

A differential gas-lift plant with limitation of gas pressure on the stratum contains a lift pipe installed in a flow string. In the upper part of the pipe hydraulic calibration channels and gas-lift valves are located and its lower part is solid. At the surface part of the main lift pipe a process intake is located and at the surface part of the flow string a process outlet is placed. In a lower nonperforated part of the main lift pipe an additional perforated by hydraulic channels lift pipe is installed which upper end is fastened at the main lift tube with possibility of hydraulic connection of its pot with annular space of the well and its lower end is located in a packing device fastened in the main lift pipe and hermetically separating space of the well against the ring hollow formed by the main and additional lift tubes.