

# IntegraLine™ Premium Liner System Enables Liner Running to Depth With Zero NPT in Deepwater Well



The IntegraLine system features the SwageSet high-performance liner-top packer (shown above), which provides a gas-tight seal that eliminates fluid and gas leakage.

## Objectives

- Run and install a reliable liner-hanger system to enable running liner to the planned depth and accurate cement placement in a deepwater exploratory well.

## Our Approach

- The Weatherford team provided a premium liner system in the client's first deepwater well in Malaysia. The system included the IntegraLine polished-bore receptacle (PBR), SwageSet packer with V0-qualified gas-tight seal, and the IntegraLine R rotational and mechanical liner hanger.
- The liner was run to the desired depth and hung in the 9 5/8-in. casing.
- The IntegraLine R mechanical hanger was set at 7,447 ft (2,270 m) with the shoe at 8,661 ft (2,640 m) in the 8 1/2-in. open hole.
- The running tool was released, and the liner was cemented using dual subsurface-release small-bore cement plugs.
- The remote-control top-drive cementing head (RC-TDH) controlled fluids and selectively released the drillpipe darts from the cement-plug system.
- The SwageSet liner-top packer was set, and the running tools were retrieved with no incidents.
- The job was completed in one trip without nonproductive time (NPT).
- After drilling out the shoe, the operator continued exploration in the 6-in. hole.

## Value to Client

- The premium liner system from Weatherford enabled the client to install the 7-in. liner and secure the 8 1/2-in. casing point in a single trip with no incidents.

## LOCATION

Malaysia

## WELL TYPE

Offshore, exploratory

## HOLE SIZE

8-1/2 in.

## LINER HANGER SYSTEM SIZE

7-in., 29-lb/ft P-100 HC x  
9.625-in., 53.5-lb/ft Q-125

## DEPTH

8,671 ft (2,643 m) MD

## PRODUCTS/SERVICES

- IntegraLine high-performance PBR
- SwageSet high-performance liner-top packer
- IntegraLine R high-performance rotational, mechanical liner hanger
- Mechanical ball seats
- Remote-control top-drive cementing head

