

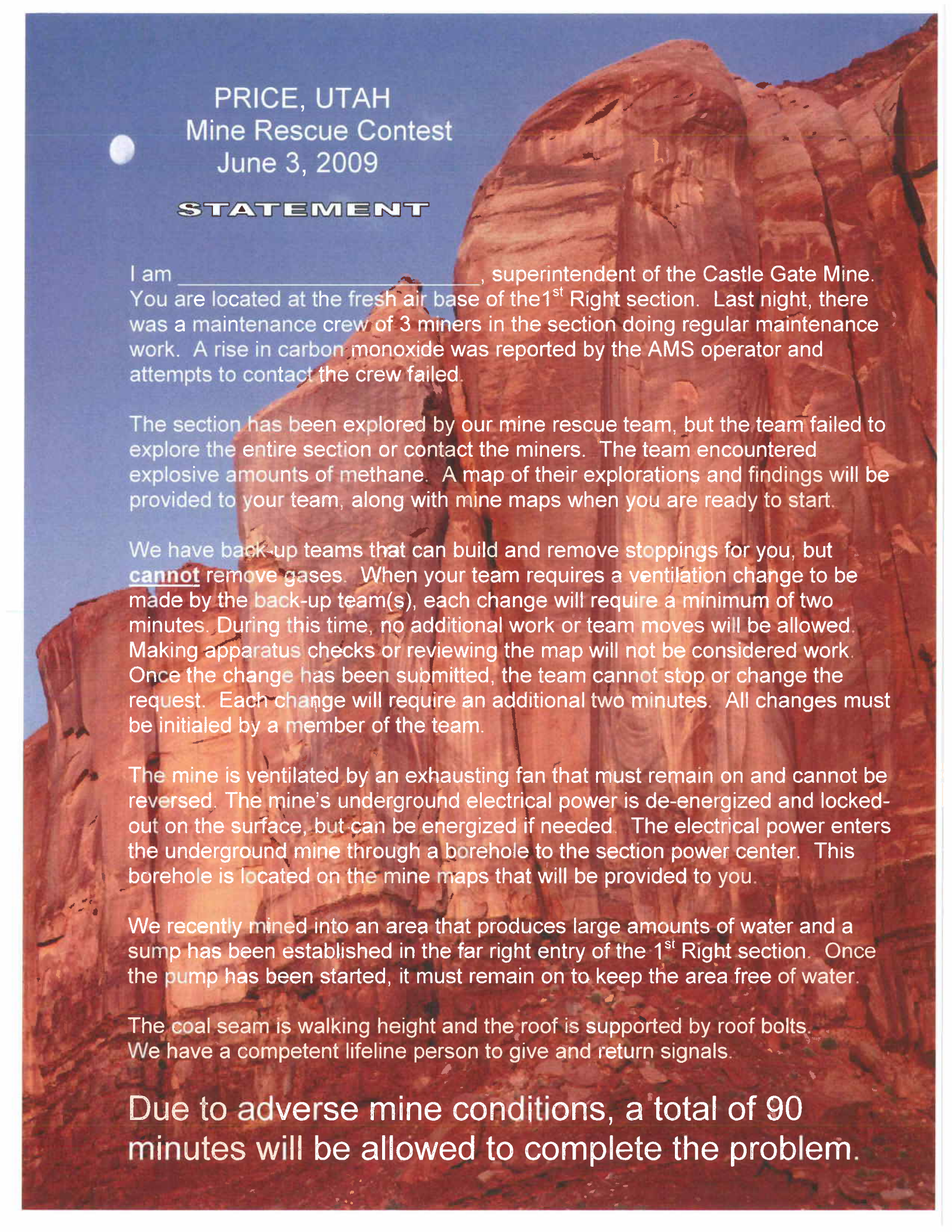
**PRICE, UT MINE RESCUE CONTEST
JUNE 2-4, 2009**

MINE RESCUE



1st PLACE WINNERS

**ENERGY WEST MINING
FARMINGTON, NM MINE RESCUE CONTEST
APRIL 2009**



PRICE, UTAH
Mine Rescue Contest
June 3, 2009

STATEMENT

I am _____, superintendent of the Castle Gate Mine. You are located at the fresh air base of the 1st Right section. Last night, there was a maintenance crew of 3 miners in the section doing regular maintenance work. A rise in carbon monoxide was reported by the AMS operator and attempts to contact the crew failed.

The section has been explored by our mine rescue team, but the team failed to explore the entire section or contact the miners. The team encountered explosive amounts of methane. A map of their explorations and findings will be provided to your team, along with mine maps when you are ready to start.

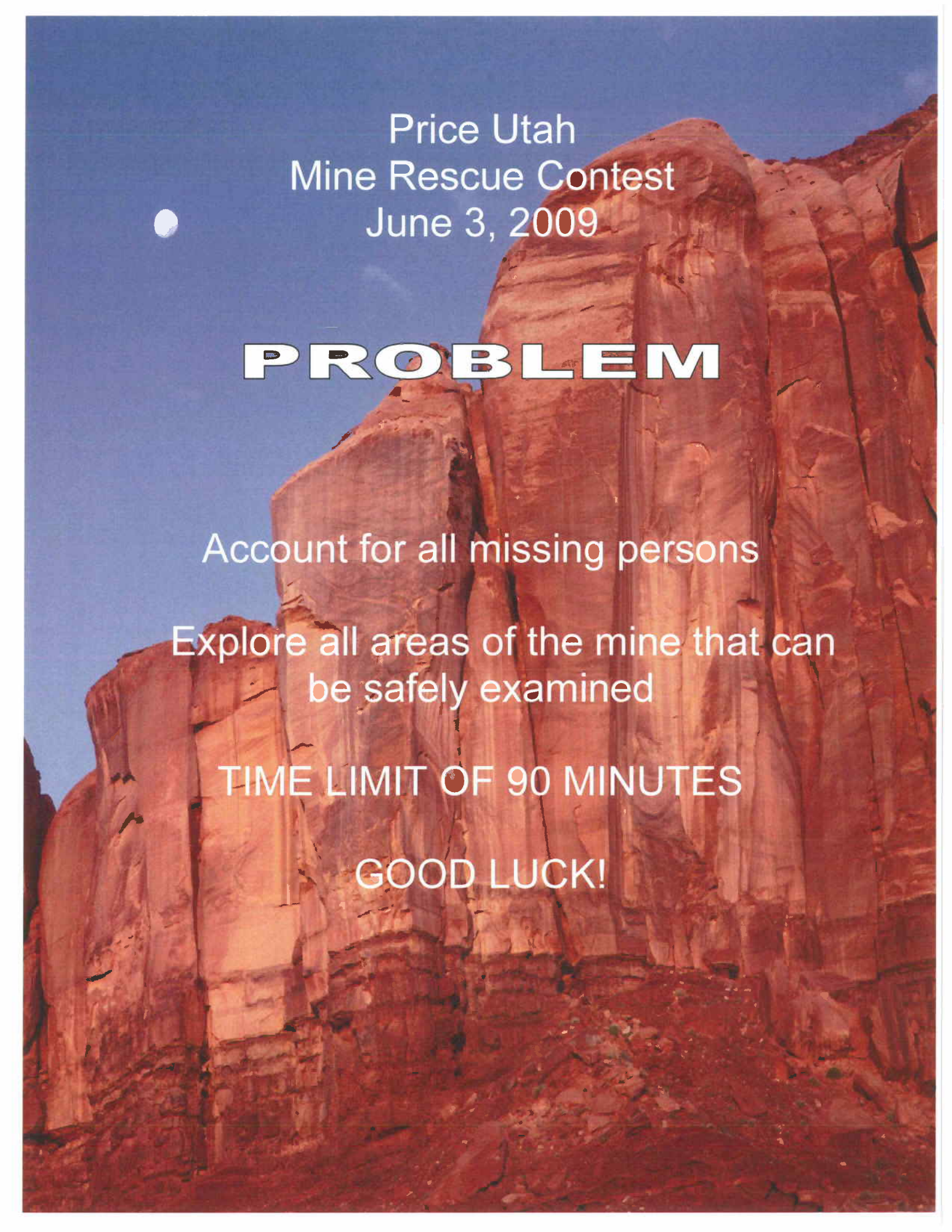
We have back-up teams that can build and remove stoppings for you, but cannot remove gases. When your team requires a ventilation change to be made by the back-up team(s), each change will require a minimum of two minutes. During this time, no additional work or team moves will be allowed. Making apparatus checks or reviewing the map will not be considered work. Once the change has been submitted, the team cannot stop or change the request. Each change will require an additional two minutes. All changes must be initiated by a member of the team.

The mine is ventilated by an exhausting fan that must remain on and cannot be reversed. The mine's underground electrical power is de-energized and locked-out on the surface, but can be energized if needed. The electrical power enters the underground mine through a borehole to the section power center. This borehole is located on the mine maps that will be provided to you.

We recently mined into an area that produces large amounts of water and a sump has been established in the far right entry of the 1st Right section. Once the pump has been started, it must remain on to keep the area free of water.

The coal seam is walking height and the roof is supported by roof bolts. We have a competent lifeline person to give and return signals.

Due to adverse mine conditions, a total of 90 minutes will be allowed to complete the problem.



Price Utah
Mine Rescue Contest
June 3, 2009

PROBLEM

Account for all missing persons

Explore all areas of the mine that can
be safely examined

TIME LIMIT OF 90 MINUTES

GOOD LUCK!

