

# Offshore Produced Water Filter

INDUSTRIAL FILTRATION | OFFSHORE WATER TREATMENT | THAILAND WATER TREATMENT

## Chevron Offshore Thailand - Benchamas

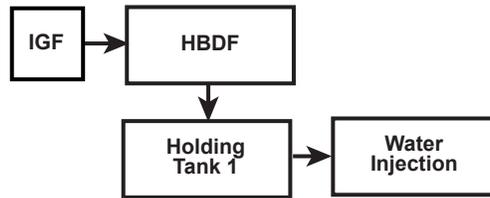
**PRODUCT USED:**

**Walnut Shell Media Filter**



<b>END USER:</b>	Chevron Offshore Thailand
<b>LOCATION:</b>	Bangkok, Thailand
<b>UNITS:</b>	(3) FDB-39P Complete with booster pumps, transfer pumps, and backwash tank
<b>RATE:</b>	1,000 gpm / 34,000 BPD / 230 m3/hr
<b>PROCESS:</b>	Floating Storage and Offloading (FSO) produced water filtration for injection

**OFFSHORE WATER TREATMENT-PROCESS FLOW DIAGRAM**



**MORE INFO**

The system provided for Chevron Offshore is a complete offshore water treatment package containing produced water booster pumps, backwash transfer pumps, and a process controlled backwash tank.

This Thailand water treatment system is compact, light, and has a low height that makes this an optimal design for offshore applications.

There are two separate skids provided in this installation. One skid contains the three-filtration units and the produced water pumps. The other skid includes the backwash tank and backwash transfer pumps.

The Deep Bed Filters are downstream of IGFs and upstream on the injection pumps.

The produced water filters influent is between 80 ppm and 200 ppm. The effluent quality is less than 10 ppm oil and TSS. The clean water is then sent to the injection pumps for injection into the wells. The units are sized as three (3) 50% units.

**Talk to our filtration experts and discover how you can get the cleanest clearest produced water possible, call us today, 248-427-9090.**