



# Weatherford®

## REAL RESULTS

### Stabberless® System Enhances Safety, Dramatically Improving Casing Running and Surface Drilling Times

#### Objectives

- Enhance drilling speed and efficiency while improving overall safety.

#### Results

- Use of the *Stabberless* system's StabMaster® pipe alignment device saved time by reliably returning the system to the well center for repeatable efficiency and accuracy.
- Because it is remotely controlled from the rig floor, the system allowed the stabber and other field personnel to be removed from the derrick. This eliminated the single most hazardous conventional casing-running task and reduced the risk of rig floor and stabbing board accidents.

#### Value to Client

- The client experienced an improvement in overall casing running times of approximately 30% and nearly 52% during surface drilling operations.
- "We would like to commend Weatherford on the performance of the *Stabberless* system on our recent batch drilling program," wrote Zhou Ming Xin, drilling manager for the operator. "Used in conjunction with the integrated safety interlock system, it has enhanced the safety and efficiency of our drill floor operations. We decreased our casing running job time by approximately 30% with 13 3/8-in. casing and by nearly 52% during surface drilling operations."



Weatherford's *Stabberless* system centers the pipe during stab-in, automatically repeating joint positioning for consistent, reliable alignment, decreasing cycle time, and improving efficiency. Its integrated safety interlock system allows remote operation of the spider and elevator and interlocks both devices, preventing the possibility of a dropped casing string.

Because it is remotely controlled from the rig floor, the *Stabberless* system is especially suited for safety-driven operations. It can be operated in rough seas, in high winds, and on riserless operations where conventional casing running methods would be hazardous or impossible. The *Stabberless* system's remote-control function also helps eliminate the communication breakdowns and tired crews that commonly occur when using a manual stabber.

#### Client

PetroChina Dagang Shallow Water Exploration and Development Company

#### Location

Bohai Bay, China

#### Well Configuration

13-3/8 × 9-5/8 in. (X7)

#### Setting Depth

Approximately 1,050 ft (320 m) total for 13 wells with casing drilling operations at the first stage

#### Tubular Sizes

- 9 5/8-in., 47-lb/ft LTC
- 13 3/8-in., 68-lb/ft BTC

#### Products/Services

- Tubular running services
- *Stabberless* system