PROJECT DESCRIPTION:
QUIKRETE® 5000 Concrete Mix was used to construct a 40’ diameter bulkhead in the Coy Zinc Mine. Each 3,000 lb bulk bag was lowered 1,100 feet through a vertical airshaft to the mine floor. The QUIKRETE® 5000 Concrete Mix was mixed underground and pumped into the bulkhead forms. QUIKRETE® 5000 is a high-early strength-concrete mix designed to achieve 1,500 PSI at 24 hours, 2,500 PSI in 3 days, 3,500 PSI in 7 days and 5,000 PSI at 28 days. Test results from the project showed that the mix exceeded 4,000 PSI at 7 days.

PROJECT START DATE:
January 2010

PROJECT COMPLETION DATE:
February 2010

GENERAL CONTRACTOR:
Cowie Mining

QUIKRETE® PRODUCTS USED:
• 3,000 lb QUIKRETE 5000 : 685 bulk bags