NOTE: All H_2S safety equipment and systems will be installed, tested, and operational when drilling reaches a depth of 500 feet above or three days prior to penetration of the first zone containing or reasonable expected t contain H_2S.

1. Well Control Equipment:

   A. Flare line with flare igniter.

   B. Choke manifold with 1 remote hydraulic choke installed.

   C. Blind rams and pipe rams to accommodate all pipe sizes with properly sized closing unit.

   D. Auxiliary equipment to include: Annular Preventor.

2. Protective equipment foe essential personnel:

   A. 5-minute escape units located in the dog house and 30-minute are units at briefing areas, as indicate on well site disgram.

3. H_2S detection and monitoring equipment:

   A. 3 – portable H_2S monitors positioned on location for best coverage and response. There units have warning lights and audible sirens when H_2S levels of 20 PPM are reaches.

   B. 1 – portable SO2 monitor positioned near flare line during H_2S flaring operations.

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 location. Signs will be painted a high visibility yellow with black lettering of sufficient size to be a readable distance from the immediate location.

5. Mud program:

   The mud program has been designed to minimize the volume of H_2S circulated to the surface. Proper mud weight safe drilling practices and the use of H_2S scavengers when necessary will minimize hazards when penetrating H_2S bearing zones.