

STATEMENT

I am _____, Superintendent of the Imprudent Vol Coal Company #13 mine. Thank you for responding to our emergency. Yesterday evening a 4 person crew entered the mine to perform rehab work in an old area of the mine that is used for dewatering. When the outside person had not heard from them in a while, she tried to communicate with them and was not able to make contact. She contacted the mine foreman and he immediately came to the mine. As he made his way toward the section, he encountered disrupted ventilation, high levels of methane, elevated carbon monoxide and low oxygen. He was forced to exit the mine, notify the agencies, and notify mine rescue teams.

The miners were assigned to clean up, install additional roof support, and grade bottom for drainage. We are preparing to install a borehole pump in the #1 entry and the surface contractors are supposed to have it done next week. Originally the bottom was graded so that the entire area drained to a stationary pump installed in the #3 entry but the pump is no longer reliable. When the pump is running all of the water on the section drains to it. All mine power has been disconnected but we can put in power to the stationary pump if you request it. However, once energized it will have to remain running or we will not be able to get it going again and it doesn't take the water long to roof out. The map was up to date before the rehab work began but we are not sure what all has been done.

Previous mine rescue teams have explored the entire mine except for the area where you will be working. Access to the area has been limited by various obstacles and we will have to escort you in at the section's #2 cross-cut. In the interest of time, do not enter any areas that have been explored by other teams but explore the remaining area completely. The mine is ventilated by an exhausting fan that can not be stopped.

PROBLEM

- ACCOUNT FOR THE MISSING MINERS
- EXPLORE ALL AREAS OF THE MINE THAT CAN BE DONE SO SAFELY
- THERE IS A 80 MINUTE TIME LIMIT AND YOU WILL RECEIVE A 10 MINUTE WARNING

- The pump you started has quit running and burn up. The power running to it has been disconnected on the surface.

JUDGING POINTS

Complete stops 1-3

Blocked by unsafe and water. If haven't built to go through overcast, will have to now and find timbers.

Recover unconscious person

Complete stops 4-6

2 vents to clear pump cable

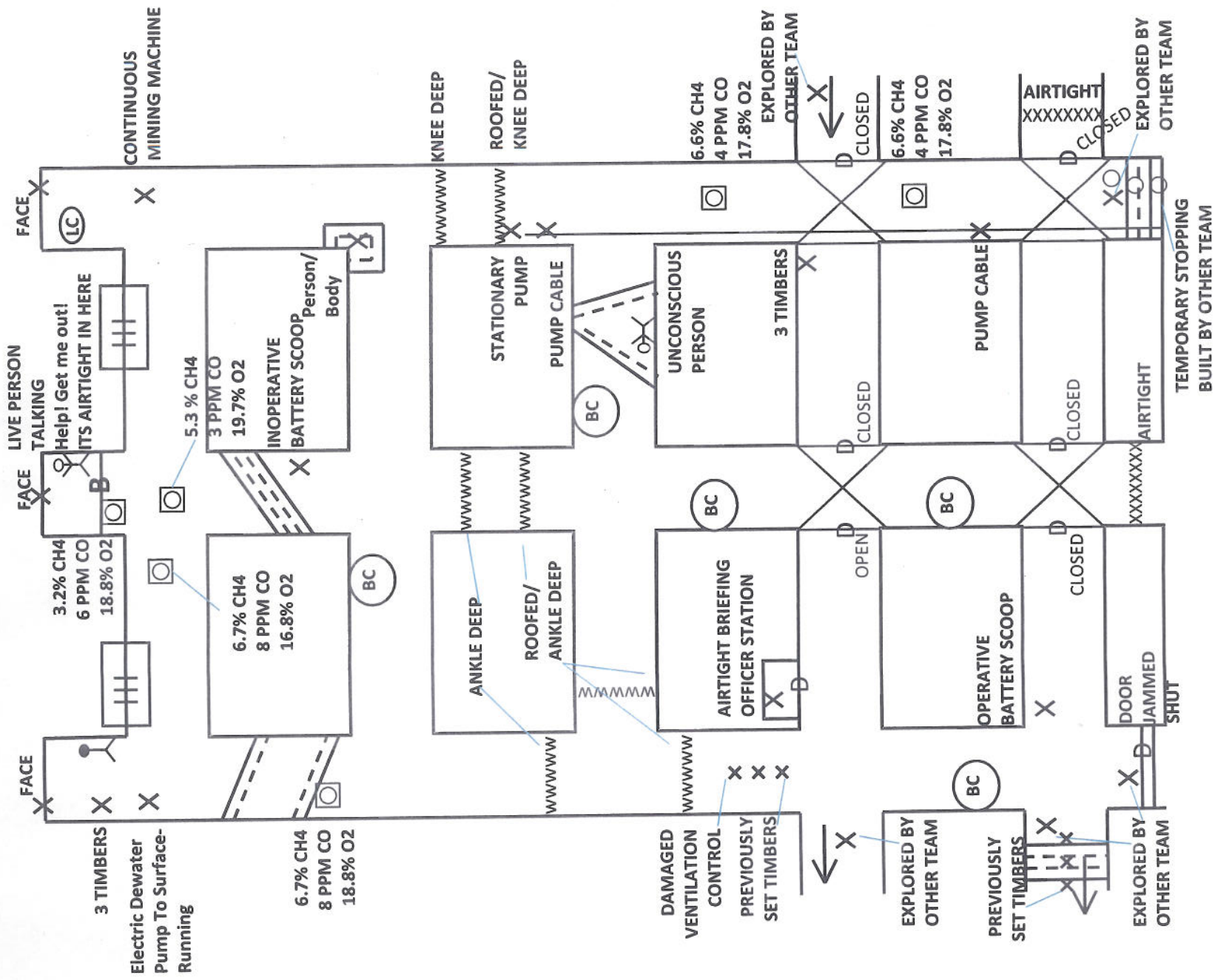
Airlock and turn on pump

Complete stops 7-12. Pump goes down and power disconnected from surface.

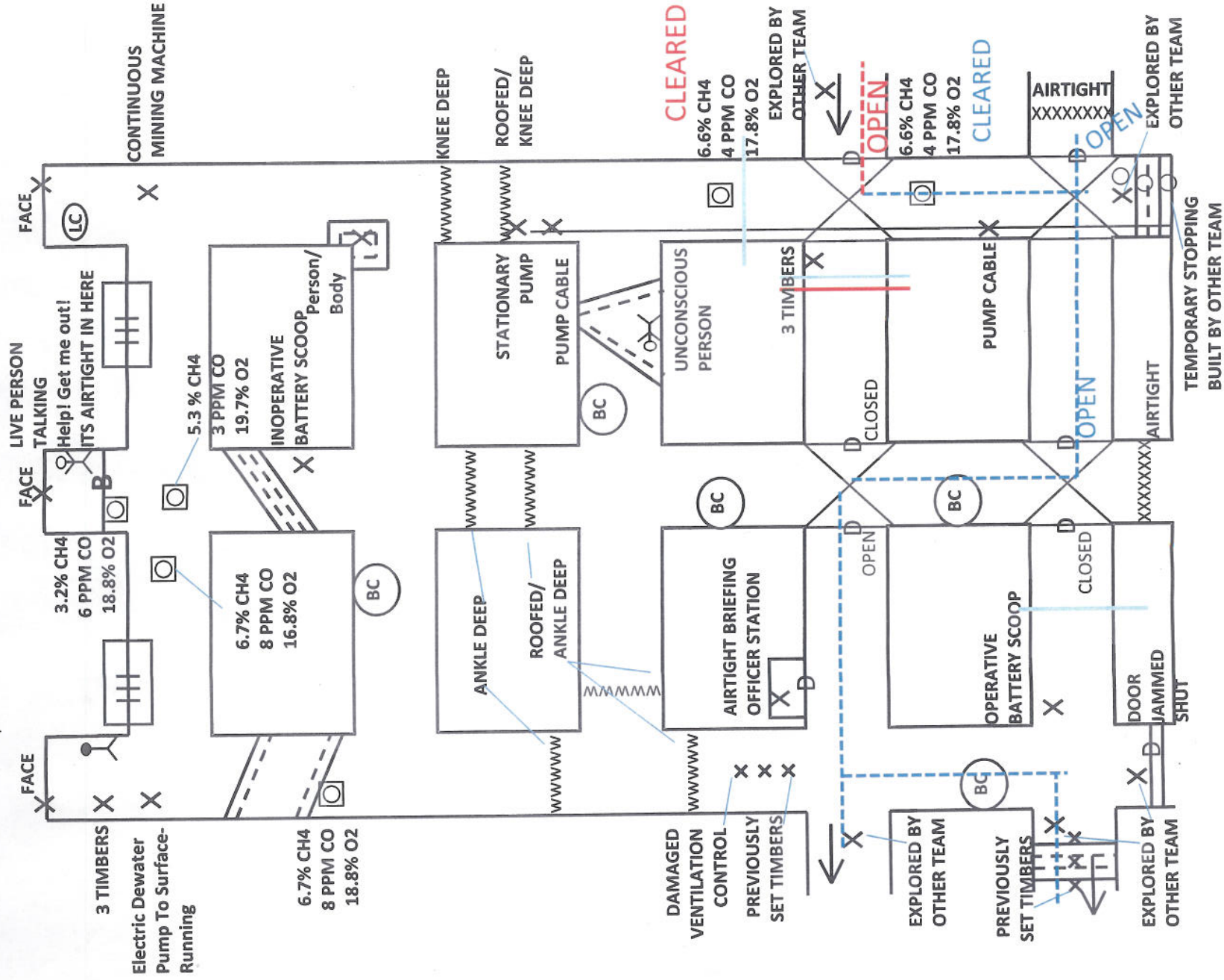
2 vents to clear barricade and recover patient

Team stop 13: team could make back side of unsafe before acknowledging the electric pump running in explosive mixture. Team must not pass pump placard in #1 and FPA.

Governor's Cup 2013



First or Second Vent



Third Vent

