Hand Pumps

HAND PUMP INSTALLATION INSTRUCTIONS - 11HA

With depth of well known, assemble cylinder to equal lengths of drop pipe and pump rod. Insert into well and continue to add drop pipe and pump rod of equal lengths allowing for a minimum of 2 feet between bottom of cylinder and bottom of well.

Assemble pump following the procedure.

1. Attach HA52 pump rod to end of pump rod from well using a 7/16 x 7/16 rod coupling.

2. Slip pipe flange (must be ordered separately) over well casing.

3. Guide HD pump base over pump rod and attach to 1-1/4" drop pipe in well. Note: Base is internally tapped 1-1/4" NPT.

4. Place HA152 cap assembly over pump rod and onto top of base and align in direction you wish the handle to operate from (normally 180° from spout).

5. Tighten the (2) PS110 set screws securely.


7. Position pump handle into slot of pump cap HA152 and insert EP54 thru pump cap and handle. Secure pin with HF57 cotter pin.

8. Check for plunger striking bottom or top of cylinder with the pump handle in extreme upper or lower position respectively. Some adjustment in length of the Drop Pipe or Pump Rod may be required.

9. Lower pump onto the pipe flange and secure to flange. Note: Be sure that pipe flange is properly secured to the well casing.

10. Attach gasket (O80) and siphon spout (O9) to pump base using carriage bolts (HD70) and hex nuts (UB17).

Drill a draining "Weep" hole, approximately 1/8" and below your frost line, to avoid freezing.