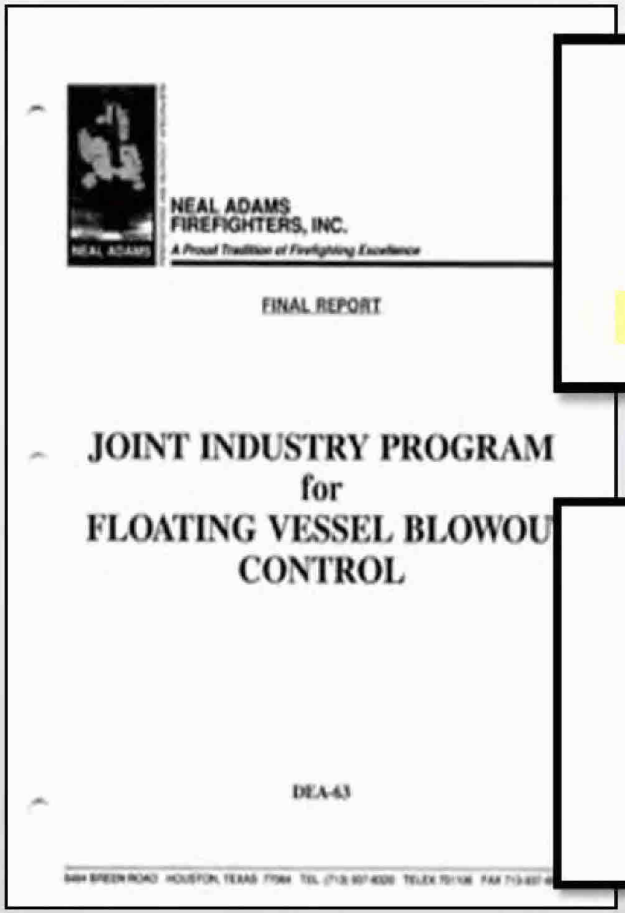
Joint Industry Blowout Control Report: DEA-63 (1991)



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FINAL REPORT

JOINT INDUSTRY PROGRAM
for
FLOATING VESSEL BLOWOU
CONTROL

DEA-63

> Wells drilled in 5000 ft (plus) of water are unique. They are quite often a "one off" well which means that many aspects of the well were special designed on a one time basis. If a "one off "well blows out, the question arises as to how long will it take to rig up and kill the blowout when perhaps years went into preparation for drilling the initial well. This situation is analogous to a well drilled in severe Arctic conditions where the drilling season is very short. Fortunately, in these deeper environments, vertical intervention becomes an attractive kill option.

TREX-11625.41

The deeper blowouts have a number of disadvantages including the following:

- Higher formation pressures that place more stringent requirements on the relief well.
- Reduced casing sizes for deeper relief wells that consume more hydraulic horsepower in pumping the kill fluids to the blowout well.
- Ellipses of uncertainty that may be unmanageable in deep situations unless bypasses and sidetracks are made.
- Long drilling times.

TREX-11625.43

Source: TREX-11625.41, 11625.43