

OIL AND GAS FIELDS IN NORWAY

INDUSTRIAL HERITAGE PLAN



NORSK OLJEMUSEUM

VESLEFRIKK AND HULDRA

Veslefrikk

This oil field lies in 185 metres of water 30 kilometres north of Oseberg. Located 16 kilometres to the north-west in 125 metres of water, the Huldra gas and condensate field is remotely operated from Veslefrikk.

Reservoir and recovery strategy

The main reservoir is Jurassic sandstone. Production utilises pressure support from water alternating gas (WAG) injection.

Transport

Veslefrikk oil and Huldra condensate are piped through the Oseberg Transport System (OTS) to Sture near Bergen. The gas is injected, but can also be carried through Statpipe via Kårstø to Emden.

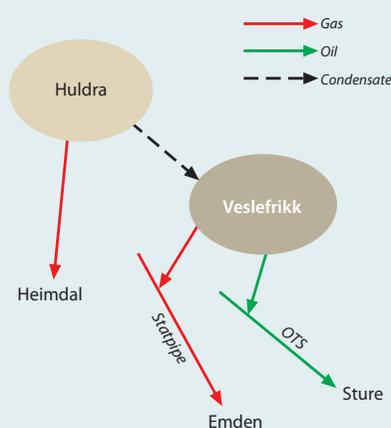
Development solution

Veslefrikk A is a fixed steel wellhead platform. Normally unstaffed, it is linked by a bridge and flexible transmission cables to the B platform.

Veslefrikk B is a semi-submersible unit with processing equipment and quarters. Originally



Smedvig's West Vision drilling rig, it was converted to its current role in 1987. This platform was taken in the summer of 1999 to Aker Stord to have its steel support structure reinforced and for necessary modifications to receive Huldra condensate from the autumn of 2001. Veslefrikk B was the first permanent floating production installation on the NCS.





The Veslefrikk B (left) and A platforms. Photo: Kjetil Alsvik/Statoil

Veslefrikk

Blocks	30/3 and 30/6	On stream	26 Dec 1989
Production licences	052 and 153	Operator	Statoil
Awarded	1979	Operations organisation	Bergen
Total recoverable reserves	350.4 mill bbl oil 3.8 bn scm gas 1.3 mill tonnes NGL	Main supply bases	Sotra and Florø
Remaining at 31 Dec 2008	39.6 mill bbl oil 1.6 bn scm gas 0.1 mill tonnes NGL	Licensees	
Discovery year	1981	Petoro	37.0%
Approved for development	2 Jun 1987	Statoil	18.0%
		RWE Dea Norge	13.5%
		Talisman Resources Norge	27.0%
		Wintershall Norge	4.5%