

FAQ

Total E&P Guyane Française is drilling a final exploration well in the central area of the Guyane Maritime license, which was awarded in 2001 and extended in 2017. The license covers more than 24,000 square kilometers beyond the French Guiana continental shelf, much of it in the deep offshore. The exploration well site is located around 150 kilometers off the nearest part of the coast and 170 kilometers from Cayenne.

1. Why drill another exploration well when the previous attempts were unsuccessful?

Total E&P Guyane Française's objective on the Guyane Maritime license is to drill a final exploration well in the central area to definitively determine whether to continue on to development and operation. This well comes after five others drilled between 2010 and 2013.

2. When is drilling scheduled?

Drilling of the exploration well will begin in late 2018 and take around four months.

3. What will you do if the results are positive?

If we make a discovery with this exploration well, we could submit a concession application and drill up to four appraisal wells between 2020 and 2022. This would allow us to scale a development phase and then operation. It usually takes six to seven years from discovery to first oil.

4. What are you doing, practically speaking, to ensure that French Guiana and its people benefit from this project?

Exploration drilling takes place well out to sea and over a short period of time, so the local economic impact is limited. That said, we have taken steps to maximize the social and economic benefits for the area by purposely working with local providers when possible (local content). For example, we have:

- Gradually settled our teams, including operational staff, in Cayenne.
- Set up the operations support base at the seaport of Dégrad des Cannes.
- Sourced office space, housing, IT services and other goods and services needed for our operations in the local market.
- Turned to the local market for supplies for our ships.

In addition, we are working with the Overseas Region of French Guiana and other partners to develop a program to support businesses, employment and innovation in key areas such as fishing, access to energy, renewable energies and training. The development agreement has a budget of €10 million, to be granted to local projects.

Overall, some €23 million will be spent directly in French Guiana during this short exploration phase.

5. In the event of a discovery and production, will French Guiana benefit from the revenue?

Under French law, royalties will be divided equally between the region and the French state.

6. Could you describe the process that led up to the permit for this exploration well?

We submitted a request on April 2, 2018. After a review process, the permit was granted by prefectural order on October 22, 2018. In the intervening period, which lasted a little over seven months, local elected

officials and French agencies and services were consulted, the environmental authority was asked to issue an opinion and five weeks of public hearings were held in 15 municipalities.

7. Was the local population sufficiently informed about the project?

As with all of its projects, Total has been completely transparent with all of its stakeholders. That's why, before the public hearings, Total E&P Guyane Française took the initiative to organize information and discussion meetings in late 2017. The objective of this proactive approach was to present the main points of the project and get feedback and suggestions. Four public meetings were held, including one with representatives from local businesses. Detailed minutes of these meetings were made available to the local population on the project website and were also included in the request for the drilling permit.

In addition, a monitoring and consultation committee made up of some fifty local representatives (businesses, social services, etc.) is convening in December 2018 and will remain active for the entire drilling period. Four monitoring and consultation meetings led by local officials will provide French Guiana's different stakeholders with regular updates on the project.

8. What environmental impacts will drilling this exploration well have?

The potential impacts are related to the movements of the drillship and support vessels (noise, liquid and gaseous emissions, lights) and to the drilling operations themselves. These impacts were analyzed in a detailed study that was included in the public hearings file. This study identified all of the environmental stakes and ranked them according to level of impact. Specific measures are being taken for the most significant sources in order to mitigate their impacts. These measures include:

- Deployment of systems to measure noise before and during drilling.
- Implementation of visual and acoustic detection protocols for marine megafauna and mammals.
- Enhanced procedures to monitor the disposal of drill cuttings.

The possible environmental impacts are considerably reduced by the project's static nature, the absence of a seismic survey, the small geographic footprint in waters 170 kilometers from Cayenne, the limited time frame, the measures taken to oversee operations and the implementation of appropriate emergency plans.

9. Isn't there a reef in the drilling area?

Total is a responsible company, and as such, would not drill in an area with a coral reef.

Between October and December 2017, an oceanographic survey lasting more than 50 days was conducted with specialized teams and experts from the French National Museum of Natural History in Paris. Among other things, the campaign identified a discontinuous rocky plateau. This plateau is located along the edge of the continental shelf at a water depth of around 100 meters. The drilling area is located 30 kilometers away at a water depth of more than 2,000 meters. The formation identified is not a coral reef.

10. What are your contingency plans in the event of a leak?

Under normal operating conditions, the drilling will not have any impact on the coastline and its natural habitats given that the site is located beyond the continental shelf.

Two programs have been put in place to respond to the risk of an accident:

- A blowout prevention plan to monitor and manage any unplanned influxes of hydrocarbons inside the well.
- A spill response plan.

In the event of an accident, Total E&P Guyane Française and the French state would deploy local resources under the POLMAR land and sea and ORSEC emergency preparedness plans. In addition, major equipment such as capping devices and subsea dispersant injection systems would be brought in by ship or plane from specialized international centers.

11. Why did Total obtain an extension for this license when French law calls for the end of exploration?

The Guyane Maritime license is an existing exploration license awarded in 2001. An application to extend the license term was filed in March 2016 and approved on September 14, 2017. This is not in contradiction with the Hulot Act of December 30, 2017, which calls for a halt in the granting of new licenses, not existing ones like the Guyane Maritime license.

12. Why continue to explore for and produce oil?

Total is convinced that oil and gas will continue to have a role to play in the years ahead, as shown by the International Energy Agency's different scenarios. For this reason, we are conducting a selective investment strategy in our core activities like exploration and production as a key factor in sustainable performance. Our project in French Guiana is part of that strategy.

Total is also promoting low-carbon energies, notably by acquiring companies like SunPower, Lampiris, EREN Renewable Energy and Direct Energie, and by developing innovative technologies, especially in the area of carbon capture, utilization and storage (CCUS). Up to 10% of Total's research budget is devoted to CCUS.