

Nagooltee Peak "5" Federal Com. No.1
H₂S Re-Entry Operations Plan
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II.H₂S Safety Equipment and Systems

Note: All H₂S safety equipment and systems will be installed, tested, and operational when the drilling rig is rigged up.

1. Well Control Equipment:
 - A. A double ram type preventer with rams to fit the pipe sizes with properly sized closing unit.
2. Protective Equipment for Personnel:
 - A. Scott Air-Pack Units located at the drilling rig and at briefing areas, located away from the drilling rig.
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 flow line.
4. Visual Warning Systems:
 - A. Wind direction indicators at the drilling rig and around the perimeter of the location.
 - 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.
5. Mud Program:
 - A. The circulating fluid is designed to minimize any H₂S circulated to the surface. Proper weight, safe drilling practices, and the use of H₂S scavengers will be used to minimize hazards when penetrating H₂S bearing zones (Cisco/Canyon).