

ABSTRACT

METHOD FOR EMERGENCY PLUGGING AN UNDERSEA WELL AND APPARATUS FOR CARRYING OUT SAID METHOD

The invention refers to oil-and-gas industry and can be used in emergency killing of wells.

The method of emergency killing of a well of underwater head position comprises a cementing composition squeezing, wherein depth of the well section to be cemented is defined basing on the well condition and pressure in it, an injector, fixed on the tank with cementing composition and placed inside a bag made of some flexible material, is bottomed and inserted into the wellhead, the bag being filled with cementing composition which is squeezed into the bag through the injector from the tank, and providing for a firm contact of outer surface of the bag with inner surface of the well, the injector being kept at a target depth by means of the weight of the whole structure filled with the cementing composition, pressure in the bag being maintained till the cementing composition hardening. After complete hardening of the cementing composition either fluid is to be pumped out or well is to be killed.

Fig. 1