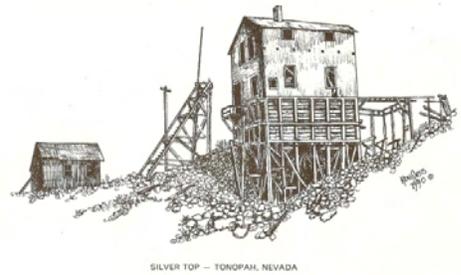


Tailings



SILVER TOP - TONOPAH, NEVADA

Volume 9-2

Fall 2011



Mining Park celebrates one year anniversary of blacksmithing in the park

It all started when Mike and Marti Barth heard about Conrad Baker's Eagle Scout Project of setting up a Blacksmith Exhibit at the park. Being members of the Tonopah Historic Mining Park (THMP) and the California Blacksmith Association (CBA) the couple approached the THMP Foundation Members and asked for permission to hold blacksmithing classes at the park. The Foundation Members gave them the approval to pursue this possibility. On July 10, 2010, after two years of networking with CBA members, a discovery meeting was held at the mining park with CBA Instructor, Eden Sanders, her husband, Dave and the Barths. Scouting the park in wonder and amazement Eden was impressed with all the park had to offer and agreed that this would be an

excellent location for blacksmithing classes. It was decided that the best location for classes and Blacksmith *Hammer Ins* would be in the outside area behind the Mizpah hoist house and Conrad's exhibit. This small area was secluded and out of the wind. Much would need to be done before classes could begin. A Nevada Humanities Grant was applied for and secured. Our blacksmithing classes were publicized on THMP and CBA's website and Face book pages, e-mails were sent announcing the event, flyers were posted around town, articles were published in the local newspaper and blacksmithing coal was ordered and delivered to the park. The mining park did not own blacksmithing equipment available for teaching classes so CBA instructors hauled anvils, forges, vises and tools to the park for our first, ever blacksmithing classes. We were pleased to have nine participants at our first event and honored to have certified CBA Instructors Josh Buhlert, Anne Monroe and Eden Sanders teach our August 2010 classes. Among blacksmithing participants who hailed from all over the State of Nevada, we had first time novices, hobbyists and one professional blacksmith. Spot Rozell, a local senior citizen, hadn't done any blacksmithing since he took a class in high school. He read about the classes in the *Tonopah Times Bonanza* and "wanted to give it a try again". It was encouraging to see Spot sharing a forge with local creative teenager, Jake Drake. Hobby blacksmith and CBA member, Mike Stanton,



Barth had previously donated. Mike also donated fire brick for the fire pot. This resulted in the park's first working forge. Larsen fabricated a stand for a leg vise donated by Mike Stanton. They also cleaned, repaired and fabricated parts for the leg vise in the blacksmith shop.

Since our first class, we have added more participants and hosted three *Hammer In* weekends with our last

from Pahrump said, "I've been trying to get blacksmithing going in the State of Nevada for years! [Nevada does not have a Blacksmith Association. Many Nevada blacksmiths are members of the CBA] Thank you so much for organizing this." All who attended were excited with what they learned that weekend and wanted to know when the next event would be held. We would like to thank CBA for helping us get our blacksmithing program off the ground. Instructor, Eden Sanders took out a THMP membership and donated a non-working forge to the park for upcoming classes.

Hobby blacksmiths, Mike Barth and Bill Larsen (with help from THMP Foundation Chairman, Stretch Baker and his acetylene torch) came to the park one weekend and worked diligently to get Eden's donated forge in working order for our next event. Barth cleaned, oiled and repaired an antique blower and fabricated and attached a new blower hose to the forge while Larsen made an ash dump gate and a wooden block to secure the anvil that

one being in August 2011. A *Hammer In* is when blacksmiths get together without certified instructors to do their craft and share ideas. The blacksmiths enjoy teaching and sharing their blacksmithing talent. They encourage those interested in the art of blacksmithing to join them. Responsible children, with adult supervision are encouraged to enroll. Visitors are always welcome to come and observe.

The park has future plans to set up a building specifically for blacksmithing classes. They hope to acquire enough equipment and tools to one day have up to twelve students per class. Donations of any and all blacksmithing equipment will be greatly appreciated and remember donations are tax deductible. With a lot of hard work, networking and support, what once was a dream has finally become a reality. For more information on blacksmithing classes and *Hammer Ins* check out the mining park's Facebook page or website at www.tonopahhistoricminingpark.com.

Memorial Donations



Nancy Stehle, donor, Bill Durbin, Chief, S. NV Division of Minerals and Mimi Rodden, THMP Foundation member with silver bars

A very generous memorial donation of three silver bars weighing a total of 382.06 troy ounces was made in memory of noted geologist, Carl Stehle. The mining park Foundation after serious deliberation decided to sell the silver and launch a long needed marketing project. Additional highway signs will be placed from as far away as one hundred miles advertising and directing the public to the park. Carl Stehle, Jr. was born in 1914 in the small town of Tuckahoe, NY just outside of New York City. His father, Karl Stehle, Sr, a German immigrant arrived at Ellis Island in 1906. Twenty-two years old and a mechanical engineer, by profession, Karl Sr. had but \$22.00 to declare. As he started his new life in America, Karl Stehle Sr. changed the spelling of his first name to Carl.

Following his marriage and subsequent birth of four sons, the family relocated to New York. Carl Jr. received his primary and high school education at Saint Anne's Academy in New York City. After graduating from high school Carl was accepted at the University of Pittsburgh and majored in petroleum engineering. In his last two years of college, Carl worked summers as a "roughneck" in

different oil fields and for mining companies to obtain basic experience. Completing his college education, Carl worked for the Getty Oil Company in Huntington Beach, California and later for Superior Oil Company in California. He also worked several years in the Wyoming oil fields. After years of gaining experience Carl entered his father's oil and mining business. This association took him to the silver mining area of Mexico, gold/silver mining areas of Park City, Utah and Trinity Alps of California, as well as the mercury mining areas of Northern California. His last assignment was managing oil production from the tar sands of Oxnard, California for the Vaca Oil Company.

Carl died at the peak of his career leaving his widow, Nancy Slover Stehle. Mrs. Stehle has long been known for her generous support of conservation, historic preservation and cultural resource management. A geologist herself, Mrs. Stehle has completed her professional career as a Cultural Resource Management consultant and presently lives in Oxnard, California with her dog, Max. She has long had a love affair with the wide open spaces of the west and especially enjoys the history and beauty of the State of Nevada.

Recent THMP Lifetime Memberships:

Bill Kottinger

Heizer Family

Karen Lampus

John Livermore

Midway Gold Corporation

Dottie Molin

Nancy Slover Stehle

2011 Nevada State Mining Championship Results



It was a cold and windy Jim Butler Days weekend, but that didn't keep our die-hard competitors away. An eventful weekend was had by all, full of fun for the whole family. A very special thank you to these sponsors: Allied Nevada Gold Corporation, Nevada Mining Association, Mud Camp Mining, Tisue Enterprises, Eason Insurance, AU Mines Inc., Boundy Surveying, Ramada Inn Tonopah Station, the Banc Club, NAPA Auto Parts, JC Shallenberger and Don Fabbi who donated money for the competition prizes. Solar Reserve also donated the 2011 Mining Championship t-shirts and ball caps while Allied Gold donated ball caps and AU Mines gave two black metal pick axes. An anonymous donor, in the name of the

mining park contributed THMP silver medallion coins to the muck crew who worked so diligently setting up these events. Purse winnings were split as follows:

Men's Mucking

Steve MacDonald	2:17.41	First	\$800
Daniel Falkowski	2:25.78	Second	\$500
Skip Leedy	2:28.19	Third	\$300

Men's Team Mucking

Jamie Eason & Kelsey Godfrey	1:05.97	First	\$400 each
Trenton Otteson & Daniel Falkowski	1:09.28	Second	\$200 each
Noah Millett & Tim Leedy	1:09.62	Third	\$150 each

Women's Mucking

Raquel Minky	2:22.91	First	\$200
Christie Amato	2:31.25	Second	\$100

Women's Team Mucking

Christie Amato & Raquel Minky	1:08.60	First	\$100 each
Toni Wombaker & Nicole Bishop	1:52.69	Second	\$ 50 each



2011 Nevada State Mining Championship Results



Men's Single Jack

Emmit Hoyl	14-16/32"	First	\$2,175
Skip Leedy	14"	Second	\$ 800
Tom Donovan	13-7/32"	Third	\$ 400
Jesse Pattridge	12-23/32"	Fourth	\$ 200
Craig Leedy	12-15/32"	Fifth	\$ 100

Men's Double Jack

Tom Donovan & Skip Leedy	20-7/8"	First	\$250 each
Emmit Hoyl & Steve MacDonald	18-9/16"	Second	\$125 each
Craig Leedy & Tim Leedy	15-13/16"	Third	\$ 75 each

Youth and Junior Mucking competitions were cancelled due to bad weather.

There was no Coed Mining Relay this year.

Photos courtesy of BJ Roberts, Tonopah Times-Bonanza Newspaper.





Mining the Sun

Crescent Dunes Solar Energy Project

SolarReserve, Tonopah Solar Energy, LLC

The Crescent Dunes Solar Energy Project is a solar power project located approximately 10 miles northwest of Tonopah, Nevada. The project will utilize Solar Reserve's innovative concentrating solar power technology with storage and have the capability to produce approximately 110 megawatts (MW) of energy. The plant is anticipated to be available for operation in 2013. The project will help meet the increasing demand for clean, renewable electrical energy in the US and help reduce reliance on fossil fuels and associated greenhouse gas emissions.

The facility will use concentrated solar power (CSP) technology, and be equipped with an integral storage system. The technology generates power from sunlight by focusing energy from a field of sun-tracking mirrors called heliostats onto a central receiver. Liquid salt, which flows similar to water when melted, is circulated through the receiver, collecting the energy gathered from the sun. The heated salt is then routed to an insulated storage tank where it is stored with minimal energy losses. When electricity is to be generated, the hot salt is routed to heat exchangers to produce steam used to generate electricity in a conventional steam turbine cycle. The salt is then sent to the cold salt storage tank, ready to be reheated by the sun and reused the following day. The salt storage technology was demonstrated successfully at the U.S. Department of Energy-sponsored 10 MW Solar Two project near Barstow, California.

SolarReserve's unique CSP technology offers several important benefits. First, this technology stores renewable energy and can extract it on demand. The stable electricity supply reduces grid reliability impacts from other intermittent renewable energy sources. Second, the stored energy in the salt can be used to produce electricity even when there is no sunlight. This is beneficial in Nevada where peak electricity demand can continue after the sun goes down and other solar resources can no longer operate. In addition, with highly efficient heat transfer properties, the liquid salt provides a cost-effective way to store renewable energy. Finally, SolarReserve's CSP technology does not require the use of natural gas and associated combustion emissions to maintain operating stability as some other solar technologies do.

Why is the project important?

The project is being developed to provide a sustainable, renewable, cost-effective source of electricity using a unique technology which can capture solar energy throughout the day, store the energy, and schedule electricity production to occur whenever it is needed—during hours of peak electricity demand, or during evening or nighttime hours. The storage system allows the project to generate a stable power supply that will enhance electricity grid stability and facilitate wider use of intermittent renewable sources such as wind energy.

Why here?

Nevada has some of the best solar resources available in the world. Solar energy can supplement other resources to serve the country’s need for clean, affordable domestic energy supplies and help sustain continued economic development. ***This site is largely undeveloped area with good site access as well as access to NV Energy’s existing transmission system, minimizing the length and cost of new transmission lines required.***

Why are you proposing to build this project on public land?

The project is proposed to be located on land managed by the Bureau of Land Management. The BLM manages the public land for multiple uses and have recognized that solar radiation levels in the Southwest are some of the best in the world-and that a significant number of lands administered by the BLM have levels of solar radiation suitable for utility-scale solar power plant development. Renewable energy is considered a beneficial public use and BLM’s policy, as consistent with national and state leadership goals, is to facilitate environmentally responsible renewable energy development. ***While the size of the project, with approximately 1600 acres of disturbed land, may seem significant compared to conventional power projects, it represents less than .05% of all BLM-administered lands in Nye County.***

What benefits will this project provide?

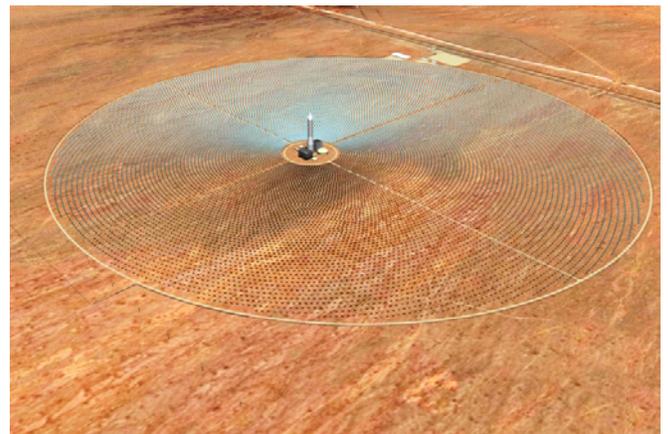
The benefits of this solar facility are: 1) to produce a stable supply of renewable energy in an environmentally-responsible manner, 2) to enhance the local economy through payment of annual property taxes, and 3) to boost revenues for local businesses, since those who construct, operate and maintain the new plant will likely purchase goods and services and live in and around Tonopah, Nevada.

For more information about the Crescent Dunes Solar Energy Project, please go to: www.TonopahSolar.com

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“...we should be using Nature’s inexhaustible source of energy – sun, wind & tide I would put my money on the sun and solar energy. What a source of power! I hope we don’t have to wait until oil and coal run out before we can tackle that.” – **Thomas Edison**



Artist rendering Solar Reserve – Solar Plant 2010



BELLE BUTLER: A MINE OF HER OWN

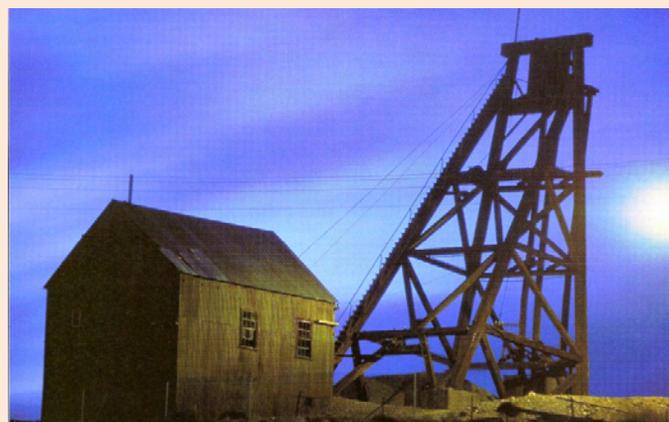
“The folklore of the discovery, as [Jim] Butler told it, was in the realm of lucky accidents. En route to the small mining camp optimistically christened Klondike, he picked up a rock to throw at his burro and realized that he had something in his hand worth assaying. Few historians find this explanation convincing. It has long been suspected that Butler’s perfect command of the Shoshone language and his intimacy with the Indians had led him to a discovery far removed from the normal route to Klondike. He may have learned of the site through an Indian mistress named Mary, a story still told among the local Shoshone, or he may have been informed of it by the great Shoshone prospector Tom Fisherman, but his presence was no quirk of fate.

It was May 1900, the year Belle turned forty and Jim forty-five. Returning to his ranch, Butler agreed to allow a friend, Tasker Oddie, to assay the sample in return for shares in the future claim for himself and the assayer. When the test showed high values, Oddie and the assayer became so excited that they dispatched an Indian runner to the Butler ranch with the news and urged Jim to stake his claims forthwith. The indolent, easygoing Butler failed to share their sense of urgency, however. He temporized. He made excuses. He had hay to put up at the ranch and chores to do. At length, as the pioneer newspaper editor Carl Glasscock told it, the “efficient” Belle decided that the claims could be “more satisfactorily located under her direction.” In late August, she finally got Jim wound up to make the effort, and the two of them set off together in a spring wagon drawn by two burros to stake their claims.

At the site Jim presently would christen with a Shoshone name, Tonopah, they spent many hours in the prospector's signature pastime, chasing runaway burros, and Belle spent many more hauling water from the wells several miles away. Although Belle might have learned how prospecting was done from her first husband, who prospected and mined extensively, there is no definitive evidence that she had done earlier prospecting, and mining records show no claims staked in her own name before this fateful trip. Evidently, she had some standing as a prospector, however, Reddenbaugh recalled, "Many 'old timers' thought that Mrs. Butler found Tonopah – and that she let Jim Butler take the credit. She was always prospecting." Jim, lacking prior experience, enjoyed a lesser reputation among the prospecting fraternity. On hearing that Jim had a good eye for ore, one of these contemporaries responded, "Ha! Jim Butler didn't know any more about ore than his burros."

In between trips to the wells and chases after the burros, Belle carefully prospected the area with Jim for about a week and eventually struck out on her own, somewhat patronizingly encouraged by Jim. That day Belle staked the Mizpah, recorded in her own name and christened in honor of a friend of hers. The Mizpah, richest of all the Butler claims, was to bring fortunes to the Butlers and many others. The newly wealthy Butlers sold their Tonopah holdings and left the beggarly little ranch in the Antelope Valley far behind them for retirement in California. When Belle died in 1922, newspapers eulogized her as the "Mother of Nevada," renowned for her charities to the destitute and even to animals."Jim Butler always acknowledged Belle's role as his co-discoverer: hers were the only hands to assist me in locating this notable group of mines – now Tonopah – she locating the now world famous Mizpah, gives her first place among miner's wives. "

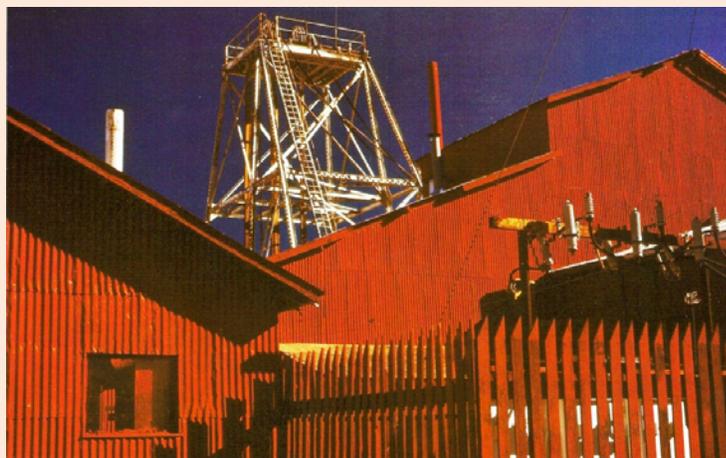
Reprinted with permission by University of Nebraska Press from "A Mine of Her Own, Women Prospectors in the American West, 1850-1950 by Sally Zanjani, UNP, 1997.



Silver Top Mine above, Mizpah Mine below. Jim Galli photos

Mining Park Photo Contest

Have you taken any exceptional photos of the Tonopah Historic Mining Park? Your photos may be published in our THMP *Tailings* Newsletter and/or used for mining park promotions. Photo credit will be given. Photos should be e-mailed in a .jpg file to Foundation Trustee, mgrodden@aol.com. Write "THMP Photo Contest" in the subject line of your e-mail. Include your contact information. Photos may not have been previously published. All photos submitted become the property of the Tonopah Historic Mining Park. Please note if you are a professional photographer, novice or child, age 17 or under. Entries must be submitted by February 28, 2012. Winners will be notified via e-mail.



LASTing Impressions



What do emergency medical responders, ropes; search and rescue, and air ambulances have to do with the mining park? During the last weekend of April, emergency responders flooded the mining park. Tonopah Fire Department, Northern Nye County Search and Rescue, and Nye County Emergency Services sponsored a full weekend of training for emergency responders throughout the state.

Our theme this year was mining (imagine that, here in central Nevada). This training weekend is titled L.A.S.T. It is an acronym used by search and rescue groups and stands for Locate, Assess, Stabilize, and Transport. During our 4th annual L.A.S.T weekend we offered 15 courses, utilizing 11 different instructors all to meet the learning needs of 54 participants who came from all over the state. There is no event held in this state quite like our L.A.S.T weekend. The Tonopah Mining Park was the jewel for our event this year. Two separate rope rescue classes were held at the park. We also utilized the parks auditorium for additional class offerings. Patty Winters, Nye County Coordinator for the event said, "I can't say enough kind words about the staff at

the park. Heather was amazing! Due to the nature of our groups, the weather, and the need to be flexible in our planning, we had to change and re-arrange things many times during the weekend. Heather accommodated every request with a smile - her willingness to work with us helped to make the training weekend a huge success. The facilities at the mining park are amazing and allowed us to safely train in a mining type environment. Prior to this event I thought of the mining park as a museum of mining. A place in which learning occurred, but in which that learning was primarily in context to our history in mining. I certainly have a new realization and understanding of the park as a modern place to gain learning. This facility does contain many artifacts of mining which are of interest. However, the Mining Park is also ready to meet the needs of today's mining related educational venues. In the Tonopah Mining Park we not only found a place to conduct high risk training in a low risk environment, but also allowed us to bring many disciplines together to learn from each other. We are thankful to the staff of the Mining Park and to the Town of Tonopah for their hospitality. We certainly hope to utilize the facility next year! There is no other place like the Tonopah Mining Park and no other training weekend quite like ours. We think it is a perfect match!"

Locate, Assess, Stabilize, Transport

(Search and Rescue) + (Fire Rescue) + (Emergency Medical Services) + (Rope Rescue) * (one weekend of training) = L.A.S.T Weekend

54 Participants

11 Instructors

56 hours of continuing education units

15 different classes

An absolute blast!

Mining Park Memberships

Individual - \$20.00

Family - \$25.00

Business - \$50.00

Individual Life - \$250.00

Family/Business Life - \$350.00

Benefactor * Individual/Family Life -
\$1,000.00

Benefactor * Business Life –
\$1,500.00

Name _____

Address _____

City, _____ State _____

Zip Code _____

E-mail Address _____

Phone Number _____

Clip this form and mail to:

Mission Statement:

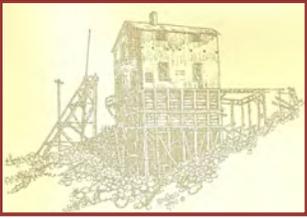
Tonopah Historic Mining Park preserves the mining heritage of Nevada and related regions through acquisition and preservation of collections and presentation of quality exhibits and educational activities.

Mining Park holds Membership Drive

The mining park has been updating our membership list.

Are you a past member?

Won't you consider coming back to us?



TONOPAH HISTORIC MINING PARK

PHYSICAL ADDRESS - 110 BURRO, TONOPAH, NV 89049

MAILING ADDRESS - PO BOX 965, TONOPAH, NV 89049

WWW.TONOPAHHISTORICMININGPARK.COM



Bill Larsen enjoys blacksmithing at the park.

