

2019
WEST VIRGINIA Alliance
MINE RESCUE ASSOCIATION
MINE RESCUE SKILLS
JUDGE'S PACKET



Written Information for the 2019 Alliance contest

On day shift today a 7-person crew was working on the 2 Right section. At 10:00am we had mountain bump on the section and water inundation in the face of #3 entry. As a result, we have 3 miners unaccounted for. The location of 2 of the miners are unknown but we do have information on the possible location of the roof bolter operator working in the #3 face. Two roof bolter operators were working in the #3 face at the time of the bump. Both started out but one returned to the bolter to retrieve his lunch bucket when the second bump occurred. We believe he is still in the area of #3 face. The Alliance mine is a multi-section mine ventilated by a single exhaust fan on the surface. This fan is off at this time. We would like for your team to explore the section to locate the missing miners. Seismic monitors have been setup to monitor the mine ground movement while you are underground. Rib rolls, rock, coal, water and mine gases may hinder exploration, if so, your team will work with the Command Center to deal with the problems. The names of the missing miners are listed below. Numbers have been assigned to the missing miners. Several mine rescue teams are on site and all State and Federal agencies are on site.

Missing miner #1 Jim Brown

Missing miner #2 John Brown

Missing miner #3 Bill Allen

Written statement for 2019 Alliance contest

- Explore the entire mine that can be done safely
- Bring all survivors to the FAB
- Inform the Command Center when any of the missing miners are found before the team leaves that team stop.
- Only the number assigned to the missing miners will be called out over the radio
- Briefing Officer must list the missing miners (By Name) on the form provided as they are found and turn the form in to the command center at the completion of the problem

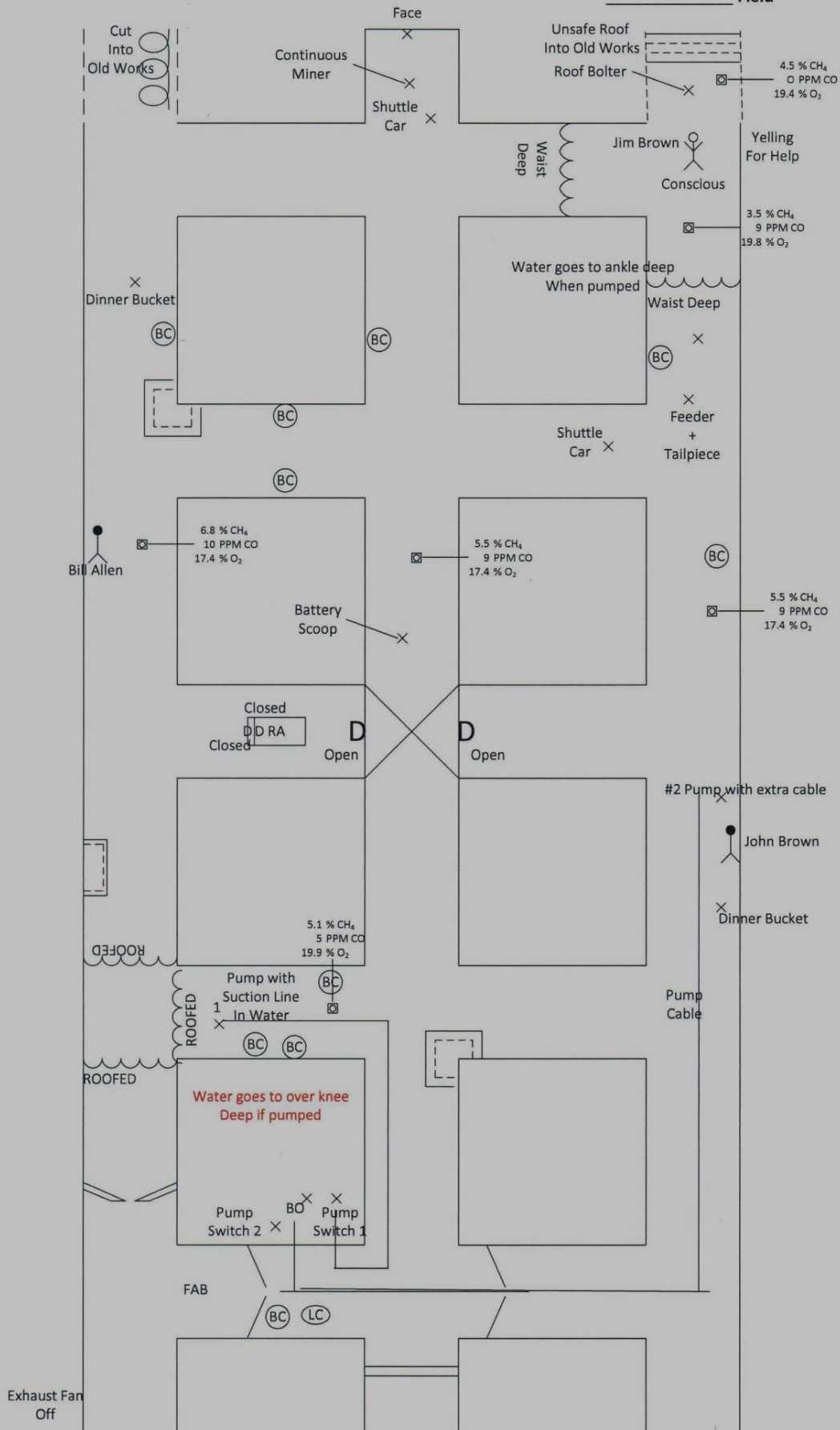
MISSING MINER #1 _____

MISSING MINER #2 _____

MISSING MINER #3 _____

2019 Skills Layout Map

Field



Keys to Problem

- Team must follow 2019 Mine Rescue Skills Rules
- Exploration is 2+2+1 method
- Patient will yell to team from behind waist deep water “Help get me out!”
- Discount for delay if any team member goes into last open crosscut before rescuing patient (See vent map)
- Average time for this problem was around 45 min.....
- This problem was meant to be very simple for teams and judges while learning the new procedures for mine rescue skills exploration/judging