



# **STP BLOCK 3**

## SÃO TOMÉ AND PRÍNCIPE EEZ

## **FARM IN OPPORTUNITY**



Simco is pleased to offer, on behalf of Oranto Petroleum Ltd, this substantial and highly prospective block located in the Exclusive Economic Zone (EEZ) of São Tomé and Príncipe for farm-out to one or more companies.

#### Introduction

Oranto has a 100% working interest in Block 3 of the EEZ, situated adjacent to the waters of Equatorial Guinea. The block covers an area of 4,228 km2 in water depths of between 2,250m and 2,500m. A proprietary 3D seismic program of ~3400 k m2 has been acquired over all of the block with two separate surveys that have been processed together. An extension to the first phase licence period has been negotiated such that a drill-or-drop

decision is not required until 2026. Oranto are looking for a partner (or partners) to take a significant equity position with operatorship and move the licence into the second period with the drilling of one exploration well.

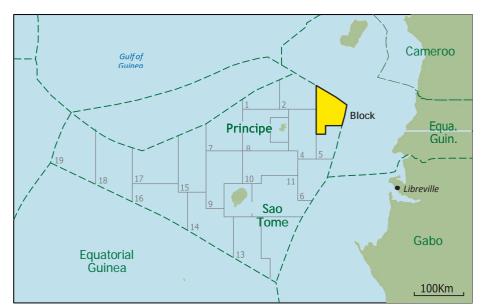


Figure 1 Location Map

## **Regional Geology**

Block 3 is located in the distal part of the Rio Muni Basin, north of the Kribi fracture zone and adjacent to the territorial waters of Equatorial Guinea, which have proved prolific for hydrocarbons. Regionally the basin contains a Lower Cretaceous oceanic terrain overlain by Cretaceous and Tertiary

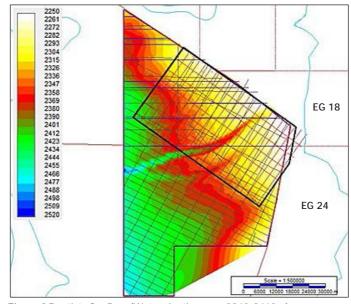


Figure 2 Depth to Seafloor (Water depth range 2240-2460m)





drift sequences. Proven source rocks are Albian-Cenomanian oil mature marine black shales with TOCS of c.2%. Oil seeps on the island of Sao Tome have been tied to this source rock, as have oils encountered in the Jaca-1 well drilled in Block 6 in 2022. Reservoirs and seals are by turbidite sandstones interbedded with marine shales, providing numerous reservoir- seal pairs throughout the sequence.

## **Licence Details**

Oranto has 100% working interest in this block. The Effective Date for the licence is January 2012. The first exploration phase was for four years in which the major work program commitment was acquiring a 3D seismic survey; this was completed in 2014 with the acquisition of ~1,500km2 of proprietary 3D. A 1 year extension to the first phase was granted in 2015, and a second extension of 1 year granted in January 2016. In 2017 a second 3D survey of ~1,900km2 was acquired that provided coverage of the whole block. Further extensions were agreed so that the first licence phase now expires in 2026. Oronto has confidence that further extensions to this licence phase will be forthcoming when a new partner is introduced.

## **Seismic Interpretation**

Extensive 3D seismic interpretation over Block 3 has unlocked an understanding of its deepwater petroleum systems. The work has identified major fan complexes within the Upper Cretaceous Campanian interval and older stratigraphy. There are pronounced amplitude responses in a Northem fan which trends east into EG Block 18, which is being actively explored by Meren Energy (formerly Africa Oil), and in a southern fan which trends into EG Block 24 which is being actively explored by Kosmos Energy. Using seismic attribute techniques (F-N\*F volumes, amplitude extractions, and timeslice mapping), interpreters have delineated broad fan geometries, bright amplitude anomalies, and low-relief closures that are consistent with high-quality turbidite reservoir development.

Multiple intra-Campanian and deeper fan anomalies have been mapped, with individual complexes extending over 67—150 km2. Stratigraphic terminations against structural highs, combined with strong amplitude responses, further indicate robust trapping geometries and reservoir potential. The seismic also reveals a network of deep-seated fractures, interpreted as vertical migration conduits from probable Turonian and older source rocks. These features provide direct links between source, migration, and trap, aligning with the petroleum system model which has been confirmed by the Jaca-1 well.





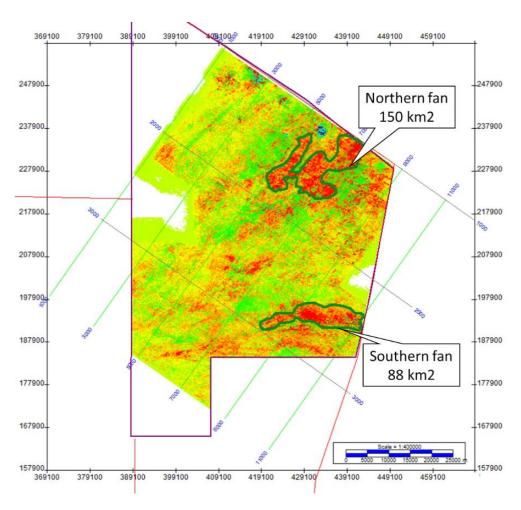


Figure 3 Northern and Southern Campanian fans extracted from Frs-Nrs\*Frs volume

# Campanian Northern Fan- Arbitrary line

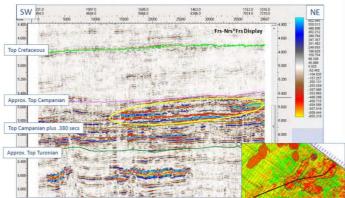
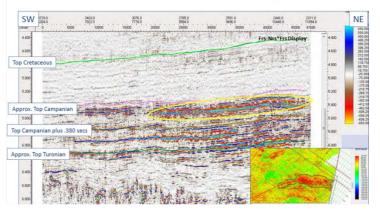


Figure 4 Arbitrary lines through the Campanian fans

## Campanian Southern Fan- Arbitrary line







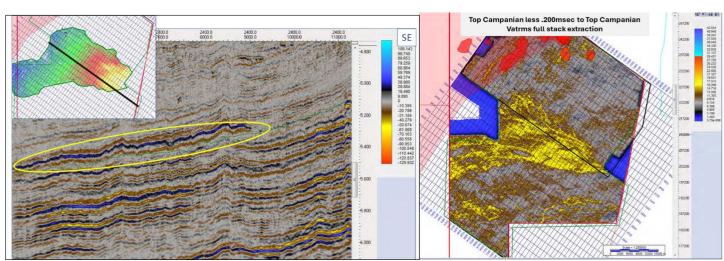


Figure 5 Seismic Inline through Upper Campanian Central fan

## **Regional Activity**

Block 3 lies directly adjacent to Equatorial Guinea Block EG-18, operated by Meren Inc. This cross-border position highlights the continuity of the prolific Rio Muni Basin petroleum system, which has delivered multiple discoveries in Equatorial Guinea. Ongoing exploration activity in EG-18 reinforces the technical and commercial attractiveness of Block 3, as both areas share similar stratigraphic and structural settings, including stacked Campanian fans and Turonian source intervals. The presence of an active operator immediately next door strengthens the de-risking case for Block 3 and underscores its potential as a natural extension of proven hydrocarbon trends.

In addition, the Jaca-1 exploration well drilled by Galp and Shell in São Tomé Block 6 (2022) confirmed a working petroleum system in deep water on oceanic crust. Although not commercial at its main Turonian target, Jaca-1 encountered over 500 m of high-quality Upper Cretaceous reservoir sands, thin hydrocarbon-bearing zones with light oil shows, and geochemical ties to São Tomé surface seeps. This result is strategically significant: it demonstrates active hydrocarbon generation and migration in the basin, proving source, reservoir, and charge — key elements that directly enhance the exploration potential of Block 3.

### **Prospectivity**

This interpretation confirms Block 3 as a highly prospective deepwater exploration opportunity. The Upper Cretaceous stacked Campanian fans, combined with Turonian and older targets, offer a multiplay portfolio with large volumetric potential. Direct hydrocarbon indicators, extensive fan development, and clear migration pathways create an attractive setting for significant discoveries. The block benefits from proven regional petroleum system elements and remains underexplored, offering incoming companies the opportunity to secure a strategic position in an emerging hydrocarbon province. With further delineation of deeper fans still to come, the exploration upside is considerable, making Block 3 a rare and compelling frontier opportunity.





## **Proposed Deal**

Oranto is offering a substantial equity stake and operatorship to one or more parties in exchange for a full carry through the future E&A program and payment of back costs. It should be noted that a well is to be drilled in Sao Tome by Petrobras starting summer 2025.

#### **Procedure**

Simco is based in London and is Oranto's designated farm-out agent for this project. Interested parties are invited to contact the London office using the details below. On completion of a Confidentiality Agreement Simco will provide a copy of the seismic data and interpretation in Kingdom or Petrel format for up to three months for an agreed fee. A kick off overview presentation can also be provided online. Interested companies may also book to visit Simco's office for physical dataroom on a Kingdom workstation for an agreed fee.

### For further information please contact:

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