

BLM Training Facility Available

If you can imagine the lecture room of the future you have a concept of the Bureau of Land Management's National Training Center at 9828 N. 31st Avenue in Phoenix. The main convention room can seat 225 people and allows them to break into smaller work groups. Each room is equipped with the latest high-tech audio-visual equipment. For instance, many of the rooms have Elmos, a video device that allows projection screen viewing of small objects. This is the finest facility of its type in the southwest and perhaps in the nation.

The BLM rents the rooms at reasonable rates. The large theater is \$450 per day, a 35-person classroom is \$170. They are also able to provide satellite teleconferencing, video filming and other services. For more information contact Larry Bauer at (602) 906-5527.

America's idle mine count is a mystery, as estimates vary from 2,500 to 560,000 sites on public and private lands depending on who is estimating and why.

E&MJ, 8/96



Arizona Department of Mines & Mineral Resources
1502 West Washington
Phoenix, Arizona 85007

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ARIZONA

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Mineral Resource

MINING

Occupancy on BLM Lands

On July 16, 1996, the Bureau of Land Management published new regulations governing the use and occupancy of lands under the 1872 Mining Law. The purpose of these regulations is to manage the use and occupancy of the public lands for the development of locatable mineral deposits. These regulations will prevent the abuse of the public lands while recognizing all valid rights and uses under the Mining Law of 1872. The new regulations apply only to BLM administered lands open to the operation of the mining laws where both the surface and mineral estates are in federal ownership. They do not apply to Forest Service or Park Service lands.

To legitimately occupy public lands under the Mining Law and these regulations, occupants must be engaged in activities which lead to, or are reasonably incident to, the extraction and beneficiation of minerals. Occupants must demonstrate substantial, regular work involving the use of appropriate equipment and produce observable on the ground changes. "Occupancy and use" includes full or part-time residency, the construction or presence of structures that could be used as a residence, the use of a watchmen or the construction of fences. Occupancies must be based on a need to provide public safety or protect property and appropriate equipment from theft or loss, or to allow workers to remain on-site at extremely isolated properties to work a full shift.

The regulations became effective August 15, 1996. Claimants or operators with existing occupancies who notify BLM by October 15, 1996 will be given until August 18, 1997 to comply with these regulations. Individuals currently facing trespass actions do not qualify for the extension.



Do you need this information in an alternative format? Please call the Department office at 255-3791.

BLM will review all proposed occupancies within 30 days. Appeals of the determination are made directly to the Interior Board of Land Appeals.

For further information contact: Ralph Costa, Mining engineer, Arizona State Office (602) 650-0349 or Denise Meridith, BLM State Director (602) 650-0500. (After October 29, see below)

Phelps Dodge Active in Safford

The Phelps Dodge Mining Company has formed a Safford District Team to prepare for development of the Dos Pobres/San Juan Project on patented lands about 12 miles north of Safford. The Safford office address is: 625 Main Street, Safford, AZ 85546, phone (520) 428-0205.

At these properties the company will develop open pit copper mines with a solvent extraction electrowin recovery system for copper. The program will be initiated this year with an Aquifer Protection Permit application with the Department of Environmental Quality and an independent feasibility study.

The Safford district probably represents the largest undeveloped resource of copper in North America.

Safford District Leach Resources

	millions of tons	Cu grade %
Dos Pobres	285	0.39
Lone Star	1,600	0.38
Sanchez	230	0.29
San Juan	270	0.28

BLM is Moving

The State Office of the Bureau of Land Management will be moving their office on October 28. The Public Room will be closed on October 28 and 29. Automated records will be unavailable from October 25 - 29.

Their new address is:
222 N. Central Avenue
Phoenix, AZ 85004-2208
New phone number (602) 417-9200.

Arizona Department of Mines & Mineral Resources, 1502 W. Washington, Phoenix, AZ 85007
602-255-3791, toll-free in Arizona 1-800-446-4259
H. Mason Coggin, Director

Phelps Dodge Sets World Record

On Sunday, May 26, 1996 Phelps Dodge's Morenci mine set a world record when they mined 1,327,800 tons of material in a 24-hour period. The previous record, set at Escondida in Chili, was bested by nearly a quarter of a million tons.

Although the attempt at setting the world record was deliberate and took planning and orchestration, the record was set in three normal shifts.

Cyclopic Gold Mine

Nevada Pacific Mining Company, Inc. has passed the public notice phase for their Aquifer Protection Permit at the Cyclopic in Mohave County. The Cyclopic, first mined in the 1880s, produced over 13,000 oz/au in the early 1900s.

Nevada Pacific plans an open pit mine and hydrometallurgical precious metal leaching operation. The facility will mine and leach a low-grade ore that will be deposited in two phases on a heap leach pad. The pad has been designed to accommodate 4.7 million tons of ore. It is estimated that 750,000 tons of ore will be placed per year for a period of 4 to 6 years.



Magma, #9 shaft. BHP's Magma Mine in Superior closed this summer. The mine produced 40 million pounds of copper in 1995.

BOOK REVIEW

Destination Tombstone, The Journal of a Prospector
by Marilyn Butler

Royal Spectrum Publishing, 1996, 132 pages, \$14.95

Introduction by Dr. James McBride.

The personal memoirs of Ed Schiefflin, discoverer of the Tombstone ore deposits, have been transcribed by his granddaughter, Marilyn Butler into a fascinating, readable text. Many photographs.

Arizona's Little-Known Gold Placers

by Ronald S. Wielgus

ISBN 0-9635601-4-X

1996, 128 pages, \$22.95

This nontechnical, unpretentious book demonstrates that if you are diligent enough, you can find gold (colors at least) in many places in Arizona. Detailed descriptions and maps.

Mining Hall of Fame

The 14th annual American Mining Hall of Fame Awards Banquet will be held by the Mining Foundation of the Southwest on Saturday, December 7 at Loews Ventana Canyon Resort in Tucson.

This year's inductees are Louis S. Cates of Phelps Dodge who was influential in early development of the open pit copper mine and Donald H. McLaughlin of Homestake Mining, an eminent gold mining spokesman. This year's featured speaker will be Richard de J. Osborne, Chairman and Chief Executive Officer of Asarco Incorporated.

Tickets are available from Clare A. Rosecoe, (520) 577-7519.

Tucson Area Residents

The toll-free number listed for the Department in the Tucson telephone directory is incorrect. The correct number is 1-800-446-4259

MUSEUM NEWS

Gem Shows, Earth Science Clubs Circulars

Circular 68, *Arizona Gem Shows - 1996-97* and Circular 69, *Earth Science Clubs - 1996-97* are now available. *Arizona Gem Shows* lists the date, location, sponsoring group, and contact person for 27 Arizona gem and mineral shows this year. *Earth Science Clubs* lists rockhound, lapidary, and prospecting organizations that are active in Arizona.

Circulars 68 and 69 are available at the Museum or from the Department office. If ordering by mail please include \$.25 each for postage and handling.

Museum Family Day

The Arizona Mining and Mineral Museum, in conjunction with the Arizona Mineral and Mining Museum Foundation is hosting the Family Day and Gem and Mineral Show on Saturday, October 26 from 10:00 am to 4:00 pm at the Museum.

The Museum Foundation will be holding a mineral sale featuring minerals that have been in storage for the past 30 years. Local dealers will also be selling minerals. Jeff Scovil, internationally known mineral photographer will be available to sign his new book, *Photographing Minerals, Fossils, and Lapidary Materials* and demonstrating photographic techniques.

Fun, hands-on activities are planned for all ages. Museum volunteers will teach jewelry making and demonstrate lapidary techniques. Actors from the Screen Actors Guild will read stories at 10:30, 12:30 and 2:30. Admission and parking are free. Please join us for a great time.

Updike Mining Town



If you have not yet seen the model mining town display, make a point to come upstairs on your next visit. Lisle Updike spent 8 years hand crafting each piece in the model from natural materials. Each human figure is comprised of 15 different pieces of wood; each horse of 18. Updike gained fame as the inventor of the semiautomatic photo machine (4 poses for a dime) in 1930 and helped develop the Polaroid camera in 1948.