

GULF OF MEXICO

Location	Gulf of Mexico
Field	Lloyd Ridge 400
Water depth	9,179 ft [2,798 m]
Total setting depth	13,248 ft [4,038 m]

Background

An ultra-deepwater well in the Gulf of Mexico, drilled to 17,715 ft [5,400 m], encountered 56 net feet of natural gas pay in Upper Miocene reservoirs. The well was capable of producing 5,000 bbl/d of condensate and 1 Bcf/d of gas.

The operator needed a reliable safety valve that would help preserve well integrity in the event of emergency at a depth greater than 13,000 ft [3,962 m], a record setting depth for safety valves.

Technology

- 4½-in TRC-II* tubing-retrievable charged safety valve

TRC-II Tubing-Retrievable Charged Safety Valve Successfully Set in GOM at Record Depth of 13,248 ft

Safety valve in Gulf of Mexico well provides operating redundancy, well integrity, and long-term reliability at a depth previously unattainable

