

Sealing CBM Boreholes

- Utilizes non toxic metal cross-linked polymer gel that changes from water soluble liquid to non-soluble gel
- Fifty-one boreholes, totaling 375,654 feet, including sidetracks, have been sealed utilizing 399,927 gallons of water soluble gel mixture
- Fifty-One boreholes have been mined into or through without a methane ignition or incident
- Adjustable reaction time tailored to meet customer's needs



Gel Soluble Liquid Pumped Greater Than 11,000 Feet From the Surface Pumping Site to the In-Mine Horizontal Wellhead While Circulating the Mixed Gel



Cross-Linked Polymer Gel Penetrates Coal Cleats and Fractures Blocking Methane Liberation Into the Borehole



Slideshow