

[Home](#) | [Environment](#) | [Index](#)

Consents given under the Petroleum Act 1998 and Reviews under the Assessment of Environmental Effects Regulations 1999

DNO Heather Limited

The Broom Development

DNO Heather Limited submitted an Environmental Statement to cover the proposed Broom field; a tie back to the existing Heather field and straddles blocks 2/05 and 2/04 in the Northern North Sea. The field lies 92 kilometres east of Shetland and 50 kilometres from the UK/Norwegian Median line.

The development is situated 7 kilometres to the west of the DNO Heather Alpha platform and the Broom field will be developed by a subsea tie-back to the Heather Alpha. Three existing appraisal wells will be completed as production wells and brought on stream in 2004. Two water injection wells will also be drilled.

A number of development options were reviewed in the ES, including the use of jack-ups or semi subs with process facilities and fixed platforms with export pipelines. The final preferred development is to develop the field as a subsea tie-back. All five wells will be drilled using a semi-submersible rig.

Two options were considered for the 7 kilometre pipeline design options. The selected option is to lay a 39" pipeline bundle system containing production, water injection, gas lift, scale squeeze and all cables/controls tubing and laid on to the seabed.

All wells will be drilled using a combination of Water Based Mud (WBM) and Oil Based Mud (OBM). The WBM will be discharged and OBM shipped and skipped to shore.

Key environmental statement sensitivities identified by the EIA and presented within the Environmental Statement were:

Produced water

Noise

Physical presence and disturbance

Waste to shore
Oil spills

These risks have been assessed in detail. Mitigation measures and prevention procedures have been put in place to minimise any potential impacts.

Conclusion:

An environmental statement was submitted to cover the proposed field development, which considered the potential environmental impacts of the development. Following consultation with the statutory consultees and the provision of additional information for clarification, it is considered that this project is unlikely to have a significant impact on the receiving environment, including any habitats and species protected under relevant conservation legislation.

Recommendation:

Based on the information presented in the ES and further information received (if applicable) it was advised that project consent be given on 19th August 2003.

Webmaster: [Danny Stocker](#)
[Top of page](#)