

1. Well Control Equipment :
 - A. Flare line with electronic igniter or continuous pilot.
 - B. Choke manifold with a minimum of one remote choke.
 - C. Blind rams and pipe rams to accommodate all pipe sizes with properly sized closing unit.
 - D. Auxiliary equipment to include : annular preventer, mud-gas separator, and flare gun with flares.
2. Protective equipment for essential personnel :
 - A. 30-minute air 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 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. Bilingual signs will be used when appropriate. See example attached.
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 will be utilized if needed.