

The Oil and Gas Separator tool is designed to help separate foam gas from heavy and conventional oil in horizontal applications and laid out directional wellbores. The unique feature of the Oil and Gas Separator is its ability to allow gas to flow up casing annular and not interfere with the pump production. The unique field proven design maintains production intake on the horizontal well bottom while insuring minimal gas intake. It allows the gas to rise to the top of the liner, flow along the liner top, and migrate to the surface, while the higher density oil lying on bottom is able to flow to the production intake on the Oil and Gas Separator.

The tool is run on the bottom of the pump or tubing and landed as per pump intake. No functioning is needed to set or release.

Advantages

- **Simplicity of design allowing minimal chance of functional failure**
- **Minimal servicing**
- **The unique continuous bottom intake is always maintained even when rotating tubing string.**
- **Large intake area for maximum flow intake**
- **Ease of running**

Oil and Gas Separator					
Casing Size		O.D.		Connection	
in	mm	in	mm	in	mm
4-1/2	114.3	3-3/4	95.3	2-3/8	60.3
5-1/2	139.7	4-1/2	114.3	2-7/8	73
7	177.8	4-1/2	114.3	3-1/2	88.9
8-5/8	219.0	7	177.8	3-1/2	88.9

Same for all casing weight above 219 mm

