

VIGDIS TEMPLATE STABILIZATION PROJECT

Operator : Saga Petroleum A/S

Client : Industrikonsult A/S

Location : Block 34/7, NCS

Water Depth : 293 msw

The Vigdis field has been developed by means of 3 subsea production units consisting of 12 wells altogether (4 injectors) which are linked to Snorre. A new module has been installed on the Snorre platform to process the well-stream from the Vigdis field.

The 34/7-B production template had been observed to have tilted slightly out of level due to the soft clay seabed. Previous action to arrest the inclination had only achieved temporary success. Industrikonsult A/S, Stavanger, were contracted by the operator Saga Petroleum to permanently secure the 34/7-B template by seabed stabilization beneath the template structure.

SEAFLEX INVOLVEMENT

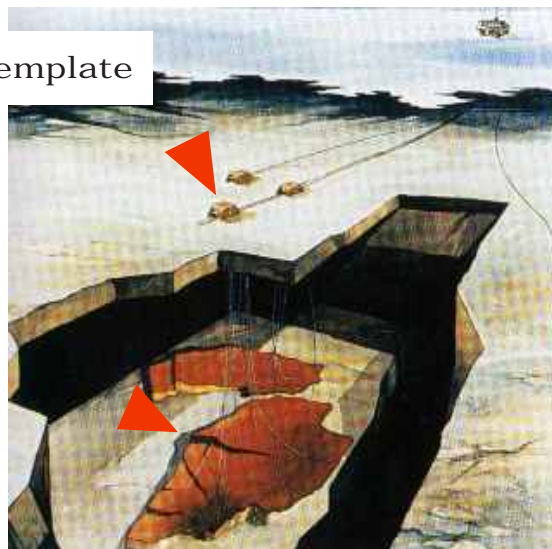
Seaflex Ltd. supplied five (5) 10,000kg open bottom Series 063 air lift bags direct from the large hire stock held in Cowes. The air lift bags were employed to support a corner of the template whilst sea-bed stabilization operations were undertaken. ROV's carried out dredging, mudmat and grouting operations whilst the air lift bags were supporting the template.

A complex rigging arrangement allowing 50 tonnes of lift to be attached to a single lifting point was engineered for ROV intervention at a depth of 293 msw.

Deployment of buoyancy, ROV, dredging, mudmat and grouting operations were conducted by Industrikonsult from DP vessel 'MSV Rescue Saga'.



34/7-B Production Template



SEAFLEX EQUIPMENT

Hire of Conventional Series 063 air lift bags:
5 off 10,000kg open bottom units

Designed and constructed in full compliance with IMCA D016 and HSE regulations. Each unit is fitted with a bottom operated dump valve, quarter turn inflation/deflation valve, and strop detangler