

## WARNING (CONT'D)

fall on the driller's control panel or the person making the change over.

- f. Disconnect the mast line hose at the hammer union above the mud pump control valve (35).

## NOTE

Turn the hammer union counterclockwise to loosen.

- g. Connect the mast line hose securely at the hammer union above the air control valve (34).
- h. Accomplishing the above procedures completes the change over from mud to air operation. Refer to air compressor operation - manual for procedures for operating the air compressor and other components in the air system.

## 1-9. CHANGING FROM AIR TO MUD OPERATION

## NOTE

Refer to paragraph 1-2 for identification and explanation of control settings when performing the following procedures.

- a. Move the air compressor clutch control lever (17, Figure 1-2) to the OUT position.
- b. Move the air control valve (34) to the closed position.
- c. Open the drain valve in the bottom of the air receiving tank, and allow all air pressure to bleed from the tank.
- d. Disconnect the mast line hose at the hammer union above the air control valve (34).

## NOTE

Turn the hammer union counterclockwise to loosen.

- e. Check to see that the mud pump clutch control lever (16) is in the OUT position.
- f. Check to see that the mud pump control valve (35) is closed.
- g. Connect the mast line hose securely at the hammer union above the mud pump control valve (35).
- h. Refer to pump manual for mud pump operation.