# Prevention Device for Non-Controllable Oil and Gas Blow Out

Muradli, Gudrat

The complete depiction of the facility consists of the following parts: •The plant is prepared in the factory environment before the accident. •1) Exploitation pipe •2) Collar •3) Adjacent to the pipe collar. •4) cutting mechanism -(“TOP-DRIVE” device ) •5) Pipes placed inside, half front slit. •6) In the (3) pipe, the hydraulic arms (4-pcs) which will move the pipe (5) •7) 100% opening-closing drawer (flaps) (2-piece). •8) Scheduled to be directed to place pipes The business principle of this facility is carried out in the following order. The plant depicted in the figure is prepared in the factory environment before the accident and combined with the collar tool in front of the pipe (3) under the water during the accident, through the "ROV" - to the pure section of the pipe. Then, (3) the water is sprinkled under pressure to the (3) pipe so that the strong natural gas flow coming from the exploitation pipeline is detected and it gradually moves in accordance with the system. Then, the "TOP-DRIVE" mechanism is activated and the exploitation pipe (5) is cut off so that the pipe can enter and is ejected out by the pressure from the use pipe from the opened valves (6) . The valves are closing again. In order not to suddenly get out of the dominant position coming from the use pipe, the moving pipe (5) in the pipe (3) is included in the exploitation pipe (5) through the hydraulic hole. (8) - The previously scheduled pipeline is connected to the outlet of the system. Finally, the pipe (5) is transformed into the use pipe 900 , and the current in the use pipe is replaced by the newly installed line by changing the direction through the system installed, and it prevents danger.

**Awards Won:**