

Plug & Abandonment

Maersk Reacher delivers

In 2014, Maersk Drilling, a parent company of Maersk Decom, carried out the plug and abandonment of BP's complex Valhall field in the Norwegian North Sea, including the decommissioning of 13 wells.

Wells drilled over the previous 30 years required installation of robust barriers to ensure isolation of distinct permeable zones through the subsurface formations.

"Each well plan was delivered ahead of schedule, providing the client with consistent data points to budget and plan for future work," says Chris Rennie, Assistant Rig Manager of Maersk Reacher.

A broad range of skills and competencies was utilised by the crew throughout the plug and abandonment scope. Surface gas handling and well control were key focus points during the campaign. Close monitoring of the well and reacting to trends in gas sensors was required to ensure that a safe operation was maintained at all times. Integrated communication between the drill floor, mud loggers, radio operator and onshore support teams ensured safety throughout the operation.

"Each well has its own challenges, but the lessons learned from the first wells have been captured and implemented into future well plans and instructions," says Chris.

"We are proud of the Maersk Reacher crew and their proactive approach to delivering safe and efficient operations to our client."

HIGHLIGHTS

Maersk Reacher's work on the Valhall Fields

Days ahead of schedule	559
Lessons learned and implemented	1500
Plug and abandons completed	13
Cement plugs installed	57
Meters of casing section milled	583
Seals restored	86
Meters of tubing removed	30,310

BP's Wells Operation Superintendent at Valhall P&A, Magnar Sigland, adds, "The Valhall field is one of the most complex fields to abandon in the world. The wells all require their own, specific approach and are a challenge from start to finish. Maersk Drilling has been a major contributor in the overall success of the operation."

Backed by more than 50 years of experience delivering safe and efficient offshore support vessel and drilling services, Maersk Decom offers innovative and simplified decommissioning solutions for the global energy sector.

559 days
ahead of
schedule



No resource wasted
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