

Multiphase Boosting (Wellcom™) System

Europe – Onshore

Issue

- Reducing back pressure on the LP oil wells to increase production using existing HP multiphase wells

Solution

- Using high pressure oil well as the motive source for the Wellcom multiphase system the backpressure on the low pressures oil wells was reduced

Benefits

- A massive backpressure reduction on the well of up to 6 bar was achieved
- Simple to operate with no rotating parts
- Net extra oil gain of 350 bbl/d with additional 1.5 MMscfd of gas was achieved
- The total production was delivered at the export pipeline pressure of 55 barg

