

# DRILLING PROJECT MANAGEMENT CASE STUDY

TAP Oil - SC 41

Sandakan Basin, Philippines

## AWT DISCIPLINES

**Drilling Engineering**  
**Logistics Planning**  
**Project Management**  
**Wellsite Supervision**  
**HSE Management**

## PROJECT BACKGROUND

Lumba Lumba-1 was a vertical exploration well drilled in the Sulu Sea, Philippines, approximately 135 km off the north eastern coast of Borneo.

The target was adjacent to a gas chimney in 1100m of water in an under-explored basin. Drilling targets existed from 1000 – 2300 m below the mud line with mild overpressure. AWT provided a drilling project team that was regionally experienced, including rig and shore-based personnel.

Location:  
Sulu Sea 1000 km S/SW of Manila



## AWT WORKSCOPE

AWT was contracted to provide Drilling Project Management Services for the design, planning and operational phases of Tap Oil's Deepwater 1+1 well programme, offshore Philippines.

Tap Oil had a number of challenges including;

- A tight rig market that required taking a mid-water moored semisubmersible into 1100m water depth and the associated modifications and support equipment required;
- Timing, and cost constraints of rig, equipment and personnel
- Frontier drilling location with minimal offset drilling information, and that was isolated from regional support with inherent logistical difficulties.

## AWT ADDED VALUE

AWT managed these challenges through the implementation of an innovative campaign plan including:

- Multiple well designs to cover 5 potential drilling locations;
- Concurrent equipment selection and procurement and well design;
- Focus on drilling optimization through procedures, personnel and equipment;
- Innovative logistical solutions

The AWT successfully completed the project under budget.

- No LTI's or reportable environmental incidents;
- Campaign delivered under AFE budget