

D. Auxiliary equipment will include annular preventer, mud-gas separator, rotating head, and flare gun with flares.

2. Protective equipment for essential personnel is Mark II Surviveair 30 minute units located in the dog house and at briefing areas, as indicated on well site diagram.

3. H2S Detection and Monitoring Equipment:

A. 2 portable H2S monitors positioned on location for best coverage and response. These units have warning lights and audible sirens when H2S levels of 20 ppm are reached.

B. 1 portable SO2 monitor positioned near flare line.

4. Visual Warning Systems:

A. Wind direction indicators as shown on well site diagram.

B. Caution/Danger signs shall be posted on roads providing direct access to the location. Signs will be painted a high visibility yellow with black lettering of sufficient size to be readable at a reasonable distance from the immediate location. When appropriate, bilingual signs will be used.

5. Mud Program:

A. The mud program has been designed to minimize the volume of H2S circulated to the surface. Proper mud weight, safe drilling practices, and the use of H2S scavengers will minimize hazards when penetrating H2S bearing zones.

B. A mud-gas separator and an H2S gas buster will be utilized.

6. Metallurgy:

A. All drill strings, casings, tubing, wellhead, B. O. P.s, drilling spool, kill lines, choke manifold and lines, and valves shall be suitable for H2S service.

B. All elastomers used for packing and seals shall be H2S trim.

7. Communication:

A. Radio communications in company vehicles included cellular telephone and 2-way radio.

B. Telephone communications at field office.