

Our Ref: 01.01.01.01-5880U
UKOP Doc Ref:1317009



Offshore Petroleum Regulator
for Environment & Decommissioning

BP EXPLORATION OPERATING COMPANY LIMITED
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Registered No.: 00305943

Date: 19th December 2023

Department for Energy Security &
Net Zero

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Crimon Place
Aberdeen
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OPRED@energysecurity.gov.uk

Dear Sir / Madam

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

**CLAIR-RIDGE [Part of CLAIR], Clair Ridge Platform, DRILLING PRODUCER
WELL 206/08a- S4U3P4-P5 planned well**

A screening direction for the project detailed in your application, reference DR/2433/0 (Version 2), dated 11th December 2023 has been issued under regulation 6 of the above Regulations. The screening direction notice, and any relevant conditions and comments are attached. A copy of this screening direction will be forwarded to the application consultees, the Oil and Gas Authority and published on the gov.uk website.

If you have any queries in relation to this screening direction or the attachments, please do not hesitate to contact [REDACTED] on [REDACTED] or email the Environmental Management Team at OPRED@energysecurity.gov.uk.

Yours faithfully



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

**SCREENING DIRECTION CONFIRMING THAT AN ENVIRONMENTAL IMPACT
ASSESSMENT IS NOT REQUIRED**

**CLAIR-RIDGE [Part of CLAIR], Clair Ridge Platform, DRILLING PRODUCER
WELL 206/08a- S4U3P4-P5 planned well**

DR/2433/0 (Version 2)

Whereas BP EXPLORATION OPERATING COMPANY LIMITED has made an application dated 11th December 2023, under The Offshore Oil and Gas Exploration, Production, Unloading and Storage (Environmental Impact Assessment) Regulations 2020, and whereas the Secretary of State has considered the application and is satisfied that the project is not likely to have a significant effect on the environment; in exercise of the powers available under regulation 6, the Secretary of State hereby directs that the application for consent in respect of the project need not be accompanied by an Environmental Impact Assessment, provided that the project is carried out as described in the application for the screening direction and in accordance with the conditions specified in the attached schedule.

In giving a screening direction under regulation 6 of the above Regulations, the Secretary of State accordingly gives agreement to the Oil and Gas Authority to the grant of consent for the project as detailed in the application, WONS/15810/0/IDA/1 and WONS/15810/0/C/1.

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SCHEDULE OF SCREENING DIRECTION CONDITIONS

The grant of this screening direction is conditional upon the screening direction holder complying with the following conditions.

1 Screening direction validity

The screening direction shall be valid from 29 December 2023 until 14 June 2024.

2 Commencement and completion of the project

The holder of the screening direction must notify the Department for Energy Security & Net Zero (hereinafter called the 'Department') of commencement and completion of the project within two days:

- a) of commencement of the project and
- b) of completion of the project.

Notification should be sent by email to the Environmental Management Team Mailbox: OPRED@energysecurity.gov.uk

3 Prevention of pollution

The holder of the screening direction must ensure that appropriate measures are taken to minimise discharges, emissions and waste, in particular through the appropriate use of technology; and to ensure that necessary measures are taken to prevent incidents affecting the environment or, where they occur, to limit their consequences in relation to the environment.

4 Inspections

Should the Department consider it necessary or expedient for an inspector appointed by the Secretary of State to investigate whether the conditions of the screening direction are being complied with, the holder of the screening direction shall afford the inspector with such facilities and assistance as the inspector considers necessary to exercise the powers conferred by the regulations. The holder of the screening direction shall additionally ensure that copies (electronic or paper) of the screening direction and any other relevant documents are available for inspection by the inspector at:

- a) the premises of the holder of the screening direction; and
- b) the facilities undertaking the project covered by the screening direction.



5 Check monitoring

Should the Department consider it necessary or expedient to undertake an independent monitoring programme to assess the impact of the project covered by the screening direction, the screening direction holder shall afford the Department with such facilities and assistance as the Department considers necessary to undertake the work.

6 Atmospheric emissions returns

Following completion of the project covered by the screening direction, the holder of the screening direction shall report all relevant atmospheric emissions, such as combustion emissions, extended well test emissions or flaring and venting emissions relating to a well test, using the appropriate Environmental Emissions Monitoring System (EEMS) reporting forms. In the case of atmospheric emissions relating to drilling projects undertaken from a fixed installation, they should be included in the annual EEMS reporting forms for the fixed installation.

7 Unauthorised deposits

Following completion of the project covered by the screening direction, the holder of the screening direction shall recover any materials accidentally or temporarily deposited on the seabed, such as debris, temporary containers, structures or deposits, or scientific instruments, and shall return the materials to land. If it is not possible to recover any of these deposits, full details of the materials remaining on the seabed must be reported to the Department in accordance with the requirements of Petroleum Operations Notice No.2 (PON2).

8 Screening direction variation

In the event that the holder of the screening direction proposes changes to any of the particulars detailed in the application for a screening direction, the holder must notify the Department immediately and submit an application for a post screening direction amendment. The post screening direction must be in place prior to the amended proposals taking effect.

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COMMENTS ON THE APPLICATION FOR SCREENING DIRECTION

Section 1

The attention of screening direction holders is drawn to the following provisions regarding The Offshore Oil and Gas Exploration, Production, Unloading and Storage (Environmental Impact Assessment) Regulations 2020.

1) You are deemed to have satisfied yourself that there are no barriers, legal or otherwise, to the carrying out of the project covered by the screening direction. The issue of a screening direction does not absolve the screening direction holder from obtaining such authorisations, consents etc that may be required under any other legislation.

2) The Department would draw your attention to the following comments:

The Department has no further comments

3) All communications relating to the screening direction should be addressed to:

OPRED@energysecurity.gov.uk

or

Offshore Petroleum Regulator for Environment & Decommissioning
Department for Energy Security & Net Zero
AB1 Building
Crimon Place
Aberdeen
AB10 1BJ

Tel [REDACTED]
Fax



SCHEDULE OF SCREENING DIRECTION DECISION REASONS

The Secretary of State has decided that, based on the information provided, the project is not likely to have a significant effect on the environment. The main reasons for this decision are:

1) Decision reasons

The following provides a summary of the assessment undertaken to determine whether an Environmental Impact Assessment is required for this project, summarises the information considered, the potential impacts and sets out the main reasons for the decision made. In considering whether an Environmental Impact Assessment is required or not, the following have been taken into account:

- a) the information provided by the developer;
- b) the matters listed in Schedule 5 of The Offshore Oil and Gas Exploration, Production, Unloading and Storage (Environmental Impact Regulations 2020) (the Regulations);
- c) the results of any preliminary verifications or assessments of the effects on the environment of the project; and
- d) any conditions that the Secretary of State may attach to the agreement to the grant of consent.

Characteristics of the Project

Having regard, in particular, to the matters identified at paragraphs 1(a) to (g) of Schedule 5 to the Regulations, the characteristics of the project include the following:

Summary of the Project

Drilling of the development (production) well B22 (S4U3P4-P5) from the Clair Ridge Platform.

Drilling of 32" section with Water Based Mud (WBM) and seawater and sweeps.

Drilling of 23" section with WBM

Drilling of the 19" section with Low Toxicity Oil based Mud (OBM)

Drilling of 16" section with LTOBM



Drilling of 12.25" section using LTOBM

Drilling of 8.5" section using LTOBM

Casing cemented and lower and upper completions run

Well Clean up and hand over to production

Description of project

This project covers the drilling of development (production) well B22 (S4U3P4-P5) from the Clair Ridge Platform. The well will be drilled with a combination of WBM and LTOBM. The 32" and 23" sections will be drilled with WBM and with the cuttings discharged at the seabed for the 32" and the 23" section from the platform. Cuttings generated in the LTOBM sections will be reinjected into the CRI well. If this is unavailable for any reason then LTOBM and cuttings will be skipped and shipped to shore. Once the well sections have been drilled, casings will be run, and cement will be used to provide integrity of the well. On completion of the drilling operations, wellbore clean-up operations will be undertaken and the well handed over to production. The total anticipated time for all operations is 143 days.

No cumulative impacts are expected to occur between this project and other existing projects due to the distance between them.

It is not considered to be likely that the project will be affected by natural disasters. The risk of a major accident such as a well blowout has been assessed. The Developer has control measures in place to reduce the risk of a major accident occurring and the probability of such an event occurring is very low. Other than the matters considered further below, there is not likely to be any significant impact of the project on population and human health.

Location of the Project

Having regard, in particular, to the matters identified at paragraphs 2(a) to (c) of Schedule 5 to the Regulations, the environmental sensitivity of geographical areas likely to be affected by the project has been considered as follows.

The Clair Ridge platform is located approximately 55 kilometres (km) west of Shetland and 94 km south east of the United Kingdom-Faroes median line in block 206/8.

The project is in an area characterised by sand, slightly gravelly sand and gravelly muddy sand with a water depth of 143 metres (m). The wave height within the area ranges from 2.71 - 3.00 m and the annual mean wave power is between 42.10 - 48.00 kW/m. Surveys indicated that areas were predominately classified as sublittoral coarse sediment. Additional habitats were identified to a lesser extent, including sublittoral sand and sublittoral mixed sediment. The benthic fauna in the vicinity of



the Clair Ridge platform is typical of the wider area. Surveys conducted around the area observed a diverse range of species.

Sediments within the survey area were identified as comprising the broad scale Priority Marine Feature (PMF) habitat 'offshore subtidal sands and gravels', however, this habitat is widely distributed and unlikely to be of conservation significance for the wider survey area. This is the preferred habitat for ocean quahog *Arctica islandica*, however no adult *A. islandica* were observed across both survey areas and siphons were not visible at the sediment surface in any of the seabed photographs. Due to the areas of relatively high reflectivity observed throughout both survey areas, there was potential for the Annex I habitat 'stony reef' to occur. However after assessment these areas did not meet the minimum extents and therefore were not considered to constitute an Annex I stony reef habitat. Other protected features such as, but not limited to, PMF Ocean quahog *Arctica islandica*, OSPAR Threatened and/or Declining Species of 'Seapen and Burrowing Megafauna' and deep sea sponge aggregations were not identified from either the geophysical or photographic data.

The closest protected site to the project is the Faroe-Shetland Sponge Belt Nature Conservation Marine Protected Area (NCMPA) located approximately 18 km to the northwest and the Seas off Foula Special Protected Area (SPA) located approximately 34 km to the southeast.

The project is in the National Marine Plan Area for Scotland. The proposed operations will coincide with fish spawning and/or nursery activity for a number of species. Numerous cetacean species are present in the area in low numbers with the during the operational period including pilot whales and Risso dolphins. Low numbers of Grey and harbour seals are anticipated to be in the area at any time. Seabird sensitivity during the operational period ranges from low to high. Fishing effort in the area is low.

There is only one oil and gas installation within 40km of the project. The Shefa 2 telecommunication cable which is owned and operated by Faroese telecom runs within < 1 km of the project site however this will not be impacted by operations.

The area is located within a Ministry of Defence practice area but any restrictions are only applicable to the siting of an installation. Shipping density in the area is low. There are no protected wrecks located in the vicinity. No aggregate dredging and disposal sites, sites of marine archaeological interest, aquaculture sites or planned offshore renewable energy developments have been identified within 40km of the Clair Ridge Platform.

Given the location of the project, it is not likely that the areas identified at paragraphs 2(c)(i), (iii), (iv), (vi), (vii) and (viii) of Schedule 5 to the Regulations will be affected by the project.

Type and characteristics of the potential impact

In accordance with paragraph 3 of Schedule 5 to the Regulations, the likely



significant effects of the project on the environment have been considered. Potential effects on the environment from the activities associated with the project were assessed, including impacts arising from atmospheric emissions, seabed disturbance, physical presence, planned discharges, accidental events and transboundary impacts.

Other than the matters considered further below, there is not likely to be any significant impact of the project on population and human health. There is a 500 m radius safety zone around the Clair Ridge Platform, excluding unauthorised access of vessels and prohibiting access to fishing vessels. There are therefore not expected to be any impacts to other sea users.

Operations are conducted from the Clair Ridge Platform and will use existing power generation. It is expected the emissions will be rapidly dispersed and are not likely to have a significant impact.

There will be seabed disturbance from the discharge of water-based mud drill cuttings. This could result in the smothering and mortality of benthic fauna which will result in some short term temporary impacts however the benthic communities are expected to regenerate the area impacted by drill cuttings over time. A cement patio may be formed when cementing the conductor back to the seabed. This is not expected to be larger than 5 m². The impacts from seabed disturbance have been assessed as not likely to have significant effect.

Discharge of offshore chemicals associated with the drilling of the well, cementing and completion operations have been assessed as not likely to have a significant effect on the environment. Offshore chemicals associated with LTOBM will be reinjected downhole or skipped and shipped.

Transboundary effects from the project are expected to be negligible. The nearest boundary line (UK/Faroes Median Line) is located approximately 94 km of the operations.

Although not a planned activity, a worst-case major accident scenario resulting from a potential well blow-out was modelled and assessed. The probability of a large oil spill from the proposed operations is low. Therefore, it is considered that the control measures in place to prevent loss of well control minimise the risk of an oil spill that could have a significant impact and the proposed operations carried out as planned are not likely to have a significant effect on the environment.

The drilling operations do not contradict any of the Scottish marine plan objectives and policies. No cumulative impacts are expected to occur.

2) Decision

Taking the above considerations into account, the Secretary of State has concluded that the project is not likely to have a significant impact on the environment and that an environmental impact assessment is not required.



2) Mitigation of significant effects

The following are features of the project or measures envisaged that the developer has proposed to avoid or prevent what might otherwise have been significant adverse effects on the environment:

Not applicable.