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Date: 6th May 2021
BEIS ES reference Number: D/4260/2021

Dear Sir/Madam

THE OFFSHORE OIL AND GAS EXPLORATION, PRODUCTION, UNLOADING AND STORAGE (ENVIRONMENTAL IMPACT ASSESSMENT) REGULATIONS 2020 – Regulation 11

Summary of the project: Petroleum Production Licences P672, P111, P98: Jackdaw Field Development

I refer to the above-mentioned licence(s) and the potential Jackdaw Field Development project mentioned above.

An application for consent has been submitted to the Oil and Gas Authority (OGA) for the above project on 12/03/2021. The summary of the project is accompanied by a copy of the Environmental Statement (ES) for the Jackdaw Field Development.

The primary nature of this project will be for the Development of the Jackdaw ultra-high pressure / high temperature (uHPHT) gas condensate field and a summary of the project is provided below.

Location

- The project is located in Blocks 30/02a, 30/03a DEEP, and 30/02d of the Central North Sea.
- The water depth at the proposed location is approximately 78 m;
- The field is located approximately 250 km east of Aberdeen, Scotland, and adjacent to the UK/Norway median line.

Proposed activities

BG International Limited, an affiliate of Shell U.K. Limited (referred to throughout this report as "Shell" on behalf of itself and its co-venturer ONE-Dyas E&P Limited) proposes to develop new Jackdaw uHPHT gas condensate field using a not permanently attended wellhead platform (WHP). Four wells will be drilled at the Jackdaw WHP. Produced fluids will be exported *via* a subsea pipeline to the Shearwater platform where these will be processed before onward export via the Fulmar Gas Line and the Forties Pipeline System.

The proposed development may be summarised as follows:

- Installation of a new WHP;



- Drilling of four production wells;
- Installation of a new approximately 31 km pipeline from the Jackdaw WHP to the Shearwater platform;
- Processing and export of the Jackdaw hydrocarbons via the Shearwater host platform.

Shearwater is a fixed manned installation located approximately 225 km east of Aberdeen, and approximately 30 km north west of the Jackdaw field. It comprises the Shearwater A wellhead platform connected by an 80 m bridge to the Shearwater C integrated PUC platform. The field is a high pressure / high temperature (HPHT) field. Production at Shearwater began in 2000. The platform was originally designed for production from HPHT platform wells drilled over Shearwater A with an operating pressure of 80 – 90 barg. Shearwater is also producing normal pressure and normal temperature (NPNT) gas condensate from Fram and Starling subsea field developments in addition to native production. In addition to Jackdaw, future tie-backs to Shearwater will include Arran and Columbus (a third party tie-back), both expected to be operational prior to Jackdaw.

Timeline

The planned schedule of activities is as follows:

- Jackdaw drilling campaign Q3 2022 to Q4 2023;
- Installation of platform jacket Q3 2022;
- Installation of topsides and export pipeline Q3 2022 to Q1 2024;
- Anticipated first hydrocarbons Q3/Q4 2024.

Yours faithfully,

A handwritten signature in black ink, appearing to read 'L Maan-Beck'.

Lorraine Maan-Beck
Jackdaw Business Opportunity Manager
Shell U.K. Limited