

Emergency Equipment

A. Emergency Equipment Requirements

1. A sign will be located at the entrance to the well site with the following information displayed:

CAUTION - POTENTIAL POISON GAS
HYDROGEN SULFIDE
NO ADMITTANCE WITHOUT AUTHORIZATION

2. Fresh air breathing equipment required on the well site will consist of:
 - a. Five minute escape packs for all rig personnel will be kept in the dog house.
 - b. One 30 minute SCBA will be kept at each safe briefing area.
3. Wind socks or wind streamers required:
 - a. Two 36" wind socks located at strategic locations at a height visible from the rig floor.
 - b. Wind streamers (if preferred) to be placed at various locations on the well site to ensure wind consciousness at all times.
4. Hydrogen sulfide detector and alarms required:
 - a. One - three channel H₂S monitor with alarms.
 - b. Three sensors located at bell nipple, shale shaker, and on the rig floor.
 - c. Hand operated detector with tubes.
5. Condition sign and flags to be posted at the well site entrance:
 - a. One each of green, yellow, and red condition flags to be displayed denoting the following conditions:

GREEN - Normal Conditions
YELLOW - Potential Danger
RED - Danger, H₂S Present
6. Adequate fire extinguishers to be located at strategic locations around the well site.
7. BOP equipment and testing required:
 - a. Hydraulic double gate preventer Series 900 - 3000# W.P. will be installed prior to drilling out of surface casing.
 - b. The BOP's and choke manifold will be hydraulically tested to half the working pressure after nipping up and after any use under pressure.
 - c. Accessories to the BOPE will include an upper kelly cock, floor safety valve, and choke manifold with pressure rating equivalent to the BOP stack.
 - d. Pipe rams will be operationally checked each 24 hour period, as will the blind rams each time the pipe is pulled from the hole.
8. Radio and/or telephone communications will be available at the rig at all times.