

ENDURANCE

Mercury Pump - Stationary Barrel

MODIFIED-API ROD PUMP

Your unique well conditions may demand a more innovative and cost-efficient solution than standard API sucker rod pumps can deliver. For those applications, Endurance customizes pump solutions leveraging a range of specialized knowledge and equipment.

STATIONARY BARREL MERCURY PUMP

This style of the Endurance Mercury Pump is designed for heavy sand and lower gas volumes. It can be enhanced with the use of bottom discharge valves (BDVs). All Endurance Mercury Pumps are designed for dealing with solids such as trash and sand and can be built with a variety of metallurgy types.

It is recommended with a Mercury style pump to balance the pumping unit **rod heavy** so that on the down cycle, the plunger is at its lowest position and the starting up-stroke will be up and away from the settled solids above the standing valve. This will put the settled solids in suspension and moving up on the next stroke.

SUMMARY OF ADVANTAGES

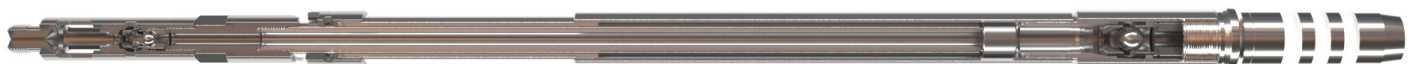
- Long plunger is constantly out of the upper sealing barrel
- Fluids laden with solids that would normally collect above the upper leading edge of plunger, are not allowed to settle back into the pump on the down-stroke
- Great for moving higher fluid volumes with solids and preventing stuck pumps
- Increased run times between interventions and loss of efficiency
- Reduces peak polish rod load and allows increased production due to the gain in the net plunger stroke.



Endurance Stationary Barrel Mercury Pumps, pictured with up to 3 BDV's.



Bottom Discharge Valve.



Endurance Mercury Pump - Stationary Barrel style.



Contact your local representative for more information on Rod Lift products.