

Weatherford®







Maxflo™ Screen with FloReg™ **Device Improves Production** by Achieving Even Flow **Distribution in Offshore Openhole Well**





Objectives

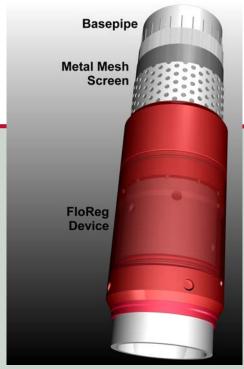
- Install high-productivity sand control and improve reservoir drainage to create an even flow distribution along a 2,297-ft (700-m) openhole horizontal section while minimizing water and gas coning in the well's heel section.
- · Deliver openhole zonal isolation as required.
- Enable the completion to be deployed to depth successfully without hanging up or losing weight as a result of axial drag.

Results

- Weatherford successfully installed a 5 1/2-in. Maxflo screen with a FloReg inflow control device (ICD) to distribute inflow in the well.
- Sections were isolated, using oil-swellable slip-on packers.
- Weatherford LoTORQ[™] roller centralizers were installed as part of the completion to reduce drag and enable the completion to be deployed to depth.

Value to Client

- The FloReg ICD helped improve reservoir drainage by reducing hot spotting compared to a conventional screen and allowing flow into the Maxflo screen to be redistributed along the length of the well.
- The rigsite adjustability of the FloReg ICD allowed final ICD setup to be carried out on the rig once openhole logs were available.
- Greater inventory control and management were achieved with inflow control.



Weatherford's FloReg ICD provides uniform inflow distribution in extendedreach horizontal wellbores and reduces water or gas coning for more efficient reservoir drainage. Combined with Weatherford screens, the device provides superior sand control.

Client Newfield

Location Malaysia

Type of Well Offshore oil producer

Total Depth 7,195 ft (2,193 m)

Hole Size and Angle 9 in., 91°

Casing 9 5/8-in., 47-lb/ft L80

Open Hole Length 2,297 ft (700 m)

Products/Services

- Maxflo screen
- FloReg ICD
- LoTORQ roller centralizers

Weatherford International Ltd. 515 Post Oak Blvd., Suite 600 Houston, Texas 77027 USA Tel: 713-693-4000 weatherford.com

Newfield Barry Goodin Senior Completion Engineer bgoodin@newfield.com

Weatherford Kevin McWilliam Sand Control Business Unit Leader Central Asia kevin.mcwilliam@ap.weatherford.com

Weatherford products and services are subject to the Company's standard terms and conditions, available on request or at weatherford com. For more information contact an authorized Weatherford representative. Unless noted otherwise, trademarks and service marks herein are the property of Weatherford. Specifications are subject to change without notice. Weatherford sells its products and services na coordance with the terms and conditions set forth in the applicable contract between Weatherford and the client.