



In-Situ



Newsletter of the Nevada Archaeological Association

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Summer 2008

PRESIDENTS CORNER

Eva Jensen, NAA President

OREGON ARCHAEOLOGY boasts the oldest, put it in polite terms, 'coprolite with human DNA'. Everyone should know the archaeologist that claims that prize was trained in Nevada! Before Dennis Jenkins was a Dr. he was a "Master" at UNLV in Nevada, proving, Nevada archaeologists really know their coprolites. The NAA works hard to uphold that proud tradition!

THANKS TO ALL NAA MEMBERS and everyone for doing such a great job to make archaeology in Nevada the best it can be. We have had growth in the participation every year I have been involved as a board member. I want to personally thank the members and everyone willing to share their time to make it work. This is my first official 'President's Corner' report with the usual information and hopefully a little humor on the side. I plan to stay in the corner, and help you keep this organization strong.

PRESIDENTIAL THANKS to former presidents Greg, Steve, and Anne, and the others who have lead the organization and are always willing to offer advice. Last year board members helped behind the scenes to make this year one of our most successful ever, and one 'heck' of a lot of fun (that's a word from my Utah roots).

BOARD LOSSES were small in number but huge in scope. David Valentine served on the board for over 10 years holding several different positions. (Hold that position Dave.) As newsletter editor, secretary, member at large, Dave set a high standard for the remaining board members to uphold. Dave recruited me and

several other board members past and present to help with the NAA. He strongly encouraged student participation in the organization. His untimely defection to Idaho will be a great loss to the NAA, but he did promise to keep in touch from the spud mine fields whenever possible. Maybe we can get him to come back and cook his famous Dutch oven potatoes now that he has unlimited supply! We'll miss the pun master. Congratulations on your new job! We look forward to the first NAA, Idaho Chapter.

BOARD MOVES were also minimal this year. Eight members were retained for another year and George Phillips joins us as the treasurer. George was a bank executive in his former life and he says he hates money and accounting so he'll slip right in where the former treasurer (I) left off. I've seen him count money...don't worry! Greg Seymour will act as a board member at large while he gets settled in his new job as Executive Director of the Great Basin National Heritage Route. Other positions remain as follows:

Suzan Slaughter, Newsletter Editor; Daron Duke, Membership; Greg Haynes, Secretary; Hal Rager, Webmaster; Liz Russell, Site Steward Liaison; and Mark Giambastiani, Member at Large. Mark has served as program chair for the Annual Meeting two years now and we may put him on retainer or in restraints for that duty for life.

MINDEN WAS OUTSTANDING as a venue for our Annual Meeting this year and we were pleased to honor the memory of Alanah

Woody in her home town, for her work to support and promote Nevada archaeology. The session organized by Pat Barker and Don Fowler highlighted research dear to Alanah and featured her beloved volunteers and husband Gus with the Alanah Chronicles of her remarkable career.

OUR SATURDAY PAPER SESSION was one of the strongest ever. It is great to be able to say that every year. It means we are not getting older...just better! (I keep telling myself that but the doctor just keeps saying 'as you get older'). Plans to select papers from the last few annual meeting sessions for a journal volume are under way. This year's meeting had the most registrations ever. We have had over 100 people attending for two years in a row! A dynamic auction team with Mark Henderson, Jeff Wedding, Bill White, Diane Winslow, and others were raking the dough out of your wallets for the NAA. Thanks for your generosity! Jeff Wedding suggested a "NAA Committee for Auction Affairs and Beer Drinking". As one of my first official duties, Mark Henderson, Jeff Wedding, and Bill White are duly so appointed to pry pennies from your pockets at the next meeting, and whatever the last part of the

committee title implies. I'm looking forward to that committee progress report.

ARCHAEOLOGY MONTH posters and activity brochures were distributed with the help of generous support from private CRM firms and three federal agencies as well as the SHPO Preservation Grant. Activities relating to the New Deal in Nevada generated a lot of interest and provided an opportunity to introduce people to archaeology outside the crystal skull syndrome.

KEEP DOING WHAT YOU ARE DOING. I would love to hear your comments and suggestions. We will be continuing our program evaluation that Greg started last year and will likely offer some revisions for your approval in the next year. Encourage your friends to join. As Webmaster Hal says, **"Hundreds of good looking archaeologists can't be wrong!"**

P.S. You are invited to join the board for the next meeting in Austin where I will unveil my presidential Hawaiian shirt in the proud tradition started by former presidents Steve and Greg. Happy trails!

Eva

Next Board Meeting

NAA Quarterly Board Meeting Austin, NV July 19 at 3:00 p.m.

The next quarterly board meeting will be held at the Bob Scott campground, Saturday July 19, at 3:00 p.m. The campground is just east of Austin, NV, on Highway 50, at Bob Scott summit. On Saturday morning at 9:30, we will have a tour of the historic churches of Austin. Meet at 9:15 at Cedar and Main in Austin (there was a parking area on the northeast corner last time I was there). All NAA members and guests are welcome to join us for the tour and board meeting.

We have the group area reserved at Bob Scott campground and some board members will be camping Friday and Saturday night. For other lodging information and information about Austin check out these web sites: <http://austinnevada.com/index.html> and <http://www.ausnvhistoc.com/>

NEWS FROM AFFILIATED ORGANIZATIONS

Archaeo-Nevada Society (ANS)

If you have questions about membership or if you are already a member and need information about your membership or dues, feel free to email us at membership@archaonevada.org

Elko County Chapter, Nevada Archaeological Association

Meetings will be held on the first Friday of the month, at 7:00 p.m. in a variety of locations. Please check each month as times may change. Everyone interested in archaeology is welcome to attend. If you have any questions please call Donna at 738-6269 or email murphys@citlink.net.

Nevada Rock Art Foundation News

Kim Hopkinson (khopkinson@nevadarockart.org)

As part of NRAF'S Distinguished Lecture Series Polly Schaafsma will be coming to talk to NRAF audiences in Reno, Elko, and Las Vegas in October 2008. Polly Schaafsma is a leading authority on the rock art of New Mexico and the Southwest, as well as the Great Basin. She is a research associate of the Museum of Indian Arts and Culture/the Laboratory of Anthropology of the Museum of New Mexico. The lecture series is made possible by a grant from Nevada Humanities. Please check the NRAF website for further updates, as well as venue information, at www.nevadarockart.org

The 2008 field season of the Lagomarsino Rock Art Documentation Project kicked off on May 24th. Despite poor weather, the massive project, started in 2003 in partnership with Storey County, progressed significantly during this one week session. The site contains an estimated 1,000-5,000 rock art panels, and as of June 2008 NRAF

Ongoing events include Northern Site Tours to Grimes Point on July 19th and August 16th. Call Kim Hopkinson at 775-323-6723 or email info@nevadarockart.org to reserve a place.

Site Stewardship News

Carl Bjork, West Central Nevada Regional Coordinator

The Walker River Paiute Tribal Council hosts the 1st Nevada-SHPO Volunteer Archaeological Site Stewardship program refresher class on the Walker River Paiute Reservation, in Schurz, Nevada. On April 5th, 2008, SHPO trained site stewards from the West Central Nevada and Northwest Nevada regions, and members of the Walker River Paiute Cultural Committee, with interested tribal elders, came together to share and discuss the need for protecting and preserving sites that are held sacred to the Paiute people; and archaeological sites that are important to saving Nevada's historical heritage.

Melvin Brown, Paiute and site steward, opened the meeting with Sali Underwood, SHPO Site Stewardship Program Coordinator. Melvin told the group about the importance for coming together to share on the reservation. Sali gave a brief outline of the new SHPO-Nevada Volunteer Site Stewardship Program. Carl Bjork, West Central Nevada Regional Coordinator, shared local area site status and the importance of a multi-approach for monitoring sites that are important to the Paiute people. Members of the Paiute Cultural Committee expressed a need for a method of sharing site information, regarding site damage and identifying sites that are important to the Paiute people on Federal public lands. Members were interested in the SHPO site stewardship program and how it could be adopted for use on the Reservation.

The refresher class covered using electronic forms and email for reporting site visits and public visitor impacts to sites in the West Central Nevada Region. More than 30 people attending the refresher class meeting enjoyed an excellent lunch and refreshments provided by tribal members. After a great training meeting and lunch, the Cultural Committee invited all in attendance to visit an important petroglyph site on the reservation. Years ago, Highway 95 was constructed through the middle of the site and, again when the highway was re-routed an important petroglyph boulder was up-rooted and dumped off of the new alignment. At the site, it was learned that the disregarded rock was a “doctor-rock” and is considered very important and sacred to the Paiute people.

For additional information contact: Sali Underwood, saunderw@clan.lib.nv.us (702) 486-5011 or Carl Bjork, carlbjork@comcast.net (209)772-1480.



Doctor Rock – The petroglyph boulder is held sacred by the Walker River Paiute people. The rock is now rolled 90 degrees from its original position; it was up-rooted by highway construction for a new alignment of Highway 95, north of Schurz, Nevada. Note the coins on top of the rock. After a prayer asking for safety and health, or good luck, a gift of coins or other object is left at the rock.



Site stewards and Paiute tribal members discuss the future of the Doctor Rock petroglyph site. Melvin Brown, Paiute site steward (center) talks with Johnnie Williams (Paiute elder) and Patricia Ellis; both site stewards.

SHPO NEWS
Alice M. Baldrice
State Historic Preservation Office

The Nevada State Historic Preservation Office (SHPO), like every state agency, is sustaining budget cuts that will reduce SHPO's ability to fund grants. Terri McBride, the SHPO National Register coordinator, has taken a position with the Legislative Counsel Bureau and that position will remain vacant for the time being. Future cuts may be necessary although demand for SHPO services remains high. SHPO asks that members of the public requesting information and assistance on the Centennial Ranch program, the State Marker program and the State and National Registers be patient. Existing SHPO staff will help them to the best of their ability although SHPO power to act on requests may be delayed or limited."

SOLICITATIONS, EVENTS AND ANNOUNCEMENTS

2008 Ting Perkins Award
Eva Jensen, NAA President

The NAA Board of Directors and members are happy to recognize Anne McConnell with the Ting Perkins Award for 2008. Anne gives hundreds of hours each year to many different organizations, institutions, and agencies to help protect archaeological sites. Anne assists the NAA in editing and preparing the Nevada Archaeologist Journal for printing. Her professionalism and dedication is exemplary in this capacity and she often has to urge other reticent editors to get material to her so she can get things moving when we slow down. Anne has been involved in the site steward program since the beginning and helped establish the training and she continues to be one of the most reliable stewards in the program. She recently took on the responsibility of being co-coordinator in Las Vegas Valley area.

In American Rock Art Research Association she caught up the layout/editing work on seven past journal volumes and she has done the layout/editing work on ten volumes since. She has worked to arrange speakers of Southern Nevada Rock Art Association monthly meetings for many years and has served as president of that organization for two years. At the Lost City Museum she worked to organize and catalog the library; to make a photo inventory of collections; and helped with a project to photograph the pottery collection.

Anne suggested improvements for the IMACS Rock Art attachment, and with her computer skills she created a simplified condensed form to capture important information in an easier format. This form was accepted by SHPO and incorporated into the recording procedure. Anne was an original member of the volunteer Nevada Rock Art Documentation Project that was a precursor to the Nevada Rock Art Foundation (NRAF). She continues to coordinate NRAF's efforts in southern Nevada, organizing training, setting up and participating in recording projects, and spends countless hours hosting inking sessions and preparing finished project books in a highly professional manner. These recording projects have helped the Federal agencies manage the cultural resources of Nevada.

NRAF Executive Director Angus Quinlan offers the following insight about Anne's contribution to NRAF.

Anne McConnell has played an important role in coordinating NRAF's efforts in southern Nevada. She has contributed both to the implementation of NRAF's mission, to identify and document rock art sites at risk, and enhanced NRAF's organizational capacity in the Las Vegas area. In the field, Anne has coordinated volunteers documenting rock art sites, assisted staff archaeologists in collecting IMACS data, keeping photo logs, tracking and inventorying fieldwork materials, and generally been available to lend support where ever it is needed. She has contributed to the post-fieldwork phase of projects by inking and

correcting field drawings of rock art. Anne also leads NRAF's public outreach programs in southern Nevada by organizing monthly tours to Valley of Fire State Park, arranging tour leader schedules, handling sign-ups and publicity. In addition to these, Anne also manages the NRAF southern library, and fields membership and press enquiries from the Las Vegas area. In recognition of her numerous contributions and volunteerism on behalf of NRAF, Anne was honored in 2006 with the Holmes Volunteer of the Year Award.

Ken Hedges says, "...she has always been a superb helpmate, a great hostess (best hotel in Vegas, in my humble opinion), field trip guide, etc. etc. Always gracious and willing to help, even when she has a perfect right to be disgruntled and pissed off." Anne has been a great help to the Lost City Museum. With her assistance we were able to complete some very big projects inventorying library and photographing collections. Anne also helped edit my thesis and without her it would probably still not be done. Thanks Anne!



Anne McConnell 2008 Ting Perkins Award

NAA President's Award for Outstanding Service to the Organization

Steve Daron, NPS

A new award was initiated at this year's annual meeting. The award is the President's Award for Outstanding Service to the Organization. The award is given by the current or past president (in consultation with the current president) to an individual or group. It is to recognize contributions of time and service to the NAA above and beyond what is expected on a project that exemplifies the mission and goals of the organization. the recipients exhibit outstanding leadership and dedication to get the project up and running and well established.

Two individuals received the award at the annual meeting. Dave Valentine received the award for his service as editor of *In-Situ*. When Dave took over editorship in 2000, he had a goal of expanding the newsletter into a more professional publication with information about what the organization was up to, what the individual chapters were doing, and including articles about fieldwork around the state. Dave worked hard; he twisted arms and hounded people to give him the articles needed. He did these things in ways that only Dave could do and made you feel good because you were doing it for the NAA.

Eva Jensen received the award for her service in the site stewardship program. Eva has been involved in the site stewardship program for several years. She has worked behind the scenes to bring groups together and work toward compromise on issues that could have destroyed the program. She was the rational voice that kept reminding us that we needed to stay focused on the stewards and the resources and everything else would come together.

Sixth World Archaeological Conference, Dublin, Ireland

Jill L. Jensen and William B. Fawcett (Archaeologists, BLM Elko District) have organized a theme on communal hunting for the 6th World Archaeological Congress in Dublin, Ireland (June 29-July 5th, 2008). Papers in their theme (including several on pronghorn traps and

bison hunts) can be viewed at the website: www.nevada-archaeology.org. More than a 100 other papers and posters of archaeological interest from throughout the world can also be viewed at the WAC6 website: www.ucd.ie/wac-6/

Lost City Museum

Terri Wade, Lost City Museum Attendant

The Lost City Museum is continuing its Monthly Art Exhibits. Upcoming events include:

July 1 thru July 31, 2008; Janet Trobough: Janet was born and raised in the Pacific northwest, enjoyed a successful career in Oregon and Washington and now calls the community of Overton, Nevada home. Her work reflects her interest in Native American women's culture, stemming from family roots that go back to the Cherokee Nation in Oklahoma.

August 1 thru 31, 2008; Artist – Joyce Spavin: Spavin moved to Las Vegas in 1970 after receiving an education in Graphic Arts in New York. Spavin's inspiration for her printmaking, etching, linocuts, block printing, and embossing comes from the southern Nevada desert. Her work includes machine and hand-appliquéd wall hangings, as well as wearable art such as capes, evening coats and hand bags.

September 1 thru 30, 2008; Linda Grove: Originally from Orem, Utah, Linda now resides in Mesquite, Nevada. Grove uses acrylic and pastels, in combination, to paint on ceramic tile. The variety of subject matter has found favor with numerous people.

2008 GREAT BASIN ANTHROPOLOGICAL CONFERENCE

Portland, Oregon

The 31st biennial Great Basin Anthropological Conference will be held **October 8-11, 2008** on the campus of Portland State University at University Place in downtown Portland, Oregon. In keeping with the conference location outside the Great Basin, the theme of this year's gathering is *Beyond the Fringe: Interactions Between Great Basin Peoples and Their Neighbors*. With one symposium dedicated to this concept, a second honoring the contributions of anthropologist Kay Fowler, and several other sessions in the works, the 2008 conference promises to be a fine one.

Presentations related to all anthropological sub-disciplines are welcome. Submission forms for symposia, and individual papers and posters are available on the [GBAC website](#) for downloading and should be e-mailed to [Dr. Dennis Jenkins](#). All updates will be on the [GBAC website](#).

Troop movements

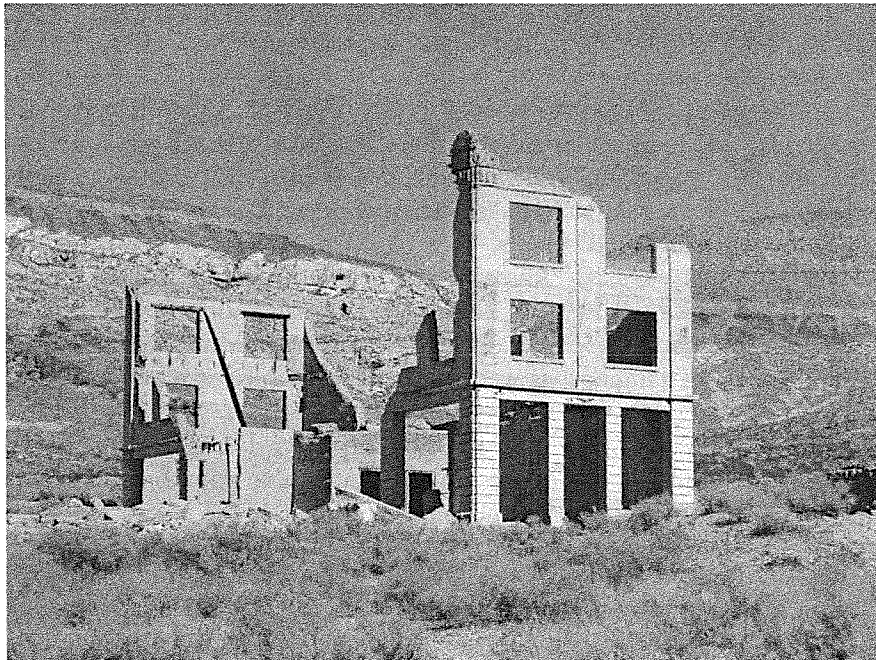
Mark Boatwright, Bureau of Land Management

Kathleen Sprowl has recently become the BLM Pahrump Field Office Archaeologist. This is a newly created position due to the three-tier re-organizational hierarchy that the BLM is now implementing. Once completed, the BLM organizational structure will be consistent throughout every region that the BLM operates. All of us here at the BLM, and particularly those of use who will be working closely with Kathleen, sincerely appreciate the work ethic she brings to the position. Also, given her local experience working with the Forest Service and Fish and Wildlife Service, she is one of the most knowledgeable archaeologists working in the area. We at the BLM are truly fortunate to have Kathleen as part of our team and look forward to working with her.

PROJECTS, ARTICLES, MINI REPORTS

Ghost Hunting in Rhyolite

William White, Statistical Research Inc.



Ruin of the Cook Bank in Rhyolite

Over a five-week period in May and June, archaeologists from Statistical Research, Inc. under the direction of William White along with Scott Baxter, Past Forward, Inc., conducted an archaeological and architectural inventory of the Rhyolite townsite. Susan Rigby, Bureau of Land Management archaeologist at Tonopah, oversaw the Section 110 project as contract representative.

Situated in southwestern Nye County, Rhyolite was a gold mining boom town that sprang into existence in 1905 and was gradually abandoned after its peak in 1907. Aside from a population high of 8 to 12 thousand during its heyday, the boom town boasted three railroads, electricity, and piped water for indoor plumbing. The abandoned town is now one of the most visited and photographed ghost towns in the West with many tourists making a pilgrimage there on their way to Death Valley.

During the inventory, thirteen building ruins exhibiting architectural detail were documented. Additionally, over 600 archaeological features were located and recorded in an area covering roughly 69

complete and partial city blocks. GIS overlays of a 1909 town plat coupled with a partial 1909 Sanborn Insurance map assisted in the identification of features during fieldwork. GPS data insured accurate location of features within individual town blocks and lots. Identified archaeological features consist of excavated and raised building and tent pads, rock foundations, adobe-melt walls, water pipeline trenches, cellars, power pole locations, domed rock ovens, privy pits and cesspools.

Unlike privy pits found in the project area, some former cesspools are extreme safety hazards. Once covered with wood decking and a layer of soil, the decking has rotted and collapsed revealing deep open shafts. One shaft was recorded with a depth of 20 feet. Difficulty in distinguishing the difference between filled privy pits and covered, uncollapsed cesspools added to the thrill of feature recording. "You just don't want to be standing on top of one of them let alone looting one for a quick e-Bay sale," reported Bill. Though no ghosts were encountered, two friendly rattlesnakes were.

Collected data will be used by BLM to increase public safety and enhance public interpretation of this early twentieth-century mining town. Feature analysis and report preparation are underway.

Notes on the Replication of Curvilinear Stamp Ceramics

Sabra Gilbert-Young, Nevada Department of Transportation

Chris Young and I recently moved back to the Great Basin after a ten year timeout for graduate school and jobs in northwest Alaska. For a mid-winter bit of fun we signed up for an introductory ceramics class taught at a local artist cooperative. Suzan Slaughter rounded out the cadre of NDOT archaeologists at this night class. When it came down to selecting vessel form and decorative techniques the three of us often found ourselves reaching back into the archives of memory and basing a portion of our pieces off of archaeological specimens we had found in the field or viewed in books and museums.

I have been interested for some time in replicating stamped pottery, more commonly found in prehistory of the Arctic regions. Primarily designs are geometric (checks, lines, dots, etc.) but realistic representations of nature (like miniature tracks of animals) do occur. The concentric circles of the curvilinear stamped pottery of the Western Thule culture period of the northwest Arctic is one of the most beautiful design forms I've seen. Giddings (1967:88-89) offers a dramatic description of finding some:

As we continued to work on House 7, the rich floor layer in the main room and kitchen yielded, that day and the next, a wide variety of artifacts and bones along with evidence as to where people had slept and how they had prepared their food. The kitchen floor was half a foot thick in red to yellow ash, and black in spots with charcoal from half-covered fires. Throughout this moist paste occurred the sherds of broken pottery vessels. Enough fragments of one such vessel were recovered to allow its partial reconstruction... It represented a slightly conical cooking pot with a flat-topped rim and holes for suspension and was capacious enough to hold three or four gallons of liquid. The outer surface was covered with concentric circles impressed in the wet clay by striking repeatedly with a rounded paddle on which had been carved a series of raised circles. This was a method of designing that lasted, we now know, from about A.D. 700 to 1400, encompassing the Western Thule culture period which was first identified at Point Hope in 1939.

The reader is referred to the fine works in the references section should they want to read more in depth on this subject. Basically, prehistoric peoples carved the (reverse) image of their desired stamp onto a hand held paddle. The paddles were commonly made out of bone and ivory, although I am certain that wood would have been occasionally utilized as well. Some excellent specimens have been illustrated in Fitzhugh and Crowell 1988:125; Giddings 1952:Pl.XIII.9; Lucier and VanStone 1992:17.

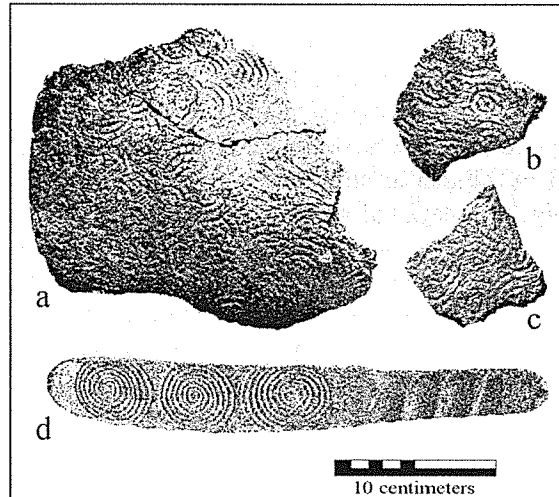


Figure 1. Curvilinear stamped pottery sherds from the Ahteut Site, northwest Alaska (a-c). (D) is a pottery paddle from the old Kotzebue Site, northwest Alaska. Note the three concentric circle patterns and finger grips carved into the handle. Illustrations based on specimens from Giddings (1952).

Being fresh out of walrus ivory tusks to carve a paddle on I went to a discount mega-store and purchased a few pieces of balsa wood. I carved a concentric circle pattern into the soft wood with a small metal sewing awl and pressed it onto some wet commercial clay. This first paddle was functional but also left straight line impressions from the edges of the paddle.



Figure 2. First replicated paddle (bottom) and second replicated paddle (top).

Undaunted, I next tried gluing some cotton yarn in a spiral pattern onto another piece of balsa wood and impressed it upon another scrap of clay. Success! The resulting impression was a crisp spiral without the edge lines.

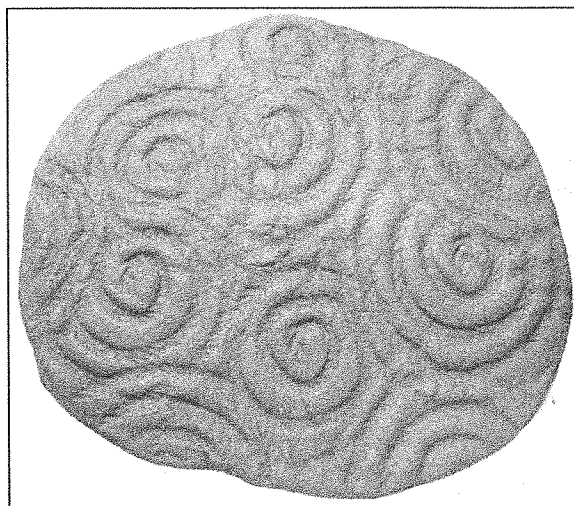


Figure 3. Sample of replicated curvilinear stamp pattern.

The next night I took my (second) replicated paddle to the cooperative and liberally paddled a vessel I had been formed the week before and kept covered with plastic. The stamped vessel was air dried, painted with an engobe (a colored slip), fired, dipped in a commercial glaze and slow fired again overnight to a cone ten. The final production vessel is a wee bit overbaked but a modern twist to the curvilinear stamped sherds that I so loved to find in the field.



Figure 4. Finished footed bowl.

Suzan recently took a trip to Mata Ortiz, Mexico, and observed the villagers pit firing techniques. She has promised to demonstrate that technique pending collecting the requisite amount of *caca de vaca*. If you haven't asked yourself yet what on earth all of this has to do with Great Basin ceramics or NAA business, the answer is Suzan needs material for the newsletter. Get cracking folks or next issue you might find a *nugget* on Suzan's new firing experiment.

References Cited

- Fitzhugh, William W. and Aron Crowell
 1988 *Crossroads of Continents: Cultures of Siberia and Alaska*. Smithsonian Institution Press, Washington.
- Giddings, J. Louis, Jr.
 1952 *The Arctic Woodland Culture of the Kobuk River*. University Museum Monographs. University of Pennsylvania, Philadelphia.

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Lucier, Charles V. and James W. VanStone
1992 Historic Pottery of the Kotzebue Sound Inupiat. In *Fieldiana: Anthropology, N.S.*, No. 18,
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Using LiDAR in Historic Preservation

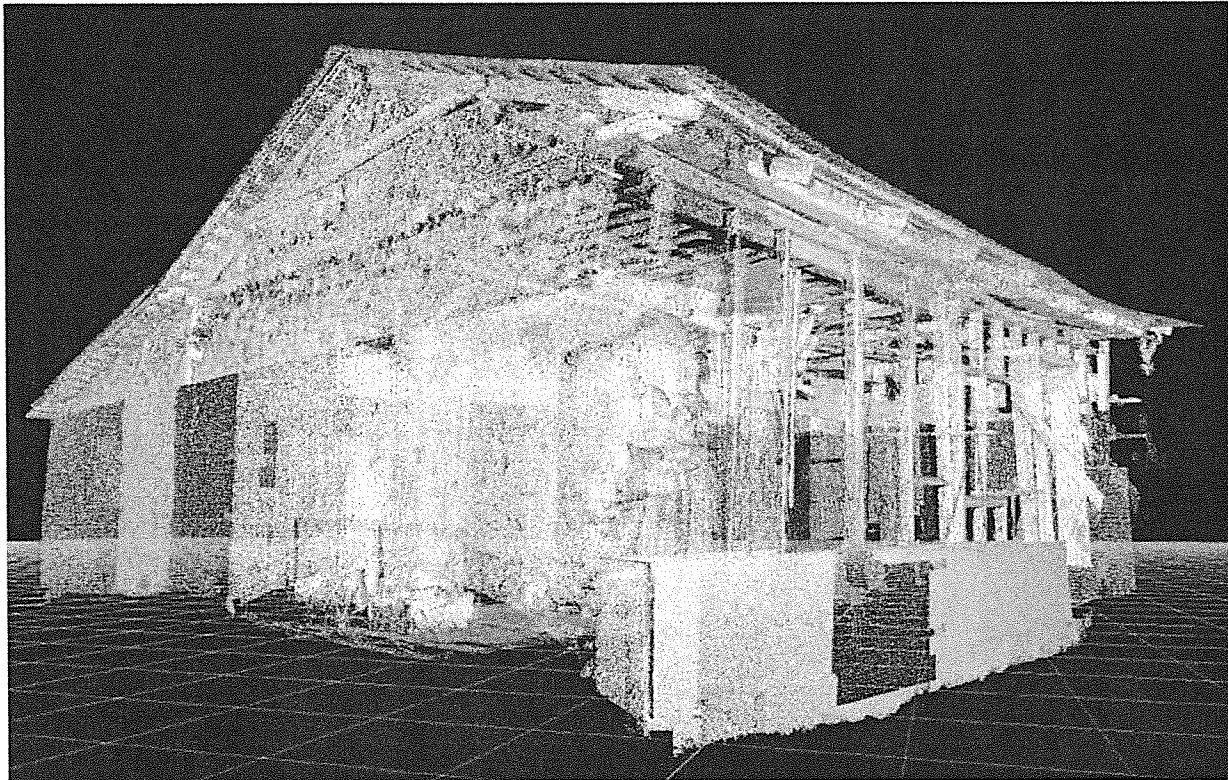
Suzan Slaughter, Nevada Department of Transportation

Vandalism and structural decay pose a serious threat to historic structures in our state. With every passing year we lose bits of our history to the depredation of time. The cultural resources section at Nevada Department of Transportation (NDOT) is exploring the possibility of mitigation of this destruction through the use of LiDAR (Light Detection And Range) technology. NDOT possesses two terrestrial LiDAR instruments, usually employed to measure bridges and road cuts. But its recent adaptation to recording historic resources allows researchers to document historic in detail that was previously impossible. LiDAR technology provides a non intrusive site scanning technique using lasers to scan any object in its path. With LiDAR it is possible to create a detailed three-dimensional model of a building with measurements accurate to a few millimeters, from the hardware on the front door to the width of every mullion in the windows. Each LiDAR measurement consists of horizontal, vertical and depth distances. The instrument is set up to record a structure from every possible angle, each set-up comprising a "scan world". When the scan-worlds are merged they form a full three-dimensional view of the resource.

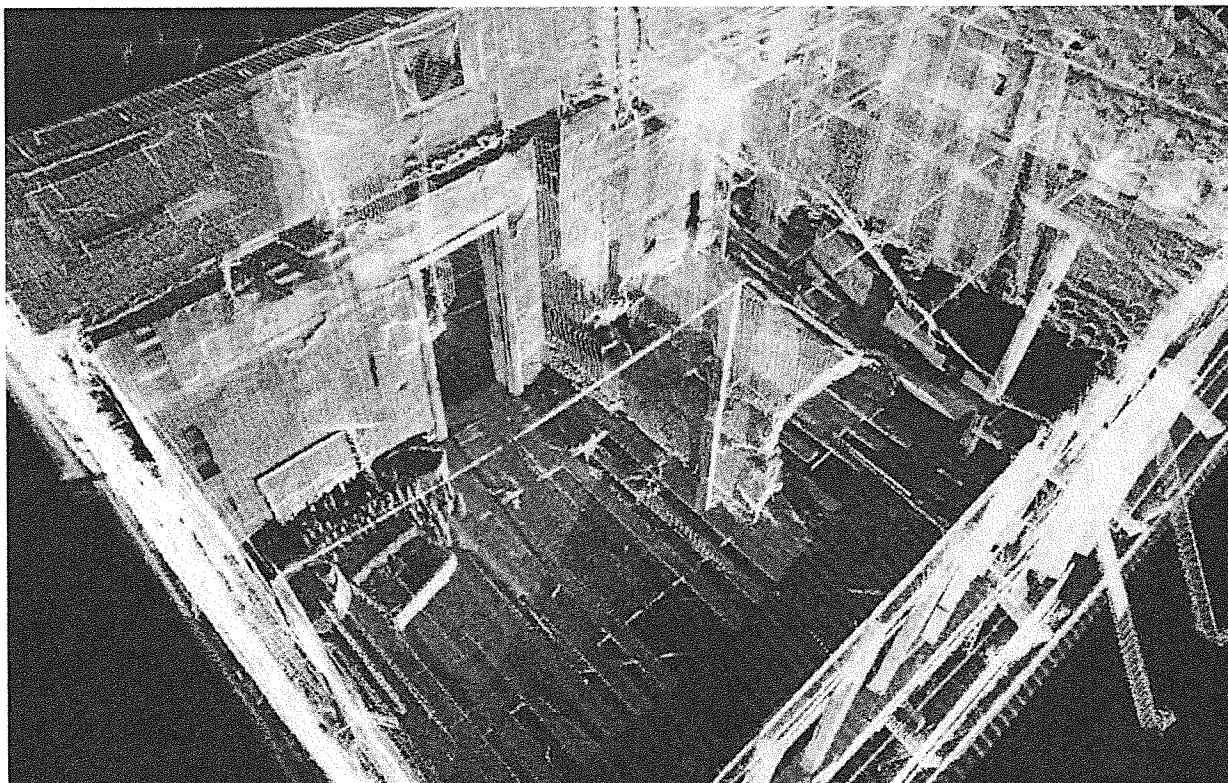
In March, 2008 the NDOT Location crew took two terrestrial LiDAR instruments to record the rapidly decaying bottle house on US 95 in Goldfield. The structure, one of the few remaining bottle houses in Nevada, was constructed around 1906. The bottles were incorporated into the upper parts of the walls, not for esthetics, but to reduce the weight of the adobe walls. Discarded beer and liquor bottles, always easy to come by in turn of the century mining towns, provided a cheap and expedient building material.

The structure is privately owned and over the years several attempts have been made to stabilize the structure. A new roof was constructed and a concrete foundation and wooden wall framework have been constructed at the front. Citizens of Goldfield have been collecting bottles from other locations in the area and stockpiling them in the bottle house in anticipation of reconstruction of the collapsing walls. Because of decay and well meaning but unprofessional attempts at restoration, the structural and historic integrity of this unusual bottle house is in imminent danger of destruction. It took the crew the better part of one day to fully scan the structure from every angle, including the interior and the underside of the eaves.

While it may not be possible to preserve the Goldfield Bottle house, a detailed three dimensional record of the structure now exists. The information contained in the LiDAR scan could allow for the reconstruction of the house, as it appeared in March of 2008, to the centimeter. Each bottle could be placed in its original position in the wall. Such reconstruction of this small building is not likely; however, a three dimensional animation created from the LiDAR scans is now available for use in museums, schools, or the Esmeralda County Welcome Center proposed for the site.



Lidar image of the Goldfield Bottle House



Lidar image of the interior of the Goldfield Bottle House



Nevada Archaeological Association

www.nvarch.org

Membership Application

Join the NAA! – just fill out this form and return to:

Nevada Archaeological Association
PO Box 73145
Las Vegas, NV 89170-3145

☐ New Member ☐ Renewal

MEMBER INFORMATION *Please print*

☐ Mr. ☐ Ms. ☐ Mrs. ☐ Dr.

Last Name

First Name

Address

City

State

Zip

Home Phone

Email

Additional Member Names:

CHAPTER AFFILIATION *Check all that apply*

- | | |
|---|---|
| <input type="checkbox"/> Am-Arcs of Nevada | <input type="checkbox"/> Site Steward |
| <input type="checkbox"/> Archaeo Nevada Society | <input type="checkbox"/> None (Member-at-Large) |
| <input type="checkbox"/> Churchill County Chapter | |
| <input type="checkbox"/> Elko Chapter | |
| <input type="checkbox"/> Lincoln County Chapter | |
| <input type="checkbox"/> White Pine Historical & Archaeological Society | |
| <input type="checkbox"/> Nevada Rock Art Foundation | |

MEMBERSHIP CATEGORY

- | | |
|---|--|
| <input type="checkbox"/> Regular - \$20 | <input type="checkbox"/> Family - \$25 |
| <input type="checkbox"/> Student - \$10 | <input type="checkbox"/> Life - \$500 |
| <input type="checkbox"/> Supporting - \$50 | |
| <input type="checkbox"/> Institutional - \$10 | |
| <input type="checkbox"/> Corporate - \$50 | |
| <input type="checkbox"/> Affiliate - \$50 | |
| <input type="checkbox"/> Benefactor - \$1,000 | |

CODE OF ETHICS:

The purpose of the Nevada Archaeological Association (NAA) is to preserve Nevada's antiquities, encourage the study of archaeology, and to educate the public to the aims of archaeological research. Members and chapters of the NAA shall:

1. Uphold the purpose and intent of the NAA
2. Adhere to all antiquities laws
3. Seek the advice, consent, and assistance of professionals in archaeology and/or history in dealing with artifacts, sites, and other materials relating to antiquities
4. Assist professionals and educators in accomplishing the objectives of the NAA
5. Be a personal envoy of the NAA and responsible for conducting themselves in a manner so as to protect the integrity of the artifacts, sites, or other material

I hereby agree to abide by the Code of Ethics of the Nevada Archaeological Association.

Signature: _____

Date: _____