

OIL AND GAS FIELDS IN NORWAY

INDUSTRIAL HERITAGE PLAN



NORSK OLJEMUSEUM

VISUND

The Visund oil field lies in the northern North Sea, south-east of Snorre and 140 kilometres west of Florø. Statoil is the operator.

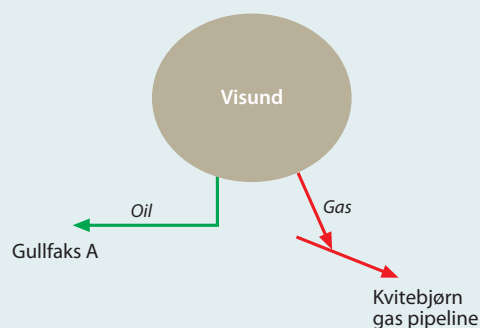
Reservoir and recovery strategy

Visund contains oil and gas in several tilted fault blocks with varying pressure and fluid systems. Located at depths of 2 900-3 000 metres, these reservoirs comprises sandstones from the middle and early Jurassic and the early Triassic.

The field produced only oil until 2005, based on gas and water alternating gas (WAG) injection. Gas exports began in the autumn of 2005.

Transport

Oil goes by pipeline to Gullfaks A for storage and shipment with Gullfaks crude. Gas is exported via a tie-in to the Kvitebjørn gas pipeline to Kollsnes for NGL separation and onward transport to the market.





Visund. Photo: Øyvind Hagen/Statoil

Development solution

Visund A

The field has been developed with a steel-hulled semi-submersible carrying an integrated production, drilling and quarters topside. Installed in 335 metres of water, this platform produces from 21 subsea-completed wells located directly beneath it.

Visund North

Visund's northern section was developed with sub-sea installations located about 10 kilometres north of Visund A. The Visund North template was shut in during 2006 after a gas leak on the platform.

Visund South

Visund South was discovered in 2008-2009 south-west of Visund and north-east of Gullfaks. With its reservoir located 2900 metres beneath the seabed, it is to be developed with a subsea template in 290 metres of water and a pipeline tied back to Gullfaks C. The plan for development and operation (PDO) was submitted to the Ministry of Petroleum and Energy in January 2011. Production is due to start in late 2012.

Visund

Block	34/8
Production licence	120
Awarded	1985
Total recoverable reserves	183 mill bbl oil 47.2 bn scm gas 6 mill tonnes NGL
Remaining at 31 Dec 2008	69.2 mill bbl oil 43.5 bn scm gas 5.7 mill tonnes NGL
Discovery year	1986
Approved for development	29 Mar 1996
On stream	21 Apr 1999
Operator	Statoil
Operations organisation	Bergen
Main supply base	Florø
Licensees	
Statoil	53.2%
Petoro	30.0%
ConocoPhillips	9.1%
Total E&P Norge	7.7%