

9th ANNUAL POST 5

**MINE RESCUE
CONTEST**



July 27, 2005
Mylan Park
Morgantown, WEST VIRGINIA

Post No. 5 Mine Rescue Contest

July 27, 2005

S t a t e m e n t

I am _____, Superintendent of the No. 5 Mine. You are located at the fresh air base in the 1 North Submain Entries. The 1 North Submain consists of 4 entries. The Nos. 1 and 4 Entries are return entries, the No. 2 Entry is an intake entry and the No. 3 Entry is a belt entry. Air movement in the belt entry is directed outby into a return aircourse through a belt regulator.

A seven man crew entered the mine on the day shift and traveled to the 1 North Submains Section to begin production activities.

Near the end of the shift, three of the crew members retreated from the section and called the dispatcher to report that the continuous mining machine had holed into old works in the face of the No. 1 Entry, causing an ignition. Attempts to communicate with the section were unsuccessful. Mine rescue teams traveled into the 1 North Submain in an attempt to reach the crew. The mine rescue teams explored the Nos. 1, 2 and 3 Entries to the fifth crosscut outby the faces and the No. 4 entry just inby the third crosscut outby the face. The rescue team set up a fresh air base in the fifth crosscut outby the faces and installed temporary stoppings inby in all entries. Ventilation has been established to that point. A detailed map of the areas explored and the conditions encountered was prepared by the teams.

An exhaust fan on the surface ventilates the mine. The fan is operating and must remain on to provide ventilation to other areas of the mine. The fan cannot be reversed.

All electrical circuits inby the fresh air base have been de-energized, locked out and guarded.

The coal seam is walking height and the roof is supported by roof bolts.

Mine rescue teams will serve as back up while you are working. You may request assistance from them through the Superintendent in any explored areas of 1 North Submains that are shown on the map provided. The back up team is limited to removing and/or relocating existing ventilation controls. Additional ventilation material has been ordered but will not arrive until late tonight. Each request for assistance, regardless of the number of builds or removals, will take two minutes. The team will mark the changes on the map, initial the map, and present the map to the Superintendent who will notify them when the changes are completed. No additional work, including exploration, will be permitted during this two minute time period.

The solid line map is up-to-date.

Written instructions and the following mine maps will be provided when you are ready to work:

1. Two blank maps.
2. Two maps indicating the ventilation prior to the incident.
3. Two maps indicating the ventilation after the incident and the areas explore prior to your arrival.

**POST NO. 5
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**PROBLEM
(WRITTEN INSTRUCTIONS)**

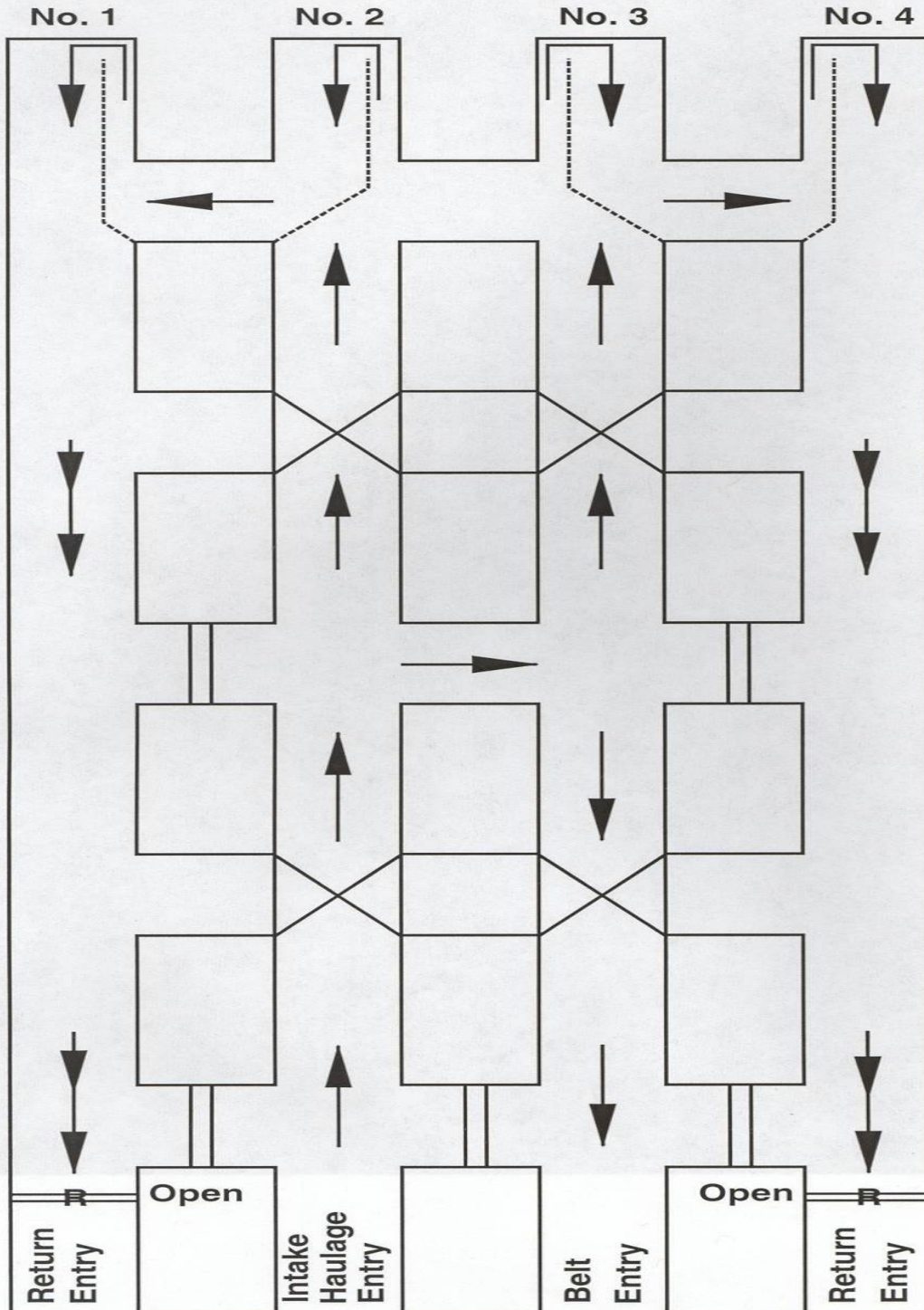
**ACCOUNT FOR ALL MISSING
PERSONS.**

**EXPLORE ALL AREAS OF THE MINE
THAT CAN BE SAFELY EXAMINED.**

**BEGIN EXPLORATION IN THE NO. 2
ENTRY.**

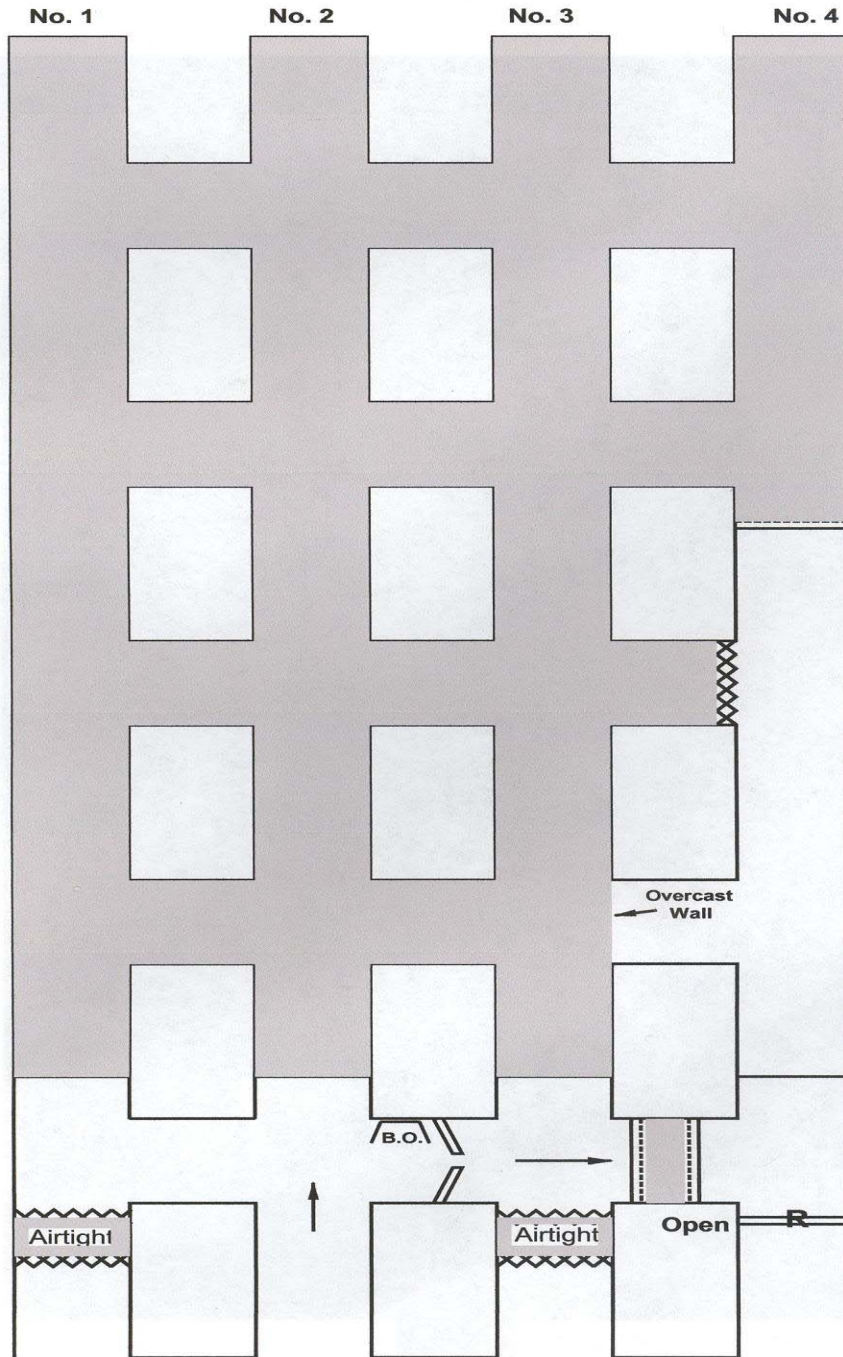
1 North Submain

Ventilation Prior To The Incident



1 - North Submain

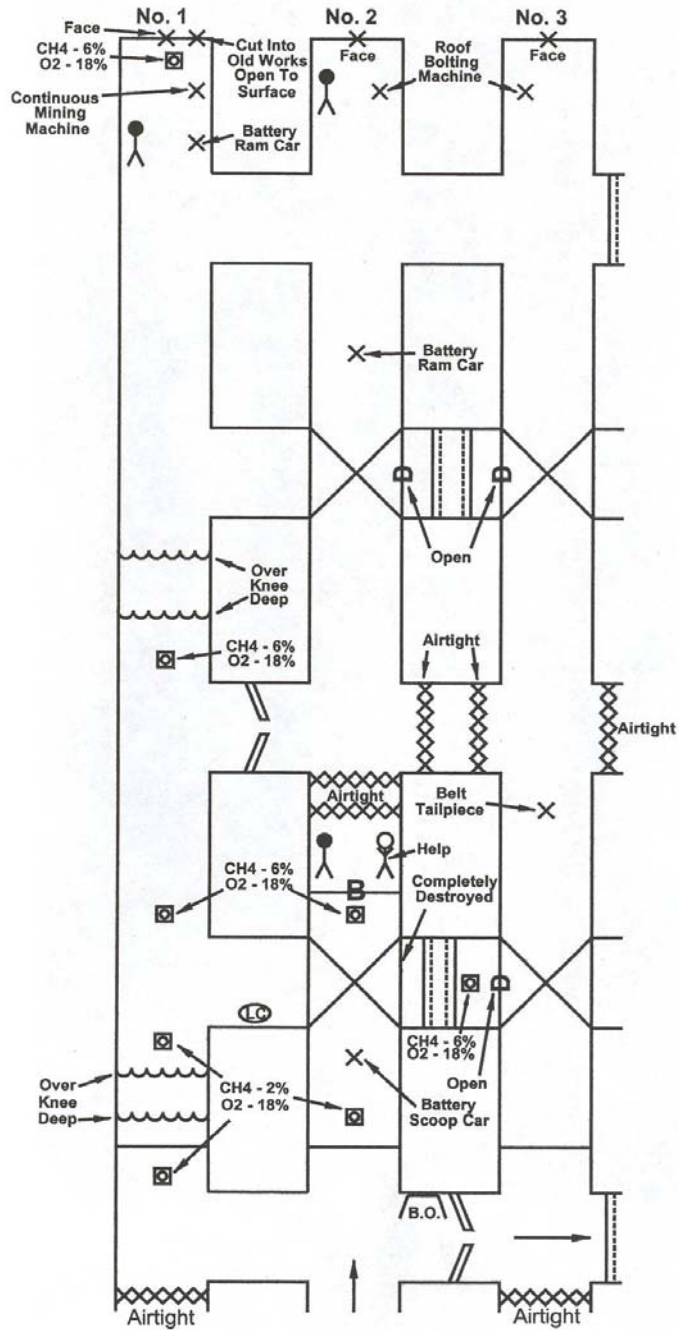
Ventilation And Area Explored After The Incident
Shaded Areas Unexplored



NMRA - Post 5 Mine Rescue Contest

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1 North Submain



Team Stops

11	10	13	
12	9	14	
4	5	8	
3	2	7	
6	1		
	FAB		

PATIENT STATEMENT

HELP!

GET ME OUT.

IT'S CAVED AIRTIGHT BEHIND ME.

1 - North Submain

Ventilation

