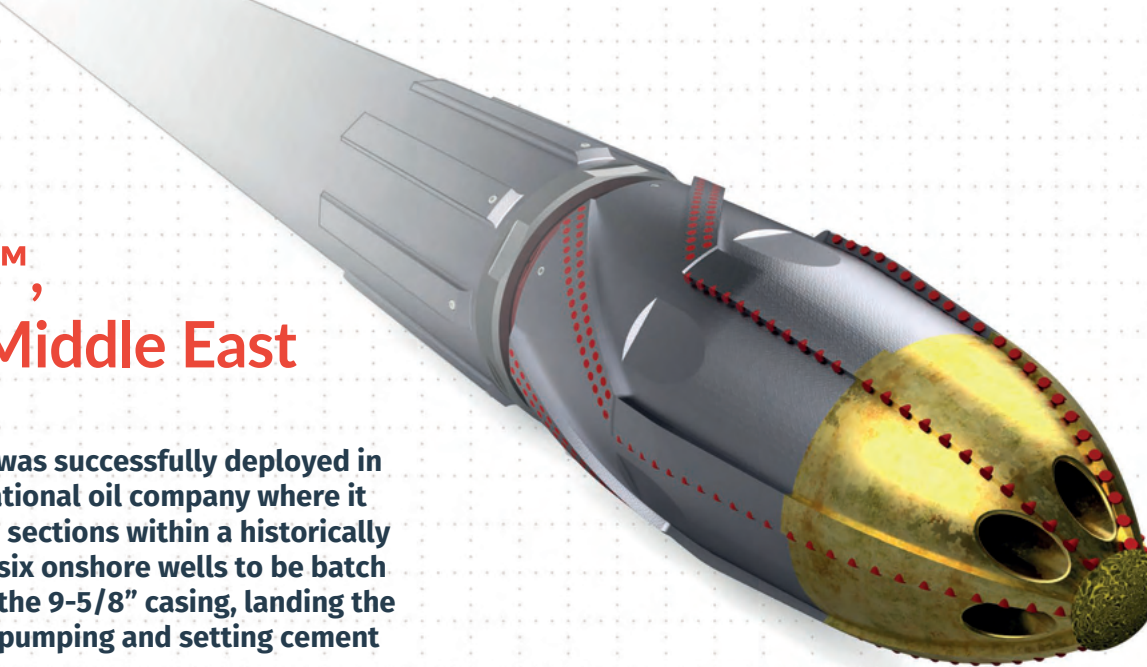


9-5/8" TurboCaser™, Third of Six Wells, Middle East

Deep Casing Tools 9-5/8 TurboCaser™ was successfully deployed in January 2022 to the Middle East for a national oil company where it was required to help batch drill 12-1/4" sections within a historically problematic field. This was the third of six onshore wells to be batch drilled. The TurboCaser™ was RIH with the 9-5/8" casing, landing the string to target depth and successfully pumping and setting cement for drill out of next hole.



THE CHALLENGE

- The faulted and interbedded nature of the field could lead to issues running the casing to required section at target depth.

THE SOLUTION

- A DCT 9-5/8" TurboCaser™ (TCE958) was deployed to assist running the 9-5/8" casing to target depth. This gave the client the ability to ream past any formation problems such as ledges, sloughing and/or cuttings build up, maximising the client's potential of reaching the planned casing point.
- The 9-5/8" TurboCaser™ has a proven record for rapidly drilling out, reducing costly NPT. Time taken to drill-out on average is 20 minutes.
- The TurboCaser™ has a low-pressure signature making it the safest option while giving the casing the best possible chance to reach TD.
- DCT's pre-job hydraulic modelling allowed the client to operate the TurboCaser™ within a safe pressure window.

THE RESULT

- ✓The section was completed successfully.
- ✓Encountered multiple hole issues during RIH. The activation of the TurboCaser™ was required and reamed successfully to section at target depth.
- ✓The TurboCaser™ reamed 1,168ft over a period of 9 hours.
- ✓The collective pre-planning and communication between DCT and the client was significant in achieving the ultimate goal of reaching target depth.
- ✓Client was so impressed; he wants to use the TurboCaser™ in all batch drilled sections.



IN NUMBERS

- Conventional Technology
- TurboCaser™



28HRS RIG TIME SAVED
Use of the TurboCaser™ saved twenty-one hours of rig time and \$250K USD rig spend.



\$250K SAVED
The TurboCaser™ successfully reamed 1,168ft in 9 hours overcoming multiple hole issues during RIH, saving time, money, and emissions.



70% REDUCTION
The TurboCaser™ reduced 33MT of CO2 emissions, helping operator towards reaching net zero targets.