

Petro-Bailer™

The Petro-Bailer™ is a passive skimmer that provides inexpensive and easy removal of floating hydrocarbon from wells without pumping with little or no water recovery.

The Petro-Bailer™ is constructed of PVC and Polyethylene and will float so that the hydrophobic intake filter is in the hydrocarbon zone simply hang the Petro-Bailer from a lightweight suspension cord so that the center of the filter is at the product/water interface. Allow a slightly longer length of suspension cord and the filter will stay positioned if water levels vary slightly.

All connections are threaded for ease of assembly and replacement of an individual component. The 12" long hydrophobic filter allows for separation of the floating hydrocarbon with the collection being provided in a 0.2-gallon reservoir. (Larger reservoirs are available)

Installation & Use:

Measure and record the static water level and thickness of the product level in the well.

Tie one end of a lightweight suspension cord to the top of the Petro-Bailer and measure a length of cord so that the center of the filter will be located at the product/water interface when the tether is attached to the top of the well. The preferred method of suspension is to hang the top of the tether from a well cap that has a hook or tab for this purpose.

Slowly lower the Petro-Bailer into the well. After several minutes the water will equalize and product separation will begin.

The hydrophobic membrane can be submerged under water a short distance without water entering the reservoir however, the water level should not extend above the top of the filter or water may pass through the filter.

Periodically remove the Petro-Bailer from the well, unscrew the top and empty the contents into a suitable container for disposal.

After each event re-measure the water and product levels and reset the PetroBailer to the new conditions.

