

REACTIVITY OF ANFO MIXTURES WITH MIDWEST HIGH SULFUR COALS AND PYRITES

JOHN W. BROWN
MANGER DRILLING & BLASTING
AMAX COAL COMPANY
EVANSVILLE, INDIANA

ABSTRACT

For seventeen years, I have been involved in surface coal mining in the Midwest coal field only to find that once again, I have experienced a problem that was not known to exist in our area.

The existence of high sulfur coal seams and pyrite-bearing formations coming in contact with ANFO mixtures has presented yet another potential problem facing the blaster.