Agenda

• Opening Remarks
• 1st Quarter 2019 Mining Fatalities
• Spring Thaw
• EPD Update
• New Mine Data Retrieval System Demo
• Questions
Opening Remarks

David G. Zatezalo
Assistant Secretary for Mine Safety & Health
2019 1st Quarter Mining Fatalities

Larry Trainor, Accident Investigation Manager, MNM

Vicki Mullins, ACR Program Coordinator, Coal
MSHA Fatal #1
Coal

On Saturday, January 5, 2019, a 55-year-old contractor received fatal injuries when he was pinned between a pneumatically powered air lock equipment door and the concrete rib barrier located near the shaft bottom.
Victim located behind the door
On Monday, January 14, 2019, a 56-year-old survey crew member with approximately 30 years of mining experience was fatally injured after he was struck by a loaded shuttle car. The victim was measuring the mining height in an entry that was part of the travelway used by the shuttle car to access the section feeder.
On March 6, 2019 a contract miner suffered fatal injuries when he was struck by a relief valve that ejected from a 500-ton bottle jack. The contract miners were in the process of cribbing the P&H 4100A Electric Shovel to perform an undercarriage rebuild.
The 500 Ton Ener-Pac Model 50024 Jack
Relief Valve recovered from the victim’s body. Note the lack of threads and bend.
On March 7, 2019, a contract miner suffered fatal injuries when he fell approximately 12’ from the top of the North Log Washer and struck the structure below. The contract miner was attempting to tighten a mounting bolt on the drive motor when the wrench he was using slipped, causing him to fall backwards and into an opening between two log washers.
MSHA Fatal #5
Coal

On Thursday, March 7, 2019, a 38-year-old miner with 10 years of mining experience received fatal injuries while he was working on the pad of a highwall mining machine. The miner was contacted in a pinch point between a post and a section of the mining machine (i.e. push beam) that was being removed as part of the normal mining cycle.
Non-Injury Accident – Equipment Fire

On March 31, 2019, an end loader operator heard a hissing sound. Within seconds, his cab was engulfed in flames. The operator grabbed a jacket and covered his head and upper body to exit the loader through the flames.
Non-Injury Accident – Equipment Fire

On April 5, 2019, the operator of an end loader saw flames coming out from around the bottom of the cab. Investigators determined the fire started in the engine compartment and the flames were blown forward. The loader was destroyed.
Fire Safety Best Practices

• Perform thorough pre-operational exams and required maintenance to find and remove hazards
• Ensure that any fire suppression systems are properly designed, installed, and maintained.
• Ensure there more than one means of escape. Exit routes should not require miners to travel by known fire hazard areas.
• Adequately train equipment operators to maintain equipment, respond correctly to alarms, use fire suppression systems, and safely exit equipment in an emergency.
William D. O’Dell

District Manager
for
South Central District
Spring Thaw 2019

• Mining accidents tend to increase in April and May when many intermittently operated mining operations begin producing again, often with new employees.
• Each Spring, the metal and nonmetal mining industry hosts cooperative mine safety and health training workshops to increase awareness of hazards.
• Safety professionals from mining companies, associations, and MSHA share information and experiences in dealing with a range of mining dangers.
• Workshops listed at www.msha.gov/news-media/spring-thaw-training-workshops
NORTH TEXAS SPRING THAW

Midlothian Conference Center
1 Community Circle Dr.
Midlothian, Texas 76065
www.midlothiancenter.com

REGISTRATION & BREAKFAST WILL START 7:30am
May 9, 2019 7:30am-4pm
Lunch Provided

Free Event for Contractors, Operators and Miners!
Safety Depends on all of us working together.

We are in Need of Sponsors, If you are interested in helping contact us.

For more information or to RSVP
Contact: Mike Mann @(918) 824-0626 michaelmann@ashgrove.com
Wendell Morrow @(817) 774-6377 wendellmorrow@uslm.com
Education and Policy Development Update

Kevin Deel, Manager
Educational Field and Small Mine Services
MSHA Training Grants

• State Grants Program
  – As of May 1, 2019 44 States have received funding

• Brookwood-Sago Grants Program
  – Funding opportunity closes June 9, 2019
  – Grants.gov>Keyword –”MSHA”>Brookwood-Sago Mine Safety Grant
Powered Haulage Safety Initiative

Powered Haulage accidents were responsible for 13 of 27 (48%) fatalities in 2018

Continuing outreach to operators and miners on:

- Conveyor Safety
- Safety Around Large Equipment
- Seat Belt Usage
New Mine Data Retrieval System

Reza Noorani
Program Evaluation and Information Resources
MSHA Data Lead
Questions?