

Pressure Boosting

UKCS - Offshore

Issue

- Near-by low pressure wells could not be tied-in due to the capacity limitation of the existing compression facilities.

Solution

- Used SJP to draw in low pressure satellite wells (15km subsea tie-back)
- HP gas mmscfd at 1000 psig

Benefits

- Recovered extra 68 mmscfd of gas from LP wells (increase of 25%)
- Stabilised and de-liquified LP wells
- Tolerant to liquid slugs
- Increased intake capacity of compressor

