

Case study: North Sea

Remote operations help deliver multi-well project safely and efficiently

A large North Sea operator needed to radically transform its well-construction efficiency in order to ensure sustainable development costs for its major projects. The operator partnered with Baker Hughes in order to drive those efficiencies while still delivering consistent, high-quality performance.

The operator, rig contractor and Baker Hughes collaborated on a set of aligned goals and performance benchmarks in order to achieve the desired efficiencies. One key element in being able to deliver those results was Baker Hughes Remote Operations Services.

Thanks to its multi-skilled personnel and the company's remote operations

approach, Baker Hughes was able to reduce Personnel-On-Board (POB) by 50% over similar operations in the past.

The implementation of remote operations was also a key factor in accelerating the identification and adoption of best practices to help continuously improve on the "perfect" well's Time vs. Depth curve.

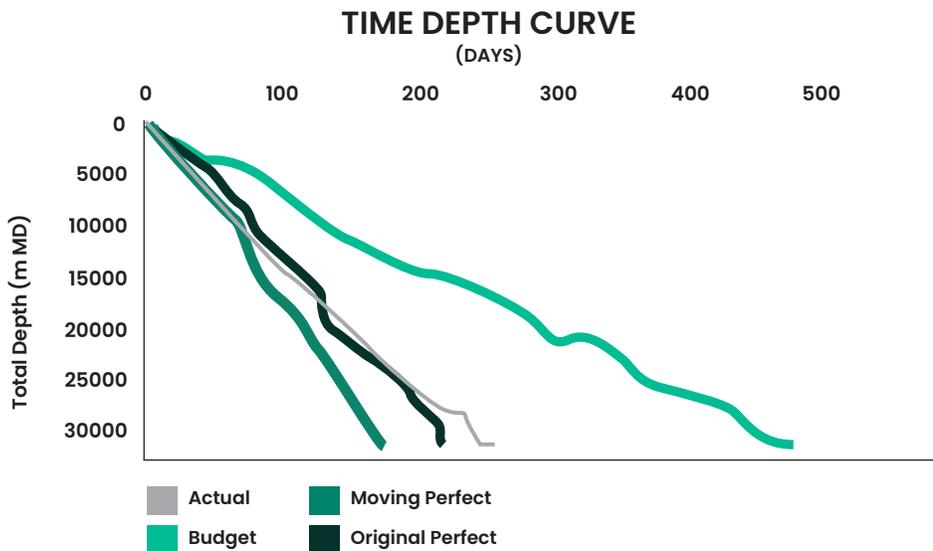
As of January 2020, the Baker Hughes team has drilled and completed 21 wells in only 20 months (28.7 days per well). In fact, the team delivered the initial campaign eight months ahead of plan with zero recordable HSE incidents to date.

Challenges

- Drive efficiencies, lower costs on challenging North Sea project
- Lower POB
- Minimize HSE risks

Results

- Supported multiple services remotely
- Constructed 21 wells in 20 months
- Averaged 28.7 wells per day
- Recorded zero HSE incidents to date
- Delivered initial campaign eight months ahead of plan
- Continuously improved on "perfect" days vs. depth curve
- Reduced POB by 50% over similar projects



Baker Hughes Remote Operations Services facilitated collaboration that helped the team quickly identify and adopt best practices to improve efficiencies and redefine what was believed to represent the "perfect well."