

Our Ref: 01.08.06.15/387C
UKOP Doc Ref:1372257



Offshore Petroleum Regulator
for Environment & Decommissioning

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Date: 29th November 2024

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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
BERYL FIELD PRODUCTION INCREASE**

A screening direction for the project detailed in your application, reference PR/2536/0 (Version 1), dated 27th November 2024 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

Signature valid

Digitally signed by Department for Energy Security
and Net Zero
Date: 2024.11.29 14:26:40 GMT
Reason: On behalf of the Secretary of State
Location: Offshore Petroleum Regulator for
Environment and Decommissioning



**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**

BERYL FIELD PRODUCTION INCREASE

PR/2536/0 (Version 1)

Whereas APACHE BERYL I LIMITED has made an application dated 27th November 2024, 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, PCON/8128/0 (Version 3)

Effective Date: 29th November 2024

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

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

This screening direction shall be valid from 1 January 2025.

2 Change to production level(s)

The holder of the screening direction shall ensure that the change in the level(s) of production do not exceed the amended level(s) detailed in the application for the screening direction, and in the application for consent relating to the approval for the getting of petroleum issued under the relevant production licence Model Clause.

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, using the appropriate Environmental Emissions Monitoring System (EEMS) reporting forms.

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:

There are no comments at this time.

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





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

Increase in gas production from the Beryl field as a consequence of undertaking well intervention activities in 2025 the re-perforation of reservoir sections of a number of wells in the field.

Description of the project

This project consists of an increase in gas production of less than 500,000 cubic meters per day at the Beryl field as a consequence of well intervention to re-perforate the reservoir section on a number of platform wells.

The production increase will result from the Beryl field as a whole, with some gas produced through the Beryl Alpha platform and some via the Beryl Bravo platform as a result of well intervention activities. The overall production increase applies to the field as a whole with the associated impacts being assessed at both the Beryl Alpha (PR/2537) and Beryl Bravo platforms (PR/2536). The total change for Beryl field (Beryl Alpha and Beryl Bravo) Gas production is an increase of 66,799m³/day for 2025 to a total of 861099m³/day.



No cumulative impacts are expected to occur with any other existing or approved projects currently as the increase has been assessed for Beryl Alpha (PR/2357) and Beryl Bravo (PR/2536) platforms.

There is no change to the assessment of a major accident. 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.

It is not considered to be likely that the project will be affected by natural disasters.

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 project is located at the Beryl Field in the Northern North Sea, which is in block 9/13, the wells are produced via the Beryl Alpha and Beryl Bravo platforms. The Beryl Bravo platform is 155 kilometres (km) from the coast, and 22 km from the UK / Norway median line, in water depth of 126 metres (m). The residual current speed in the area is 0.25 m/s. The wave height within the Beryl area ranges from 2.41-2.70m and the annual mean wave power is between 30.1-36.0kW/m.

The project is in an area characterised as 'Offshore circalittoral sand. Site specific surveys identified sand to muddy sand throughout the area, though an area of coarse sediment (gravelly sand to sandy gravel) occurs to the south-west of the Beryl area. No significant seabed features were identified. Hydrocarbon and heavy metal contamination was not evident, with levels generally considered to be within or below background concentration when compared to published data from the region.

The benthic faunal community was dominated by Polychaeta, specifically *Paramphinome jeffreysii* which was identified as the most abundant taxa across the survey area (Gardline, 2014). Abundance across the remaining four taxonomic groups was relatively low. Juvenile individuals of the bivalve mollusc *Arctica islandica* (ocean quahog) were recorded, in addition to presence of one adult specimen. *Arctica islandica* is listed on the OSPAR (2008) list of threatened and/or declining species and habitats, and is commonly found within this area of the North Sea. There was no evidence of any other species or habitats of conservation significance under the Offshore Petroleum Activities (Conservation of Habitats) Regulations 2001 (as amended) within the surveyed area. With the exception of Ocean quahog, there is no evidence of threatened or declining species listed under OSPAR or benthic Priority Marine Features (PMF) within the surveyed area.

There are no protected sites with 40km of the Beryl Field

The project falls within Scotland's National Marine Plan (NMP).



The proposed operations occur within an area off fish spawning and/or nursery activity for several species. Of the species identified as using the area as a spawning ground or nursery area, those that are particularly sensitive to anthropogenic disturbance from oil and gas related activities include cod, Nephrops and sandeel.

Numerous cetacean species are present in the area in high to low densities during the operational period. The presence of grey and harbour seals in the area is likely to be between 0-1 individuals per 25 km². Seabird sensitivity around the Beryl Bravo platform is low with 1 adjacent block showing Medium sensitivity in May. Demersal fishing accounted for the highest landings and value in 2021, followed by pelagic. Overall, fishing effort in the area is high, particularly for demersal species. ICES rectangle 48F1 represented 0.52% of total UK fishing effort.

The project is in an area of low shipping density. Beryl is located in a mature hydrocarbon production area with several other installations present. The project is not located within or near any military practice and exercise areas (PEXA), nor are there any Ministry of Defence (MoD) related block restraints on Block 9/13. There are no aggregate extraction areas within the vicinity. The closest telecommunications cable is 10km away. Beryl Bravo platform is located within an offshore Wind Innovation and Targeted Oil and Gas (INTOG) area. There are no licenced wind farms or lease areas within 40 km of Beryl Bravo. There are no aquaculture sites or Shellfish Water Protected Areas within the immediate vicinity of the Beryl Bravo area.

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 and were assessed, including impacts arising from atmospheric emissions, seabed disturbance, physical presence, planned discharges and accidental spills. Other than the matters considered further below, there is not likely to be any significant impact of the project or on population and human health.

The proposed increase in gas production from the Beryl field is the result of proposed well intervention activities on existing platform wells which is intended to increase gas production from said wells. The increases are within the design capacity of the existing Beryl Bravo facilities. There will be only minor changes to the operating mode, emissions or discharges from the platform. Flaring and venting operations will remain unchanged as result of the increase in production and therefore no significant change in the atmospheric emissions or environmental impacts are expected.

No increase in produced water discharge volumes and discharged oil is expected and there are no requirements for an increase in chemicals due to the increase in production.



The probability of an accidental event leading to a release from the platform or a loss of the inventory will not increase as a result of the revised production.

There are no expected transboundary impacts as a result of the project and no cumulative impacts have been identified given the other known existing and approved projects in the wider area.

The requested increase in production is not expected to result in an increase in the total quantity of gas to be extracted over the lifetime of the Beryl field.

It is considered that the increase in production from the Beryl field is not likely to have a significant impact on other offshore activities or other users of the sea, the seabed, marine life or cetacean species and no cumulative impacts are expected to occur. The development is in line with the policies of the Scottish Marine Plan.

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