

**Greater Kittiwake Area, Development of Goosander and Grouse Fields
21/12 & 21/19
ES Web Comments**

ES Title: Greater Kittiwake Area, Development of Goosander and Grouse Fields
Operator: Venture Production (North Sea) Limited
ES Report No: D/2644/2005
ES Date: June 2005
Block Nos: 21/12 (Goosander) & 21/19 (Grouse)
Development Type: Further phased development of the Greater Kittiwake Area by:-
a. Re-entering Goosander well & installing pipeline back to Kittiwake platform
b. Drill appraisal wells at Grouse
c. Drill Water Injection wells (WI) into Goosander & Grouse.

Synopsis:

The Goosander and Grouse, Fields are both situated in the Greater Kittiwake Area (GKA) in blocks 21/12 & 21/19 respectively; within a 16Km radius of the Kittiwake Platform, (Goosander is 12Km NW of Kittiwake, whilst Grouse is 6.5Km East of Kittiwake) which is itself approximately 160Km east of Aberdeen. The water depths in the GKA range from 80 to 86m.

The proposed development is planned in two phases:-

Phase 1 – Re-entry of the Goosander well and installation of 7.4 Km & 4.8Km 30” bundle to Kittiwake Platform

Drill an appraisal well at Grouse.

Phase 2 –Drill a WI well at Goosander (or complete existing suspended well as a WI) & tie into the pipeline bundle. Subject to satisfactory appraisal:- drill a WI well at Grouse & complete the development well and tie back to Kittiwake via a new 6” pipeline.

It is proposed to drill the wells using water based mud (WBM) for the top hole sections and oil based mud (OBM) for the lower sections, with full containment of the OBM, followed by either offshore treatment and discharge or skipped and shipped to shore.

The flowline from Goosander to Kittiwake will be a 30” surface laid bundle, whilst the flowline from Grouse will be a 6” flexible pipe which are to be jetted into the seabed.

Oil from the GKA will be exported from Kittiwake by shuttle tanker and it is anticipated that there will be sufficient gas produced from the Greater Kittiwake Development to fuel the Kittiwake platform engines & enable gas to be exported via the existing Fulmar pipeline.

Work has been delayed until Q2 2006 with first oil anticipated in the 2nd half of 2006. The maximum production of the fields is expected to be 3,544 m³ oil per day & 3.8mmscf/d of gas at Goosander and 940 m³ oil per day from Grouse.

Only minor modifications are required to the Kittiwake Platform as additional

production will fill existing capacity due to declining production from Kittiwake. There are unlikely to be any IPPC implications.

Further information was requested in relation to the likelihood of spanning of the 30" bundle, produced water re-injection, the continued use of the single skinned Kitty Knutsen vessel as a storage facility and production profiles.

Following the provision of additional information, we are satisfied that the ES addresses the impacts of the proposed development and overall no significant environmental impacts have been identified. We are therefore satisfied that this project is not likely to have a significant impact on the receiving environment and in particular is unlikely to have a significant effect on any sites protected under the Habitats Regulations

Consultees: The statutory consultees for the ES were the JNCC and FRS.

JNCC: JNCC requested further information in relation to produced water management. Following the provision of additional information they are content for the project to proceed.

FRS:- FRS had no objections to consent being granted for the proposal but asked for confirmation regarding the potential for spanning on the 30" line in the megripple area and requested the assessment of likely impacts should inhibited seawater be discharged during the re-commissioning of the PWRI system.

Public Consultation - No comments were received as a result of public consultation.

Recommendation: Based on the information presented in the environmental statement it is recommended the well consent should be granted.