

Beating the Benchmark in Deepwater Drilling Cost and Performance

Enrique Barrios¹

¹Shell

ABSTRACT

Drilling deep water wells is often a complex, challenging task and a costly endeavor. Aiming to become most competitive, Shell is working relentlessly to improve performance. Benchmarking shows us where we stand and drives aspiring target setting and indicates the space for improvement. State-of-the-art technology is a key enabler of top drilling performance. With this, Shell developed WELLVANTAGE, a set of innovative drilling technologies for use on- and offshore that combine real-time data, remote operations and drilling automation. These modular systems are designed to help Shell and its partners to improve safety, increase operational efficiency and control the costs associated with drilling. In addition, Shell supports the decision-makers on the ground with real-time advice from the experts assembled at Performance Optimization Centers around the globe. This suite of technologies enables well manufacturing concepts that are being deployed in Shell Operated assets and that are consistently beating the benchmark in cost and duration.