

2. H₂S Safety Equipment and Systems

Note: All H₂S safety equipment and systems will be installed, tested, and operational when drilling reaches a depth of 500 feet above, or three days prior to penetrating the Cisco/Canyon zone at 7700'.

1. Well Control Equipment:

- A. An annular preventer capable of accommodating all pipe sizes with properly sized closing unit.

2. Protective Equipment for Personnel:

- A. Scott Air-Pack Units located on the rig floor 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 200 ppm are reached.

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 high visibility yellow with black lettering of sufficient size to be readable at a reasonable distance from the immediate location. See Example Attached.

5. Mud Program:

- A. The mud program is designed to minimize any H₂S circulated to the surface. Proper mud weight, safe drilling practices, and the use of H₂S scavengers will be used to minimize hazards when penetrating H₂S bearing zones (Cisco/Canyon).