

H₂S DRILLING OPERATIONS PLAN

A. H₂S Training

All personnel involved in this drilling operation, whether assigned, contracted or employed on a regular basis, will receive training from a qualified instructor prior to commencing drilling operations on this well.

B. Well Site Diagram

- 1) Drilling Rig orientation: See Exhibit "C"
- 2) Prevailing wind direction: SW
- 3) Terrain of surrounding area: See Point 11
- 4) Location of briefing areas: See Exhibit "C"
- 5) Location of access road: See Exhibit "B" & "C"
- 6) Location of flare line and pits: See Exhibit "C"
- 7) Location of caution or danger signs: See Exhibit "C"

C. Description of H₂S Safety Equipment/Systems

- 1) Well control equipment: See BOP Diagram
 - a. Flare line and means of ignition: NA
 - b. Remote controlled choke: NA
 - c. Flare gun/flares: NA
 - d. Mud-gas separator and rotating head: NA
- 2) Protective Equipment for Essential Personnel
 - a. Location, type, storage and maintenance of all working and escape breathing apparatus: Scott breathing packs located at briefing areas shown on Exhibit "C" and on the floor. Stored in water-proof container and maintained on a monthly basis by third party safety company.
 - b. Means of communication when using protective breathing apparatus: Hand signals or microphones in the breathing packs are used for communication.
- 3) H₂S Detection and Monitoring Equipment
 - a. H₂S sensors and associated audible/visual alarm(s): Otis sensors are used with a visual light @ 10 ppm and siren @ 20 ppm.
 - b. Portable H₂S and SO₂ monitor(s): Bendix Pumps