

Tubular Running Services Makes Up 1,905 Compliant Connections on 10 Wells with Zero HSE Incidents



The Weatherford 14-50 high-torque casing tong is lightweight and easy to operate, which saves time and enhances personnel safety.

Objectives

- Case 10 deepwater wells to total depth while minimizing nonproductive time (NPT) and exposure to health, safety, and environmental (HSE) risks.
- From onshore facilities in Singapore and Thailand, manage the casing operation occurring offshore Myanmar.

Our Approach

- The casing plan that Weatherford developed for all 10 wells included 30-in. conductor casing followed by 20 x 13 3/8-in. surface casing and 9 5/8-in. intermediate casing.
- The Weatherford Tubular Running Services team ran in a total of 32 tubular strings using hydraulic casing and tubing tongs, AutoSeal™ II fill-up and circulation tools, Vario™ compact spiders and elevators, and hydraulic power units.
- The JAMPro™ system recorded joint-analyzed makeup (JAM) data throughout the operation. The client reviewed JAM data with the team each morning and confirmed connection integrity.
- When equipment required service or maintenance, Weatherford arranged for transportation between the rig and client-approved facilities located in Singapore and Thailand.
- The team completed the job on schedule with zero HSE incidents and no NPT attributed to Weatherford.

LOCATION

Offshore Myanmar

WELL TYPE

Conventional, shallow gas

NUMBER OF WELLS

10

CASING TYPE AND SIZE

- 30-in. conductor
- 20 x 13 3/8-in. surface casing
- 9 5/8-in. intermediate casing

AVERAGE CONNECTION RATE

- Conductor: 6 joints/hour
- Surface casing: 14 joints/hr
- Intermediate casing: 12 joints/hr
- Tubing: 15 joints/hr

PRODUCTS/SERVICES

- Tubular Running Services
- JAMPro system
- 16-25 hydraulic casing tong
- 7.6-30 hydraulic casing tong
- 14-50 high-torque casing tong
- 5.5-15 hydraulic tubing tong
- Electric hydraulic power unit
- Hydraulic power unit
- AutoSeal II fill-up and circulation tools
- Vario compact spider and elevator



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Value to Client

- A consistent, three-man crew of Weatherford personnel ran all 32 tubular strings. The crew's familiarity with all equipment and processes throughout the operation enhanced safety and efficiency, and helped to complete the project without NPT or HSE incidents.
- The JAMPro system enabled the client to review JAM data daily and confirm the integrity of all connections. This process ensured that the operation was completed with OEM-compliant connections and increased client confidence in the overall integrity of the well.
- Through careful management of boat schedules, maintenance plans, and other logistical concerns, the team ensured that equipment was always available and enabled the operation to remain on schedule.

