

BRUNEI

BSP-SHELL - CHAMPION WATERFLOOD

SURF

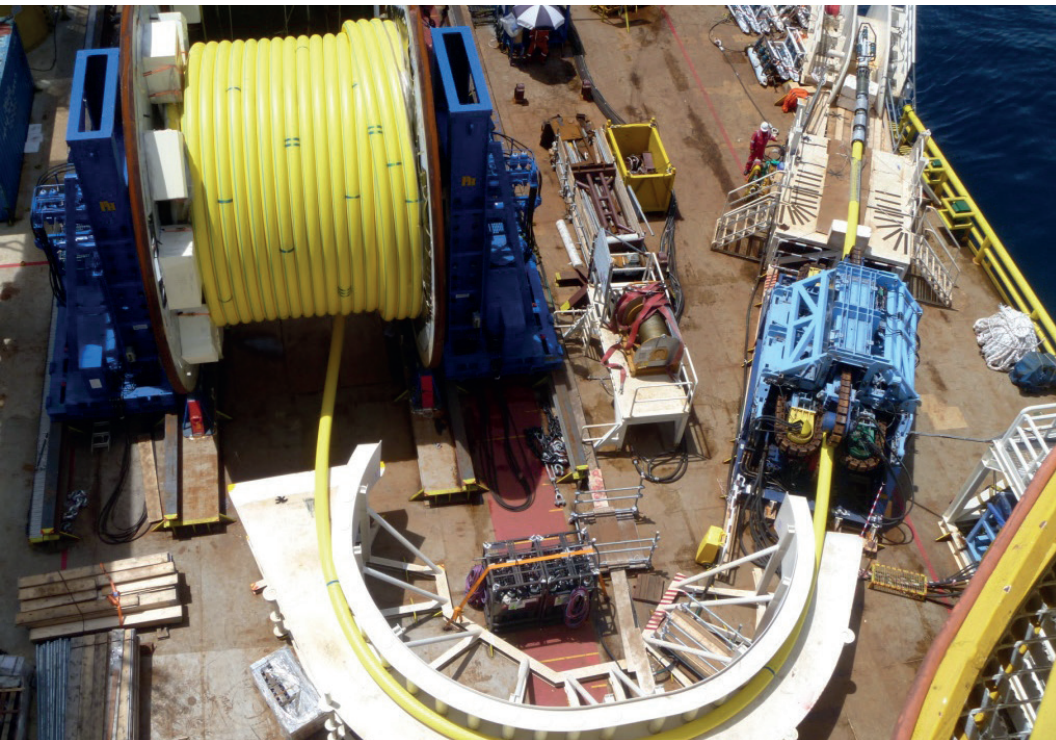
CHAMPIONING THE ENVIRONMENT

The Champion Oil & Gas field is located 40km north-west of Bandar Seri Begawan, in wd of 30m in the South China Sea. It is owned and operated by Brunei Shell Petroleum (BSP), a company equally owned by the Government of Brunei and Shell. In this project, aimed at increasing oil recovery, a flexible pipes solution was chosen to protect sensitive coral life in the area, as they could be installed by the Telford 25 around the coral reefs. The 16" flowlines were the largest ever flexible pipes installed in Asia.

BSP-SHELL - CHAMPION WATERFLOOD



In 2013, Telford 25 (ex Jascon 25) successfully completed a vessel charter with Kreuz Subsea to perform SURF works at the Shell Champion Waterflood project, offshore Brunei.



For the first time in Brunei Shell Petroleum (BSP), 16" flexible pipelines were used instead of the traditional carbon steel pipelines. The subsea, umbilical, riser and flowline (SURF) installation works for the project were performed by Kreuz Subsea using Telford 25 DP3 offshore construction vessel.

On the Champion Waterflood Project environmental considerations were an important matter and this led BSP to take the decision to use flexible pipe on the project due to the presence of sensitive coral life in the area. The use of flexible pipelines minimised any damage to coral life by enabling the laying of pipelines around them. These pipelines were also the largest flexible pipelines ever installed in Asia.

The scope included:

- Installation of 17 reels of flexibles pipe ranging from 8" through to 16" – total about 20 km;

- Installation of 4 risers;
- Diving and ROV operations;
- Heavy lifts included transhipment of reels at sea;
- Pipeline completions and inspections were performed by the Telford 25 and her marine crew.

The vessel was used for transportation and installation of various flexible flowlines, umbilicals and cables for the Shell Champion Waterflood Project.

The project was successfully completed in September 2013.

"Champion is the heart of BSP's East Asset and Brunei. I'm confident that the recent success of B2B3 will indeed make a fundamental contribution to the economy of Brunei," said Andy Brown, Shell's Upstream Director during his visit to the facilities on August 23, 2017.

PROJECT OVERVIEW

CLIENT

Kreuz Subsea

PROJECT

Champion Waterflood

LOCATION

Brunei

PROJECT TYPE

SURF

CONTRACT PERIOD

May – September 2013

VESSEL

TELFORD 25

