NEO Energy Affleck Re-development Project Description

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

Project Summary – Regulation 11(2)

NEO Energy

Affleck Re-development

Environmental Statement dated 10th June 2022

D/4272/2021

21st July 2022

Proposed Location of the Project

NEO plans to reconnect to the existing Affleck wells, namely A1 and A2 via the pre-existing Affleck Manifold. The Affleck field was discovered in 1975 and is located in the UK sector of the North Sea within block 30/19a, approximately 287 kilometres east-southeast of Aberdeen, and approximately 5 km from the UK/Norway median line, in a water depth of approximately 70 metres.

Proposed Activities

In early 2022, NEO acquired 100% ownership of the Affleck field, and are proposing to re-develop the field via two existing production wells (A1 and A2). The wells were previously operated via the Janice platform which was decommissioned in 2016. The Affleck wells remained shut-in since 2016 and the re-development will entail a subsea tie-back to the Harbour Energy operated Judy platform via the Talbot field (proposed by Harbour Energy). Tie in to existing riser, flowlines, umbilical and tie-in structures will be required as part of this re-development. On the Judy platform, produced fluids from Affleck and the proposed Talbot development will be commingled with production from other nearby fields that are already operating, and separated into gas and liquids streams for export.

Judy is a manned platform with accommodation, production, processing and gas injection equipment. Judy is in block 30/7a of the UK central North Sea approximately 240 km south east of Aberdeen. The Joanne, Jade and Jasmine fields, all operated by Harbour Energy, are tied-back to the Judy platform. After being processed on Judy, gas is transported through the CATS Pipeline and liquids are transported through the Norpipe system to Teesside.

Proposed Timeline for Activities

The following provides and indicative schedule of works for the Affleck Re-development:

	2023				2024			
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
Integrity tests								
Subsea inspection and testing								
Tie-in								
First oil								