Rental	44.94
Credit Card Set-up Fee	15.00
Non-profit Corporate Report Fee	10.00
Postage	303.22
Supplies	<u>523.25</u>
TOTAL EXPENSES:	<u>1,031.12</u>

Net Income (Cash Balance as of September 30, 1994) \$20,977.34



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Los Alamos, New Mexico, 87544

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ANNUAL REPORT

In Memoriam

In Memory of

Carl Notrott
John Malik

from

Beckie and Ben Diven

Coming Events

Fifth Season
Special Nightwalks
Summer 1995

3rd Annual Butterfly Count
June 17, 1995

Annual Meeting
November 1995

Board of Trustees

Sheryl Bishop, Santa Fe
Laura Bohn, Los Alamos
Fletcher Catron, Santa Fe
Dorothy Hoard, Los Alamos
William Knightly, Santa Fe
John Konopak, Nambé
Kathy Perkins, Santa Fe
Gloria Sawtell, Santa Fe
Ron Schultz, Santa Fe
Paul Smith, Los Alamos
Richard Soloman, Santa Fe

1994 STATE OF THE PARK REPORT BANDELIER NATIONAL MONUMENT

Overall, this past year was much better than previous years. As you know, the previous year was grim. The budget was so tight that we were forced to discontinue all guided walks, evening campfire programs, special programs and coffee with a Ranger. We received a budget increase this year that permitted us to resume those popular programs. However, our operation will be tight again this coming year (FY95). There will be a limit on the number of paid personnel we can hire. The net result will be the discontinuation of some guided walks and programs similar to last year but not as serious.

Bandelier National Monument's Annual Operation budget for the Fiscal Year 1994 was increased by \$286,000. The total workforce in FY 93 consisted of 36 permanent positions and 20 seasonal positions. FTE's for last year totalled 45.4. We will have 43 FTEs this year, a loss of 2.4 FTEs. Exaggerating that loss this year is the fact that 3 permanent Resource Management positions were vacant last year and are being filled this year, thus further impacting our discretionary use of FTEs for seasonal positions.

INTERPRETATION: This was a good year for the Interpretation operation. Although two permanent positions out of five remain vacant, we were able to hire enough seasonal rangers to once again offer a full schedule of programs and visitor services. Total visitation at the Visitor Center was 209,683; an increase of 3.78 percent over 1993.

New this past year, we hired a sign language interpreter to sign at several of our programs during the course of the summer. The Friends contributed \$500 towards our cultural awareness program. Thirteen artists demonstrated their crafts for 33 days from Memorial Day to Labor Day. The "Visit with the Artist" program was scheduled 30 times and 705 people had an opportunity to meet the artist first hand.

A pair of handmade moccasins was purchased from Ambrosio Toya of Jemez Pueblo. Mr. Toya is one of the few people carrying on this traditional craft. This was the first purchase of traditional craft items from the Cultural Awareness Program participants sponsored by the FRIENDS. These items will become a part of Bandelier's permanent collection representing work of the 1990s.

We will have the Tim Kohler exhibit about recent archeology research sponsored by the Friends ready when the museum area reopens. You may recall that we closed the museum exhibit area and removed the items while the Visitor Center was being re-roofed. During that process we learned that the security system was not protecting the exhibit items so we have had to keep the exhibits closed while trying to resolve the problems. We hope to reopen the exhibits sometime in January. Valuable assistance in all park operations continues to be given by our Volunteers. In FY 1994, 89 active volunteers contributed over 13,000 hours of their time to Bandelier.

RESOURCE PROTECTION: Due to a substantial contribution from the "Friends" during the summer of 1994, patrol rangers were able to consistently provide backcountry patrol coverage. Instead of being committed to parking lot/traffic control duties in Frijoles Canyon, rangers could average 4-5 days per week in the backcountry areas. This year those traffic control duties were handled by two parking lot attendants, one of whom was funded by the Friends of Bandelier. They did an excellent job and allowed us to concentrate on our primary responsibility of protecting park resources.

As a direct result of the time "freed" by having the parking assistants, one of our main projects this past summer was to begin a systematic review and monitoring program of the archeological sites that were recorded either during the recent five year survey or in previous surveys. We wanted to see how they have fared in the time since they were recorded and were especially interested in documenting any human-caused damage to these sites which may have occurred in the interim. We also noted damage from burrowing animals and impacts from erosion, fallen trees, etc. During the season we were able to check

305 archeological sites that had been previously recorded and approximately another 25 that had not been previously recorded.

The feral cattle trespass situation moved toward closure this year. An Environmental Assessment (EA) was completed with the intent of permanently removing the cattle from the Monument. Options included direct reduction (destruction) of the cattle, and with support from a majority of the public who responded, that alternative was selected. During the process, the cattle had moved out of the Monument and upriver onto Department of Energy lands. The river corridor fence-- which is annually damaged by flooding at the mouth of Frijoles Canyon -- was re-constructed. No cattle were found in Bandelier until May when a few were found to be in "sensitive areas", as defined in the EA, and four animals were destroyed. In July, more cattle entered the Monument when a portion of the fence was removed by unknown persons and eighteen feral cattle were again destroyed. Since that time, no other cattle have entered the area and the fence has been strengthened. We continue to work with the DOE, USFS, the State Livestock Board and local ranchers to prevent damage to resources and further trespass.

New restrictions in camping/overnight use areas and length of stay limits were offset by the opening of the area of Base Camp to camping. Inventory of sites, trail conditions, and impacts continues. The Trails Illustrated Map of Bandelier was revised and re-printed late in the season. New protective zones around archaeological and cultural sites were delineated and some wording was strengthened with regards to protection of resources and flash flood potential/safety.

EMERGENCY OPERATIONS (EMS/SAR/FIRE): In general, emergency operation incidents were few in total number. The exception was a single fatality in Alamo Canyon in February when a young male apparently fell while dangerously jumping between rock outcroppings. His fall was unwitnessed by his companions and they were unable to locate him. He died from injuries suffered in the fall before rescuers could find him.

FEE COLLECTION: Fees collected for 1994 increased, with a total of about \$467,000. Three fee positions were filled through the majority of the use season, and a new fee collection supervisor allowed patrol rangers to concentrate more fully on resource protection duties. The campground was open from March to November.

MAINTENANCE: We continued replacing the old foam roofs with old fashioned built-up roofs. The Regional Preservation Crew removed the old foam roof off the Administration Building and installed a new built-up roof over the entire building. We continued with a modest trail rehabilitation program. The Frey Trail was rebuilt in some sections, as was the Falls Trail. Both these trails were severely damaged during heavy rains a couple of years ago. Some work was also done on the Frijolito Ruins Trail.

We purchased vault toilets to replace the pit toilets at Ponderosa Campground and Ceremonial Cave. They will be handicapped accessible and installed in this coming summer. The Regional Office also provided funds to replace all the picnic tables at Juniper Campground with vinyl coated table top and seat and metal frame. We also received special funds to help mitigate hantavirus rodent infestation problems throughout the park in quarters and other buildings. Two new sewer lagoons were completed to serve the canyon facilities. Initial work began in August of 1993, with final completion in December of 1994. The lagoons are now in use and will allow optimum operation of the system.

With funds donated by the FRIENDS, we purchased new accessible picnic tables and fire grates and material to construct the path and pad around the tables, but could not complete the project because the volunteer help requested was not forthcoming. We have made arrangements with American Eagle Aviation to help us with the project.

RESOURCES MANAGEMENT: Dr. Craig Allen was officially transferred to the National Biological Survey during the fall of 1993. He continues to work at the park in what is now called the Jemez Mountains

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These results will be published by the NPS in 1995. Collaborative fire history research with the University of AZ Tree-Ring Lab continued.

Bandelier treated 309 acres with management-ignited prescribed fire during the year: 76 acres were burned in April in Frijoles Canyon between Upper Falls and the bridle trail crossing and 232 acres were burned in September west of park Fire road #1 and south of State Route 4.

Park personnel worked 6,958 hours on out-of-park wildfire actions, including suppression actions in New Mexico, Arizona, California, Washington, Montana, Idaho, Colorado, Utah, Texas and Oregon.

CULTURAL RESOURCES: The 20'x20'x12' Bally Building Modular Structure (officially named "AGOYO ONE", meaning Starfire in the TEWA language) has been completed. This self-contained, environmentally-controlled modular unit will house the park's highly sensitive objects. In early December, we installed a "Spacesaver Mechanical Assist High Density Storage System". This compact storage unit will hold the Pablita Velarde and Naumer paintings, ceramics, ethnographic materials and some CCC tinworks. Many objects will be placed on open shelves and on art racks instead of in cabinets. This type of open storage facilitates housekeeping and routine inspections in a fully controlled environment. It also allows visitors and researchers easy viewing access to materials and limits object handling and jostling.

We thank you very much for all your help and support. You really do make a difference. You really do.

NATIONAL PERFORMANCE REVIEW: As a result of Vice President Gore's "reinventing the government" the total federal workforce must be reduced 272,900 FTEs. The NPS share was 1,325. Reduction is to occur mainly in the central offices. The NPS determined that we could not reduce the central offices by 1,325 without exponentially reducing their effectiveness. Therefore, we decided to re-engineer.

In addition to reducing the Washington Office (they will deal only with policy and congressional and higher level administration liaison/coordination rather than operations), 10 Regions were reduced to 7. Each Regional office was also reduced in personnel. The Department of the Interior was so impressed with our re-engineering plan that they reduced our FTE reduction target from 1,325 FTEs to 225. Saved FTEs are to be relocated in the field or in direct field support positions. Each of the 7 Regions will have 2 or 3 System Support Offices (SSO) which will provide technical support to a group of parks (called a Cluster) within each Region.

Bandelier is located in the new Intermountain West Region which covers the states of Montana, Wyoming, Colorado, Utah, Arizona, New Mexico, Oklahoma, and Texas. This super Region is divided into 3 clusters: the Northern Rockies (Colorado north), the Desert Southwest (New Mexico/Oklahoma/Texas south) and the Colorado Plateau (the 4-corners area). Bandelier is in the Desert Southwest with Santa Fe serving as our SSO. The park Superintendents within each Cluster will serve as a sort of Board of Directors, allocating resources, sharing personnel and equipment and providing mutual assistance in problem solving. The Desert Southwest Cluster is the largest Cluster and will certainly challenge this "Board of Directors" concept. The parks will assume many of the old Regional Office responsibilities.

Roy W. Weaver, Superintendent

Thanks again for your support.

