



Weatherford®

REAL RESULTS

TorkWrench™ 10-100 Horizontal Mobile Bucking Unit Cuts Make-Up Time in Half, Saves More Than US \$7 Million in Rig Time

Objectives

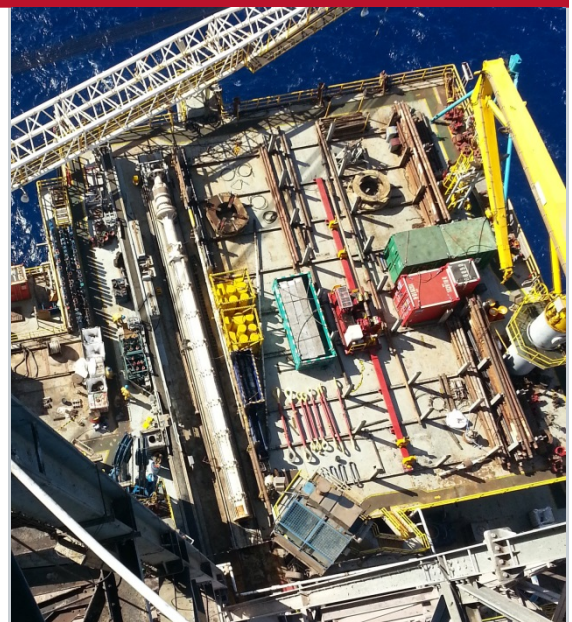
- Improve assembly make up while overcoming the limitations associated with the Top Drive System and single rotary in a remote offshore location.
- Decrease critical-path time by performing offline operations.
- Enhance operational safety by reducing personnel risk exposure.

Results

- Weatherford provided the TorkWrench 10-100 Horizontal Mobile Bucking Unit (HMBU), which is capable of handling all bottomhole assembly, drill pipe, and third-party assemblies offline.
- Offline operations allowed controlled and preplanned delivery of BHAs and drilling tubulars directly to the rig floor.
- Use of the TorkWrench unit minimized manual handling at the well site. Pre-thread cleaning, application of thread compounds, and pre-make up of BHAs and drill pipe were performed offline.

Value to Client

- Use of the TorkWrench™ 10-100 HMBU reduced the critical-path handling time by half, which represents a cost savings of US \$7 million.
- Delivery of made-up drill pipe and BHAs to the well site enhanced safety by significantly reducing manual handling and run time on the rig floor.



Use of the HMBU streamlined drilling operations by enabling offline make up, improving productivity, and reducing critical-path time.

Client

Shell Development Australia

Location

Offshore Australia

Rig Name

Noble Clyde Boudreaux

Rig Type

Semisubmersible

Products/Services

Tubular running services

TorkWrench™ 10-100 Horizontal Mobile Bucking Unit

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