

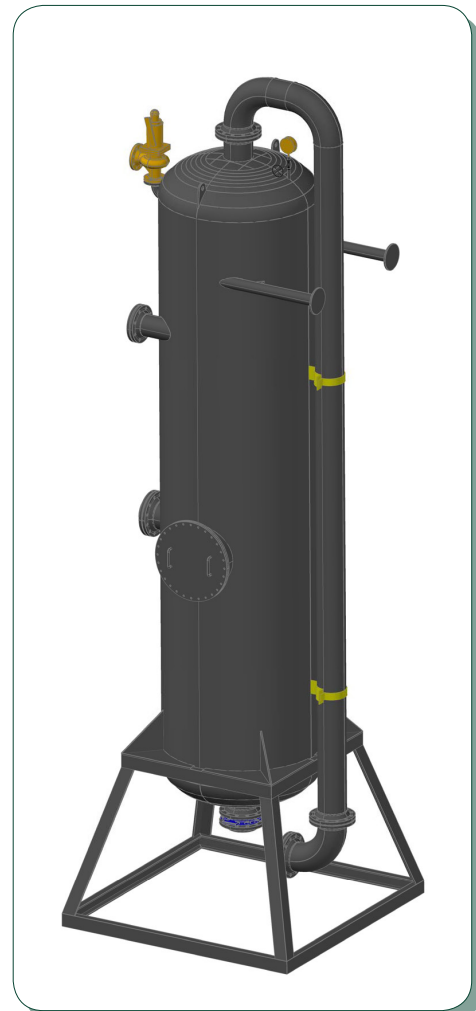


## DESCRIPTION

Mud Separator is a first stage equipment to separate and safely vent the free gas invaded into mud that is commonly encountered in drilling and workover activities.

Troya Mud Gas Separator system consists of a cylindrical pressure vessel in a fixed vertical position that contains a series of specially angled baffle plates inside, stepped from the top to the bottom.

When contaminated mud is routed into the Separator, it will hit the baffle plates, which are used to increase travelling time and allow gas to move out of the mud. Gas, which has lower density than air will move up and mud will, goes down due to gravity. The gas is released to vent line to be flared in a safe location. A backpressure valve in the flare line can control the gas delivery from the Separator unit to the flare line.



## PERFORMANCE FEATURES

- Maximizes free gas/mud separation
- Safely handles trip gas in under-balance drilling applications
- Efficient baffle arrangement to easily separate gas from fluid
- Available in varying sizes and lengths, accommodating any volume of fluid with high concentrations of gas

## GENERAL SPECIFICATIONS

Service	Standard and H <sub>2</sub> S
Length	As per request
Width	As per request
Height	As per request
Liquid Capacity	As per request
Gas Capacity	As per request
Max. Working Pressure	275 psi

