

# FIELD NOTES

SOUTH CENTRAL DISTRICT NEWSLETTER

## FROM THE DESK OF THE DISTRICT MANAGER

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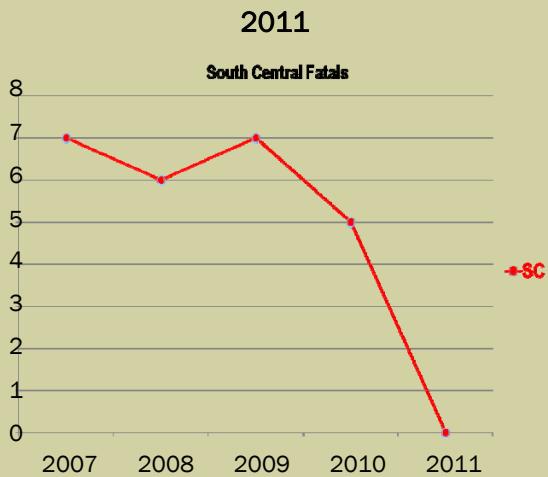
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"There is profound difference between believing and knowing..."



### Important Link:

[Metal & Nonmetal Mine Safety & Health Resource Page](#)

I would like to congratulate each and every one of our 1,820 mining operations for their part in the accomplishment of this profound milestone in Miners' Safety and Health.

E./

## CELEBRATING 'ZERO'!

The National winners of the 2010 Sentinels of Safety have been announced and three mines in the South Central District were winners in their respective categories!

### Large Underground Metal Group Winner

Sweetwater Mine/Mill

The Doe Run Company, Reynolds, MO

### Large Dredge Group Winner

Briggs Plant

Company: Fordyce Holdings, Incorporated, Victoria, TX

### Large Bank or Pit Group Winner

Voca Plant

Company: Unimin Corporation, Voca, TX



The Sentinels of Safety award is the oldest established award for occupational safety. The first winner was announced by President Herbert Hoover, a mining engineer, in 1925 while he was the Secretary of Commerce. The awards program recognizes mining operations that record the most hours in a calendar year without a single lost-time injury. This program is co-sponsored by MSHA and the National Mining Association.



### Join us!

#### South Central District Executive Outreach Committee

...sharing our best ideas throughout the district.

## 2011 MISSOURI REGIONAL MINE RESCUE CONTEST

The weather in Rolla Missouri was perfect for the annual Missouri Regional Mine Rescue Contest held at the [Missouri University of Science and Technology](#). This contest is unique in that it's held in an actual underground space that simulates a real mine; the university calls it an "experimental mine" and it distinguishes this contest from others in the district. This year, thirteen elite mine rescue teams all vied to be number one in the overall standings. As the contest came to an end, only one team could be the best overall, and that title went to WIPP. For each of the contest's four categories, WIPP won the Field competition, Vulcan Illinois won the Team Technician portion, Doe Run Gray prevailed in First Aid, and Mosaic's David Tackett triumphed as Team Trainer. Several employees from

MSHA helped synchronize the events with the leadership of district Safety Specialist, David Hamm.



A team exiting the experimental mine located in Rolla, MO at Missouri Science and Technology University



The WIPP Mine Rescue Team (pictured above) celebrated a victory in Rolla this year, first winning the Field competition and then ranking highest in the Overall standings. Congratulations WIPP for your outstanding effort and achievement!

## 2011 MISSOURI REGIONAL MINE RESCUE CONTEST

### ***Missouri Regional Mine Rescue Contest Rolla, MO***

**1st PLACE, OVERALL :**  
**WIPP**

**1st PLACE, FIELD:**  
**WIPP**

**1st PLACE, TEAM TECHNICIAN:**  
**VULCAN**

**1st PLACE, FIRST AID:**  
**DOE RUN GRAY**

**1st PLACE, TEAM TRAINER:**  
**MOSAIC POTASH - DAVID TACKETT**



Above, MSHA's Rolla South Field Office Supervisor Robert Seelke (left) and Inspector Craig Bergonzoni (right) scoring the teams during a portion of the contest



Mosaic's David Tackett (left) receiving the 1st place Team Trainer award from David Weaver (right), Supervisor of MSHA's Rolla North Field Office



Vulcan's Kevin Callister and Jason Hook (above) won first place in the Team Technician category.



Pictured above, Missouri S&T Experimental Mine Manager, Jimmie Taylor (left) honoring former WIPP Team Trainer, Buddy Webb (right) with an appreciation trophy

Doe Run Maroon (right) won first place in the First Aid competition. This portion of the contest is especially interesting to watch as there are live models with various injuries that require a variety of first aid measures.



## A LOCAL INVENTOR

**L**ocal business owner, Danny Marschall, has invented a new portable emergency shower for use in industrial applications anywhere emergency water needs to reach an employee to prevent serious burns.

His company, Marschall Fire & Safety, is a small family-owned business located in the middle of the Dallas-Fort Worth Metroplex that has grown to provide services to both small companies as well as specializing in some of the largest aggregate companies in both Texas and Oklahoma.

"I began working in this industry back in 1990 when I got my fire extinguisher technician's license while working for a company that serviced all the above ground coal mines for TXU; while there, I learned as much as I could and became proficient in MSHA and OSHA regulations."

In 1998, he decided to begin his own business. "I opened up a small shop-based business operated by just my wife and I out of our home in Belton, TX." In



2001 after the expansion of one of his main clients, Mr. Marschall relocated his family to Venus, TX.

Since fire-fighting is his specialty, Mr. Marschall came up with something portable that could help

put out a fire on a person, should the need arise. The key factor he considered was this: since it would be used on the body, the water had to be under low pressure and avoid forcefully blasting water on an individual when discharged. As in many parts of a plant or a process, it is difficult to install a fixed emergency shower due to climate changes and extreme environments, so he created a portable shower that is easy to use and simple for anyone to recharge.

"It can also be shipped without the expensive hazardous material prices since it is not pressurized. No additives are needed as long as it is refilled with distilled water every 90 days or so. It holds 2.5 gallons of water and discharges from a mini shower head in approximately 28 seconds. Since 9/11, fire extinguishers can't be mailed, so I order them empty and plain, then I add my own specially designed labels, fittings, and hoses."

For more information on the Marschall portable emergency shower, you can contact the company at 972-366-8249 or email them: [janelle@marschallfireandsafety.com](mailto:janelle@marschallfireandsafety.com). There is also a company website: [www.marschallfireandsafety.com](http://www.marschallfireandsafety.com).

(MSHA does not endorse Marschall Fire & Safety or its products. This article is for informational purposes only.)



## ARKANSAS'S GOT DINO-MIGHT!

**L**ittle Rock, AR Field Office inspector, Dave Smith, encountered something unusual on a routine inspection: paleontologists, students, and a film crew from the University of Arkansas and Kansas State; they were documenting dinosaurs!

Based on the fossilized tracks found, up to five different dinosaur species were thought to have roamed the area. "These are the largest concentration of dinosaur tracks found this far east of Texas," Smith said. The company has plans to continue normal operations in that area, so before mining the site, they welcomed the scientific community and allowed them to survey and digitize the area in order to render 3-D images of the landscape and tracks for further study, sharing, and archiving.



Scientists, students, and a film crew documenting dinosaur tracks

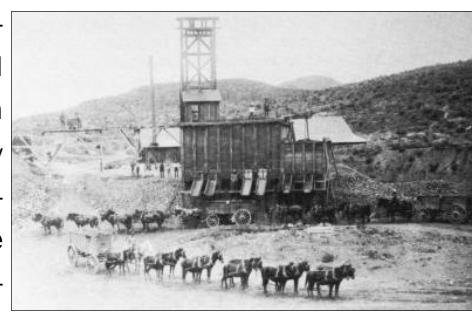


## A REBIRTH OF MINING IN NM & THE WEST

**R**ecently, our district has witnessed new metal mines plan or begin their operations in New Mexico and Texas. This is great news because the expansion of mining will no doubt provide employment and years of economic growth to the surrounding communities.

About 70 years ago, Shafter, TX was home to a thriving mining community that employed 300 - 400 men in Presidio county and the surrounding area. It was the nation's most reliable source of sil-

ver, but in 1942 the Presidio Mine closed, due partly to falling silver prices. In 2011, the mine was given new life by the Rio Grande Mining Co., a subsidiary of Vancouver-based [Aurcana Corp](#). Now that it's open, it will return significant metals production to Texas for the first time since the 1940's.



Shafter mine in the 1890s

The next big metal mining expansion will most likely be in New Mexico. Although uranium mining in NM ended in the late 1990s, New Mexico has the second largest uranium ore body (second to Wyoming) in the U.S. Currently, the New Mexico Forest Service is conducting their environmental impact surveys (EIS) of the potential mining sites.

**UPCOMING EVENTS!**

A vintage-style postcard serves as the background for this invitation. The main text on the postcard reads: "Join us in Austin!" in large, stylized brown letters. Below it, in red, is "30th Annual South Central Joint Mine Health & Safety Conference". To the left, in brown, are the dates "March 27-29" and the location "Austin, TX". At the bottom right of the postcard, there's a logo for "Texas Mine Safety & Health Program" featuring a white star on an orange square, with the text "THE UNIVERSITY OF TEXAS AT AUSTIN" and "Continuing Innovative Education". The postcard also features a stamp area with "PLACE STAMP HERE" and a space for an address. In the top right corner of the postcard, there's a small image of the Texas state capitol building and the text "AustinPostcard.com". Overlaid on the postcard is a large, tilted text box containing the words "Save the date!" in a large, brown, cursive font. To the right of this text is a small graphic of the Texas state outline with "30th" written across it.

A postcard-style invitation for the "5th Annual New Mexico Mine Health and Safety Conference". The postcard has a blue border. On the left, there's a yellow square with the New Mexico state symbol (Zia) and the word "Mine" in red. To the right of this, the conference name is written in large, bold, red text: "5th Annual New Mexico Mine Health and Safety Conference". Below the name, the dates "April 30 - May 2" are displayed in red. Underneath the dates, the text "Make your reservations early!" is written in blue. Further down, there's a block of blue text: "Call 575-835-5460 or check out the New Mexico Bureau of Mine Safety website at [www.nmminesafety.com](http://www.nmminesafety.com) for regularly updated information on this conference." At the bottom, there are two more blocks of blue text: "If you know of anyone who may be interested in becoming a sponsor and/or a vendor at this very exciting conference, please contact: bmi@admin.nmt.edu or 575-835-5460." and "This conference is for all Partners in Safety, including management, labor, regulators, educators and supervisors."