

Less Exposure. Faster Execution. Lower Cost.

Streamlined Casing Operations Cut Rig-Up Time, Reduces POB, Saves Over USD 2 Million

Objectives

- Accelerate casing operations by reducing run-in-hole, rig-up/rig-down time, and nonproductive time (NPT) exposure.
- Simplify the rig floor by improving casing access at the well center while minimizing equipment and operational complexity.
- Optimize manpower by reducing personnel and manual handling requirements without compromising performance.
- Eliminate high-exposure activities by removing crane-assisted casing pick-up and tallying from the rig floor.
- Drive cost efficiency through a streamlined, safer, and more productive casing execution model.

Our Approach

- Deployed the Enforce™ automated connection makeup evaluation system for casing strings and the 7.6-30 Vero® conventional system for liners and completions to streamline casing handling operations.
- Collaborated with the drilling team to redesign the fox hole liner and optimize the casing pickup methodology.
- Integrated the revised casing-handling process into rig-floor operations to enable more controlled, efficient access at the well center.

Value to Customer

- Shortened TRS rig-up time by up to 31%, accelerating wellsite readiness.
- Improved tubular running performance by up to 128%, significantly increasing operational productivity.
- Reduced personnel onboard from a typical six-person crew to four, optimizing manpower without compromising performance.
- Eliminated crane-assisted casing pick-up, reducing rig-floor exposure and manual handling risks.
- Delivered estimated total savings of USD 2.06 million through reduced rig-up/rig-down time and improved operational performance.
- Established a safer, faster, and repeatable casing-handling methodology, scalable across future wells.

LOCATION

Bass Strait, Australia

WELL TYPE

Development, producer

FORMATION

Sandstone

CASING SIZE

- 13-3/8 in - Tenaris Blue Dopeless
- 9-5/8 in - Tenaris Wedge 563 Dopeless
- 7 in - Tenaris Blue Dopeless
- 4-1/2 in - Tenaris Blue Dopeless

REDUCED RIG-UP TIME

- 13-3/8 in: from 2.44 to 1.93 h (20.9%)
- 9-5/8 in: from 2.63 to 1.81 hr (31.2%)
- 7 in: from 1.56 to 1.47 hr (5.80%)
- 4-1/2 in: from 1.56 to 1.28 hr (17.95%)

IMPROVED RUNNING PERFORMANCE

- 13-3/8 in: from 4.79 to 6.33 joints per hour (32.15%)
- 9-5/8 in: from 5.24 to 11.92 joints per hour (127.50%)
- 7 in: from 5.07 to 8.96 joints per hour (76.70%)
- 4-1/2 in: from 5.07 to 8.39 joints per hour (65.48%)

PRODUCTS/SERVICES

- Enforce system
- Vero conventional system
- Tubular handling services

