

- d. Engage the power take-off control lever (58).
- e. Perform the following procedures to position the rotary table.
 - (1) Open the rotary table control valve (29).
 - (2) Set the hand throttle (2) or accelerate the engine with the foot throttle (1) to the desired engine rpm. Engine rpm can be observed on either of the tachometers (42 or 46).
 - (3) Check to see that there are no obstructions that would interfere with movement of the rotary table.
 - (4) Operate the TABLE CYL control lever (22) to move the rotary table to the desired position. When the rotary table is in the desired position, release the control lever (22).

NOTE

When moving the rotary table, movement of the table is in the same direction in which the TABLE CYL control lever (22) is moved.

- (5) When movement of the rotary table is completed, close the rotary table control valve (28).
- f. Perform the following procedures to operate the rotary table.
 - (1) Move the rotary table clutch control lever (12) to the disengaged position.
 - (2) Move the rotary table transmission control lever (15) to the desired position.
 - (3) Move the rotary table clutch control lever (12) to the engaged position.

CAUTION

The rotary table clutch control lever should not be left in the disengaged detent for any extended period of time or the clutch will be damaged. Shift the rotary table transmission to neutral, and return the clutch control lever to the engaged position.

1-17. PULLDOWN OPERATION

- a. Position the controls as indicated in paragraph 1-2.
- b. Position the auxiliary transmission shift levers (65, Figure 1-2) to the desired position.

- c. Refer to paragraph 1-2 and start and operate the engine.
- d. Engage the power take-off control lever (58).
- e. Move the pulldown transmission control lever (14) to the desired position.
- f. Operate the pulldown control lever (13) to obtain the desired pulldown pressure. The pulldown pressure will be indicated on the hydraulic system pressure gauge (21).

1-18. HOLDBACK OPERATION

- a. Position the controls as indicated in paragraph 1-2.
- b. Position the auxiliary transmission shift levers (65, Figure 1-2) to the desired positions.
- c. Refer to paragraph 1-2 and start and operate the engine.
- d. Engage the power take-off control lever (58).
- e. Perform the following procedures to adjust the hold-back pressure.
 - (1) Pull the hold-back pressure control (6, Figure 1-2) out to the on position.
 - (2) Loosen the locknut on the valve handle shaft on the hold-back balance control (5).
 - (3) Accelerate the engine to the desired rpm.
 - (4) Observe the indication on the hold-back pressure gauge (20).
 - (5) Rotate the hold-back balance control handle (5) to obtain the desired pressure indication on the gauge (20).
 - (6) Tighten the locknut on the valve handle shaft on the hold-back balance control (5).
 - (7) Push the hold-back pressure control (6) in to the off position.

NOTE

After the hold-back pressure has been adjusted, hold-back pressure should be applied or shutoff as necessary during the drilling operation by using the hold-back pressure ON-OFF control (6).

1-19 PNEUMATIC LUBRICATOR OPERATION. The pneumatic lubricator should be checked and set for operation prior to operating the machine.