

CASE STUDY- 2021- CASPIAN SEA

First Integrated Operation of VAULT® system retrieval in Caspian Sea

Challenge

A major international operator installed the VAULT® dual plug system within the well for a long-term suspension in April 2020. Due to Covid-19 concerns the operator had challenged Archer to utilise the IO technique to retrieve the system.

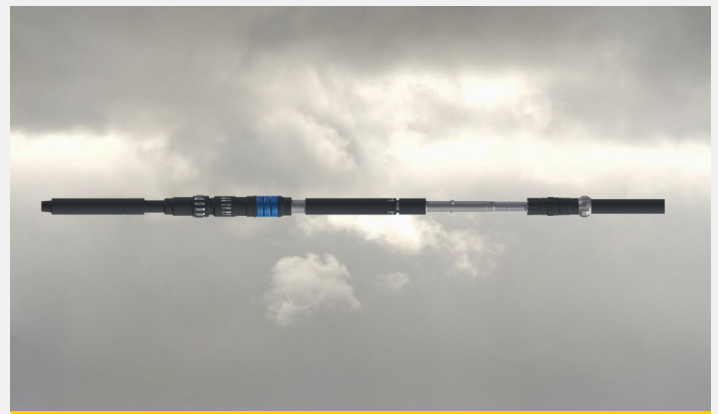
These wells are normally suspended with a deep set 10" TIMELOCK™ at 4000m with a deviation of 60°-70°. The shallow 10" VAULT® is set at 2200 m in a vertical casing.

“Operation executed successfully. VAULT® System recovered two plugs in one run through Integrated Operation”



Solution

To overcome the personnel travel restrictions, Archer set-up its first integrated operation centre (IO) in the Caspian region in collaboration with the operator's remote support centre to receive real-time data from the rig during the operation and communicate directly with the rig team. The VAULT® Dual Plug System was chosen as the system has the unique capability of retrieving two plugs in one run.



Result

Operation executed successfully. Documentation pack and pre-job discussion with Archer assisted understanding and knowledge of contingencies.

Pre-job preparation sheets and guidance by Archer was of high standard and Archer IO team and rig site team performed retrieval of the VAULT® system successfully.

