

- 2) Protective equipment for essential personnel:
 - (a) SCBA 30-minute air packs and 5-minute escape units at briefing areas and doghouse.
- 3) H₂S detection and monitoring equipment:
 - (a) 1 - monitor with 3 sensors (location of sensors diagrammed on location plat). These units have warning lights and audible alarms when H₂S levels of 20 ppm are reached.
- 4) Visual warning systems:
 - (a) Wind direction indicators as shown on location plat.
 - (b) "Caution"/"Danger" signs shall be posted on roads providing direct access to the location (*see attached*). Bilingual signs will be used, when appropriate.
- 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 the hazards when penetrating H₂S bearing zones expected to present a problem.
 - (b) A mud-gas separator will be used.
- 6) Metallurgy:
 - (a) All drill strings, casings, tubing, wellhead, blowout preventers, drilling spool, kill lines, choke manifold and lines, and valves shall be suitable for H₂S service.
 - (b) All elastomers used for packing seals shall be H₂S trim.
- 7) Communication:
 - (a) Radio communications on rig and in company vehicles including cellular telephone and 2-way radio.
 - (b) Land line (telephone) communications at Gas Plant approximately 3 miles away.
- 8) Well testing:
 - (a) There are no plans to open hole test this well. However, in the event that testing should occur, drill stem testing will be performed with a minimum number of personnel in the immediate vicinity which are necessary to safely and adequately conduct the test. The drill stem testing will be conducted during daylight hours and formation fluids will not be flowed to surface. All drill stem testing operations conducted in an H₂S environment will use the closed chamber method of testing.
- 9) H₂S Service Company:
 - (a) The company handling the H₂S safety services will be Indian Fire and Safety, Inc. out of Hobbs, New Mexico.