

## WWT FlexShoes Save Several Hours per Well on 9-5/8" Casing Run and Drill-Out

Operator tests WWT FlexShoe with ReamGuide to help run casing in an area with history of difficult casing runs.

### Well Basics:

- Directional well with 9-5/8" casing set in tangent at 40 to 55deg inclination.
- Max dog-leg severity of 8.5°/30m in the build section.
- Target casing setting depth for all wells in this series were 300-600m, with one well at 1300m. FlexShoe runs had target depths of 450-500m.
- Soft formations, fast casing runs.

### WWT FlexShoe in Action

Two WWT FlexShoes were run as an evaluation on a series of seven wells that were batch-drilled in nearly identical conditions.

The runs with the WWT FlexShoe were chosen because these runs were perceived to be the most challenging, with shallow builds, highest planned dog-leg severity, and highest inclination.

The FlexShoe runs went smoothly, with no noticeable drag and no rotation, reaming, or washing required to reach target depth.

The two runs with WWT FlexShoes were also the fastest casing runs, with an average time savings of nearly 5 hours per well for running casing and drilling out the shoe track.

Drill out through the FlexShoes and ReamGuides went smoothly, and were on average a bit faster than the other shoe tracks using normal reamer shoes due to the easy-drill design of the FlexShoe and ReamGuide.



Location: Asia

Well Type: Offshore, Directional Well

Objective: Help 9-5/8in casing run to bottom quickly and efficiently.

Solution: WWT FlexShoe w/ReamGuide

Results: Smooth casing run to bottom.



Two 9-5/8" FlexShoes with ReamGuide, ready to go.

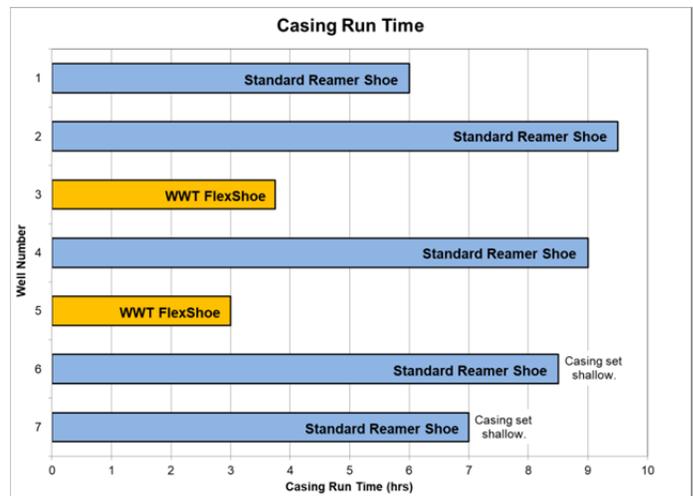


Chart comparing casing run times with and without the WWT FlexShoe.