

National Mine Rescue Contest

Day 1 Statement to Team

Hello, I am _____, Superintendent of the Buckeye Mining Co., No. 2 Mine.

Last night a 6-man crew was sent into the mine, accompanied by a Foreman. They were to go to the 004 Section and complete cleaning around the bottom of an upcast shaft that was recently constructed. The shaft has not yet been put online, but, it does have doors installed at the surface.

At approximately 4:30 AM, this morning, there was a loud noise heard and concussion felt by others in the mine. All persons, except the 004 Section Crew have been accounted for. We don't have a mine rescue team. We appreciate you coming to assist us.

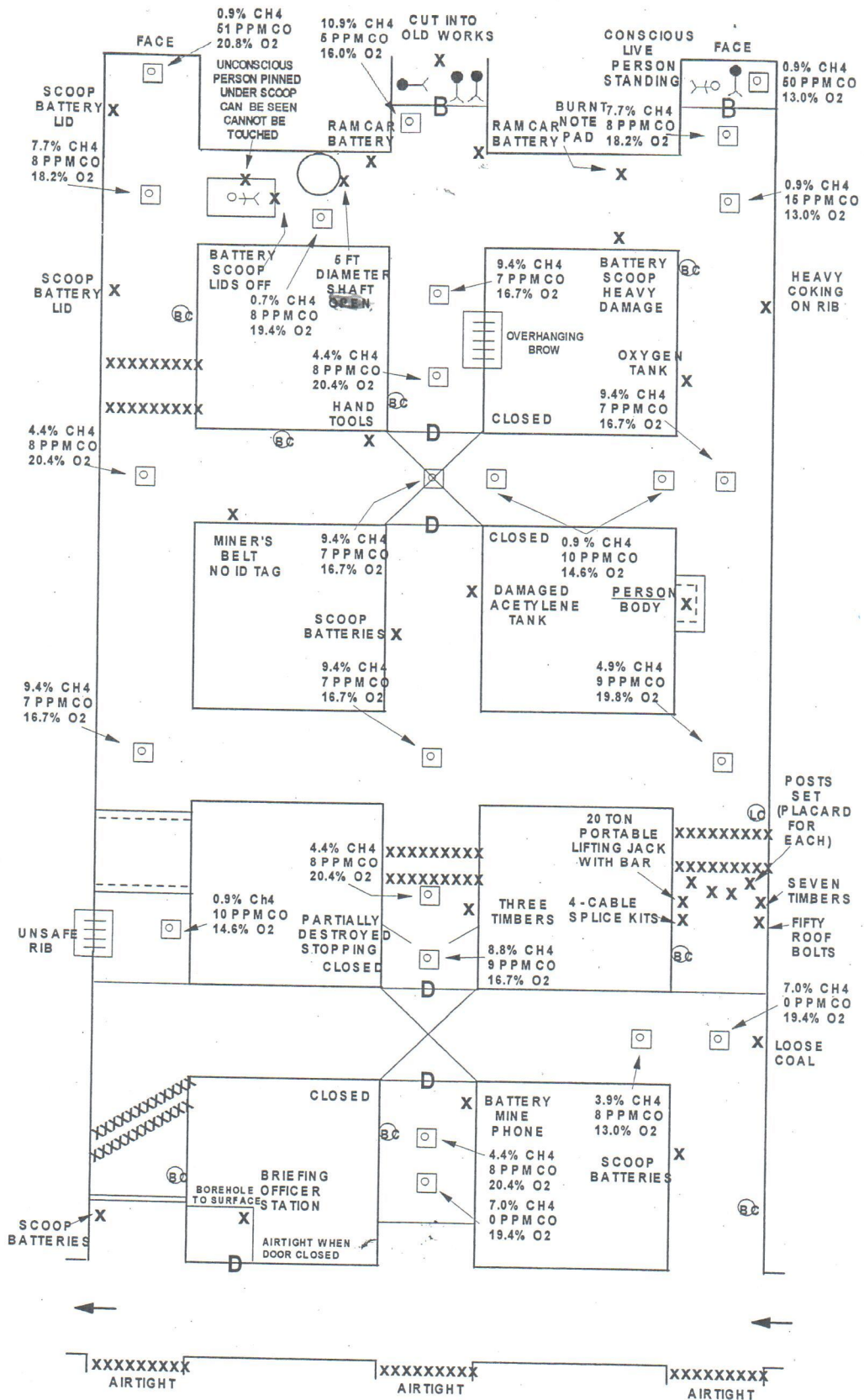
The mine map may be up-to-date, but I do not know. The tracking system didn't work so I don't know where they are. All underground electrical power is off, locked-out and guarded. The mine fan is operating, exhausting from the mine. The fan cannot be shut-off or stalled.

All necessary agencies have been notified. There is a back-up mine rescue team available. One team has already explored some of the mine, but they did not find any of the missing crew. You will be starting at a Fresh Air Base that has already been established.

This is all of the information I have.

Thank you, and Good Luck.

PROBLEM MAP



2013 National Mine Rescue Contest

Day 1

Written Instructions (Problem)

Explore all areas of the mine that can be done safely.

Account for all missing miners.

Bring all survivors to the Fresh Air Base.

The mine shaft doors can be opened/closed, if needed.

Teams cannot carry more than two brattice cloths when advancing or retreating.

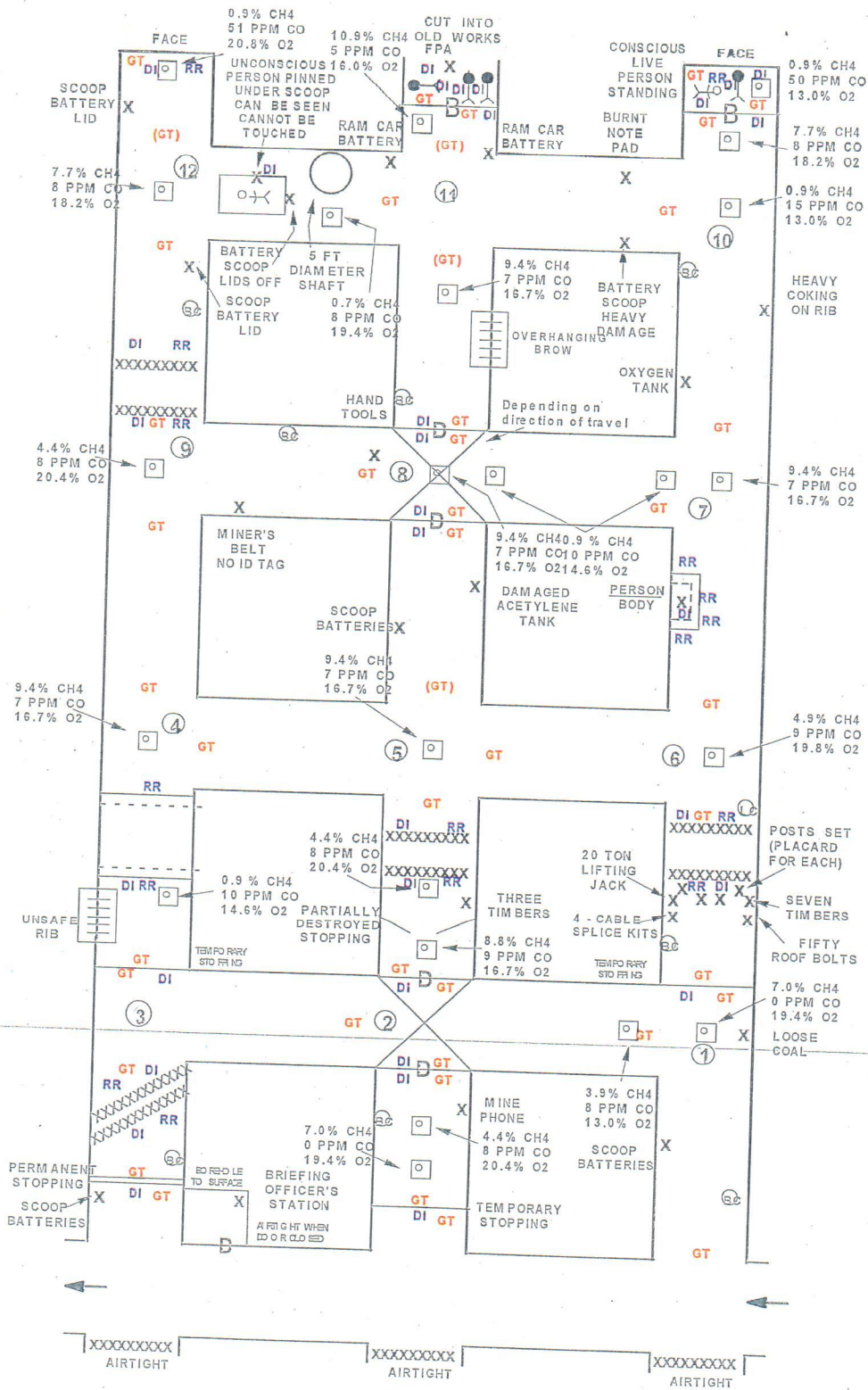
You have 60 minutes to complete the problem.

You will be notified when you have one minute remaining.

PERSON BEHIND BARRICADE IN NO. 3 HEADING

**HELP, HELP
GET ME OUT OF
HERE**

GT, R&R, D&I MAP



0.9% CH4
51 PPM CO
20.8% O2

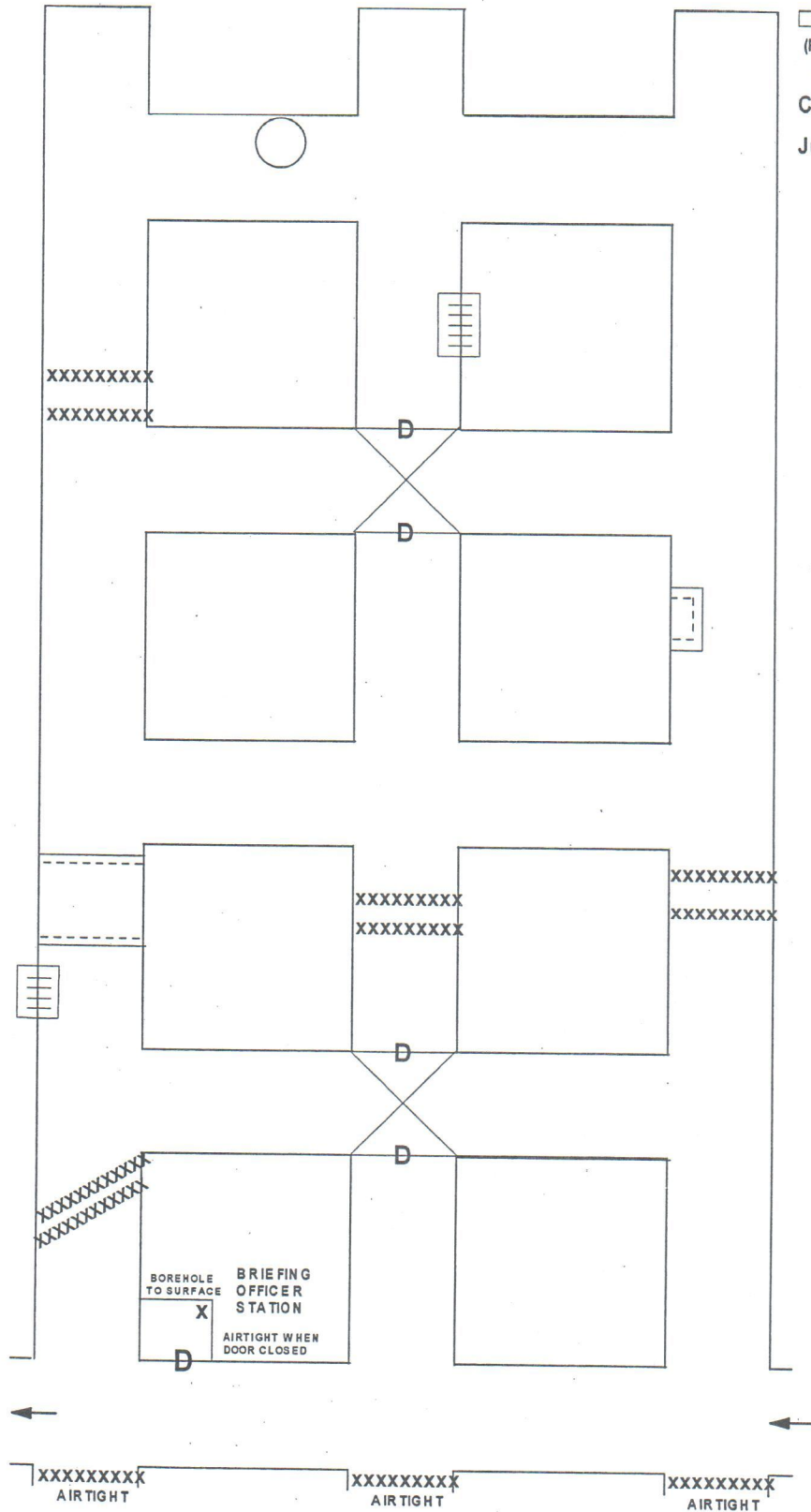
JUDGE'S MAP

Team No: _____
Field No: _____

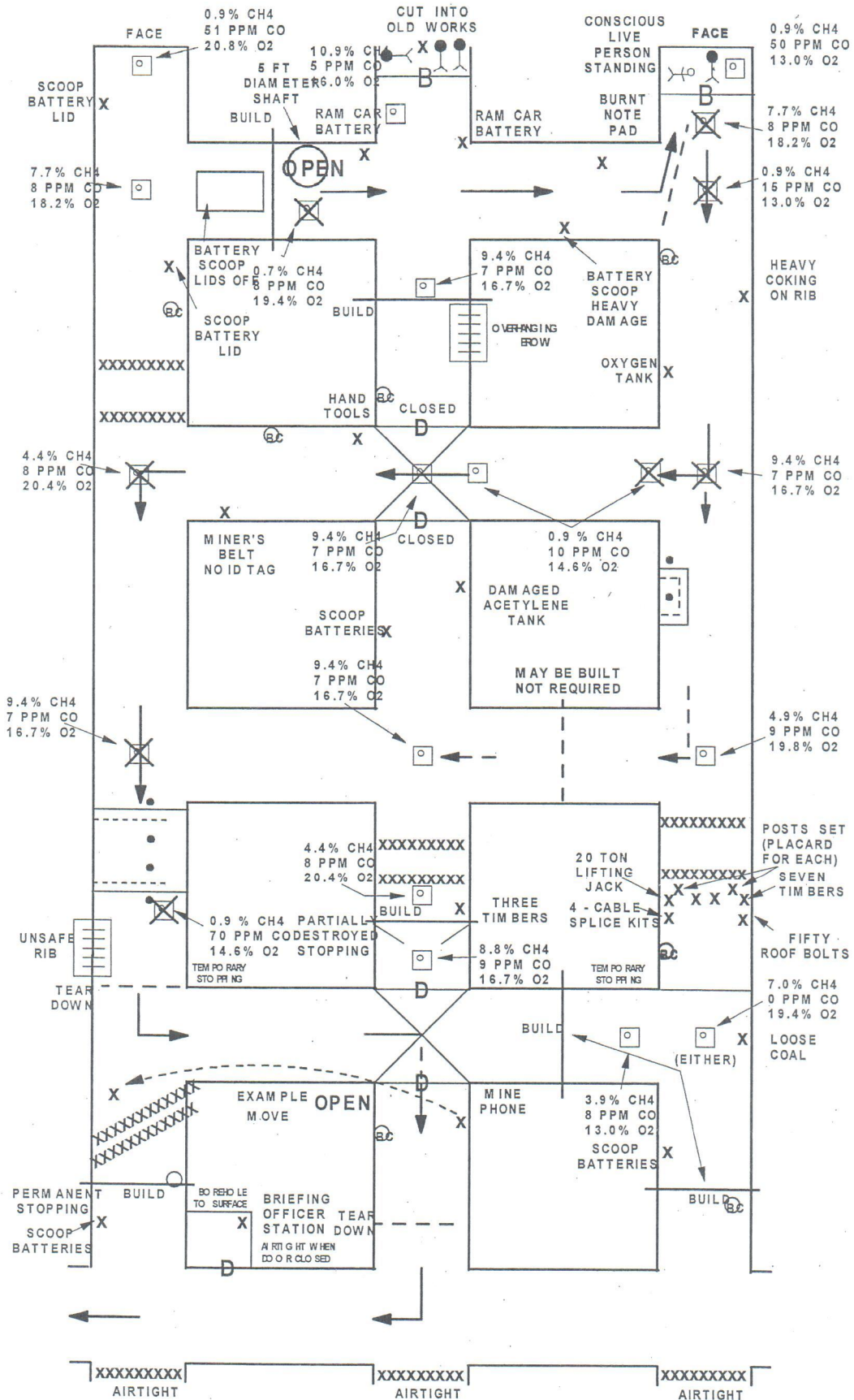
Final Vent
(Please Initial if map
is Final Vent Map)

Chm: _____

Judge: _____



VENTILATION 1 MAP



VENTILATION 2 MAP

