



**TRACE**  
TRACE ENERGY SERVICES LTD.

# Follow-up Report

Fatality  
Granbury, Texas

File # T05-341-1

Crew # 102

Date: 09/09/05

## **Nature of Injury: Fatality**

## **Cause of Injury: Delayed Blowout of Shot Hole**

Occupational Safety and Health Administration (OSHA) has completed its investigation of the fatal incident and determined that Trace personnel were acting in accordance with Trace policy and in addition were acting safely and responsibly.

After internally investigating the fatality, even greater emphasis is placed on adherence to Trace Policy and Procedure. As a result of the investigation Trace recommends an extended time delay between detonation and clean-up (see item 3). These measures are effective immediately:

1. Always exercise extreme caution when approaching a shot hole, whether prior to or post detonation.
2. Never during hook-up, checking leads or clean-up, expose any part of the body directly above the shot hole.
3. The delay between detonation and approaching the shot hole for clean up is extended to allow for the possibility of a delayed blow out. To assist in operations the following rules shall apply:
  - a. The minimum delay between detonation and approaching the shot hole, for any reason, including clean-up shall be no sooner than before detonation of three subsequent shot points on the same source line, ahead of the shot hole to be approached.
  - b. Clean up crew will remain a minimum of three shot points behind the blaster and stay in contact with the blaster by radio communication.
  - c. In the event the blaster has ceased operating, a clean up crew must wait a minimum of 15 minutes since the last detonation on that source line and in addition obtain clearance from the blaster that it is safe to approach the shot hole.

**HSE Manager: Marvin LeBeau**