Determining Water Level

Install ⅛" or ¼" tubing long enough to be 10' to 15' below low water level. Measure the tubing length as it is lowered into the well.

Once the tubing is fixed in a stationary position at the top, connect an air line and pressure gauge. Add air to the tubing until the pressure gauge reaches a point that it doesn't read any higher. Take a gauge reading at this point.

A. Depth to water
   (to be determined).

B. Total length of air line
   (in feet).

C. Water pressure on air
   tubing. Gauge reads in
   pounds. Convert to feet by
   multiplying by 2.31.

Example:
If the air tube is 100' long,
and the gauge reads 20 lbs.
20 lbs. x 2.31   = 46.2 ft.
Length of tube = 100 ft.
minus 46.2 ft. = 53.8 ft.

Depth to water (A) would be 53.8 ft.