

GUYANA. GEORGETOWN

SCOPE OF WORK

The term of the contract shall be as follows:

Type: Assessment	Scope of application: GUYANA. Georgetown.	Code:
Owner: DSC		Revision:

1. Objective

To provide a Image Logs Processing and Interpretation Services to the REPSOL Project in GUYANA.

2. Background

REPSOL intends to operate in the following manner:

- Majority of personnel accommodated in a hotel in Georgetown (GT).
- Some staff accommodated in other areas (TBD).
- Alternative offices
- A permanent office in GT.
- A port logistics base outside of GT (Shorebase).
- Offshore operations.

Personnel will move between the international airport(s), their accommodation, the office and the logistics base¹

3. Scope of Work

Context

Drilling operations will start in the well Beebei-1 on May 15, 2022 and it is located in the Kanuku Block in offshore Guyana. Services provided under this contract would cover operations for both 2022. The estimated operation time for the well is 60 days.

The water depth is 71m and the TD of the well will be 4539m MDRT / 4390m TVDSS. The geological targets are Oligocene, Upper Campanian and Lower Campanian. The Beebei-1 exploratory well will target two main objectives and one secondary objective. The main objectives include one in the Tertiary (Oligocene) and one in the Upper Cretaceous (Upper Campanian). The Tertiary prospect is defined as a stratigraphic updip pinch out trapping well-confined channel complex sandstones. The Upper Campanian prospect is defined as a stratigraphic updip pinch out trapping moderately confined channel complex sandstones. The secondary objective is targeting Upper Cretaceous (Lower Campanian) stratigraphic updip poorly confined channel complex sandstones.

Six wells have been previously drilled in the Kanuku block (Carapa-1, Jaguar-1, Berbice -2, Abary-1 and Mahaica-1 and 2).

Image Logs Processing and Interpretation Services

As part of the formation evaluation services for the Beebei-1 well, in case of success a resistivity borehole imaging tool will be run over up to three reservoir intervals in two different hole sections, 14 1/2" and 10 5/8". A total reservoir section of up to 500 m may be requested to be interpreted. The request is to have a QC, processing, and geological interpretation of the resistivity image log. In case of success, it is planned to acquire SWC, this data could be integrated in the study to calibrate those mages.

¹ The exact locations will be confirmed on Contract award.

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Also, a hot-shot fast track analysis may be requested. The Image Logs Interpretation services to be provided by the Contractor may include but not be limited to the following:

- 24/7 Availability while drilling to provide hot-shot rapid turnaround.
- Wireline Logging Image logs digital data QC.
- Image Logs manual dip picking of geological features in the intervals confirmed by Repsol.
- Image Logs structural interpretation in the intervals confirmed by Repsol.
- Generate reports and plots as per Repsol request.
- Generate final report and plots.
- Attend to meetings/teleconferences as per Repsol request.