2006 KMI Mine Rescue Contest

Sept.7, 2006

STATEMENT

I am ________________, Superintendent of the Knotthole No.2 Mine. Thank you for answering our call for help.

Early this morning, (Five) 5 men entered the cut-thru entries from the 5 left panel to run coal. At 5:00 am, a loud explosion was heard and power to the mines was knocked. All five miners are still missing. All of the mine has been explored except for the cut-thru entries.

Two mine rescue teams have explored the 4 left panel and the 5 left panel. The team in the 4 left panel was blocked by unsafe roof going toward the cut-thru entries. Temporary stoppings have been built on both sides of the unsafe roof.

The team in the 5 left panel has established a fresh air base in this entry (In which you are located)

The areas explored by both teams have been mapped and will be provided to you after the clock is started.
Ventilation is provided by a blowing fan on the surface. The fan is on, but can be reversed by asking the superintendent.

All electrical circuits going to the cut-thru entries have been de-energized, locked out and guarded.

Both of the mine rescue teams will serve as back-up while you are working. You may request assistance from them through the superintendent in the areas they have explored. Work by the team(s) is limited to building or removing stoppings. Work by outby team(s) will take 2 minutes to complete for each map submitted.

Written instructions and the following maps will be provided when the clock is started.

1. Two blanks maps
2. Two maps indicating the ventilation prior to the incident.
3. Two maps indicating the ventilation after the incident and the area explored by the mine rescue teams.
4. Mine maps are not up-to-date.
VENTILATION PRIOR TO THE INCIDENT

4 LEFT PANEL

CUT-THRU ENTRIES

5 LEFT PANEL
VENTILATION AFTER THE INCIDENT AND AREAS EXPLORERD

DOOR OPEN
TEAM BUILT
TEAM BUILT

UNSAFE ROOF

CUT-THRU ENTRIES

AIR TIGHT
AIR TIGHT

4 LEFT PANEL

5 LEFT PANEL
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Problem
(Written Instructions)

ACCOUNT FOR ALL MISSING PERSONS

EXPLORE THE ENTIRE MINE IF IT CAN BE DONE SAFELY

THE FAN CAN BE REVERSED
EXTENT OF GASES DURING EXPLORATION

EXPLOSIVE MIXTURE

LOW O2
Extent of gases after 1st ventilation
Extent of gases after 2nd ventilation

Clears all gas from intersection

Air tight

Battery jeep

Regulator completely destroyed

Conscious live man

Unconscious live man

Air tight

Air tight

Battery scoop
Help! Get me out! The area is airtight!
PATIENT STATEMENT
(2nd Patient)

Help! Get Me Out!