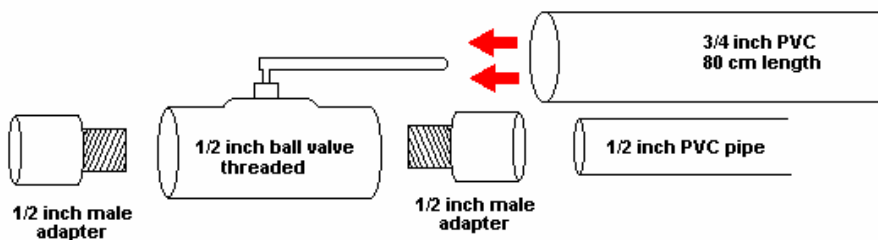



Oil well

The key component for construction the oil well is **1/2-inch ball valve threaded**, a part that can be acquired from most hardware stores. Screw in a **1/2-inch PVC male adapter** to each side of the ball valve. Attach a 1-meter length of **1/2 inch PVC** into the end of each male adapter. This comprises the oil pipeline component of the oil well.

An 80 centimeter length of **3/4-inch PVC** was used to lengthen the handle of the ball valve. This length of PVC was bolted directly onto the handle, using a pair of bolts to increase stability. The extended handle was filled with spray foam to neutralize buoyancy.

The entire oil well device is stabilized (so it will not roll when the handle is pushed) with a series of braces. Just under the handle is a PVC framework with four legs to prevent roll. Also, a pair of milk crates will be set up along the oil pipeline approximately 1 meter in both directions from the valve. The oil pipeline will be braced by these milk crates to eliminate roll.



 Bolt 3/4 inch PVC onto the handle of the 1/2 inch ball valve threaded.

