

## Guyana

## Guyana project overview

ExxonMobil initiated oil and gas exploration activities in Guyana in 2008, collecting and evaluating substantial 3-D seismic data that led to the company safely drilling its first exploration well in 2015, Liza-1.

Article

Oct. 1, 2020

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### Discoveries in the Stabroek Block

- The Liza discovery was announced in May 2015. Liza-1 well was the first significant oil find offshore Guyana. It encountered more than 295 feet (90 meters) of high-quality oil-bearing sandstone reservoirs. It was safely drilled to 17,825 feet (5,433 meters) in 5,719 feet (1,743 meters) of water.
- The Payara discovery was announced in January 2017. Payara is ExxonMobil's second oil discovery in the Stabroek Block. The Payara- 1 well was drilled in a new reservoir, encountering more than 95 feet (29 meters) of high-quality, oil-bearing sandstone reservoirs. It was safely drilled to 18,080 feet (5,512 meters) in 6,660 feet (2,030 meters) of water.
- The Snoek discovery was announced in March 2017. Snoek is ExxonMobil's third oil discovery in the Stabroek Block. The Snoek- 1 well was drilled in a new reservoir, encountering 82 feet (25 meters) of high-quality, oil-bearing sandstone reservoirs. The well was safely drilled to 16,978 feet (5,175 meters) in 5,128 feet (1,563 meters) of water.
- The Liza Deep discovery was announced in January 2017. An appraisal well, Liza-3, identified an additional high quality, deeper reservoir directly below the Liza field, which is estimated to contain between 100-150 million oil equivalent barrels.
- The Turbot discovery was announced in October 2017. Turbot is ExxonMobil's fifth oil discovery in the Stabroek Block. The Turbot- 1 well was drilled in a new reservoir, encountering 75 feet (23 meters) of high-quality, oil-bearing sandstone reservoir. The well was safely drilled to 18,445 feet (5,622 meters) in 5,912 feet (1,802 meters) of water.
- The Ranger discovery was announced in January 2018. Ranger is ExxonMobil's sixth oil discovery in the Stabroek Block. The Ranger- 1 well was drilled in a new reservoir, encountering approximately 230 feet (70 meters) of high-quality, oil-bearing carbonate reservoir. The well was safely drilled to 21,161 feet (6,450 meters) depth in 8,973 feet (2,735 meters) of water. This discovery demonstrated our ultra deepwater and carbonate exploration capabilities and it proved a new play concept for the Stabroek Block.
- The Pacora discovery was announced in February 2018. Pacora is ExxonMobil's seventh oil discovery in the Stabroek Block. The Pacora- 1 well was drilled in a

new reservoir, encountering approximately 65 feet (20 meters) of high-quality, oil-bearing sandstone reservoir. The well was safely drilled to 18,363 feet (5,597 meters) depth in 6,781 feet (2,067 meters) of water.

- The Longtail discovery was announced in June 2018. Longtail is ExxonMobil's eighth oil discovery in the Stabroek Block. The Longtail- 1 well was drilled in a new reservoir, encountering approximately 256 feet (78 meters) of high-quality, oil-bearing sandstone reservoir. The well was safely drilled to 18,057 feet (5,504 meters) depth in 6,365 feet (1,940 meters) of water.
- The Hammerhead discovery was announced in Aug 2018. Hammerhead is ExxonMobil's ninth oil discovery in the Stabroek Block. The Hammerhead- 1 well was drilled in a new reservoir, encountering approximately 197 feet (60 meters) of high-quality, oil-bearing sandstone reservoir. The well was safely drilled to 13,862 feet (4,225 meters) depth in 3,773 feet (1,150 meters) of water.
- The Pluma discovery was announced in December 2018. Pluma is ExxonMobil's 10th oil discovery in the Stabroek Block. The Pluma- 1 well was drilled in a new reservoir, encountering approximately 121 feet (37 meters) of high-quality hydrocarbon-bearing sandstone reservoir. Pluma-1 reached a depth of 16,447 feet (5,013 meters) in 3,340 feet (1,018 meters) of water.
- The Tilapia discovery was announced in February 2019. Tilapia is ExxonMobil's 11th oil discovery in the Stabroek Block. The Tilapia- 1 well was drilled in a new reservoir, encountering approximately 305 feet (93 meters) of high-quality oil-bearing sandstone reservoir and was drilled to a depth of 18,786 feet (5,726 meters) in 5,850 feet (1,783 meters) of water.
- The Haimara discovery was announced in February 2019. Haimara is ExxonMobil's 12th oil discovery in the Stabroek Block. The Haimara- 1 well was drilled in a new reservoir, encountering approximately 207 feet (63 meters) of high-quality, gas-condensate bearing sandstone reservoir. The well was drilled to a depth of 18,289 feet (5,575 meters) in 4,590 feet (1,399 meters) of water.
- The Yellowtail discovery was announced in April 2019. Yellowtail is ExxonMobil's 13th oil discovery in the Stabroek Block. The Yellowtail- 1 well was drilled in a new reservoir, encountering approximately 292 feet (89 meters) of high-quality oil bearing sandstone reservoir and was drilled to a depth of 18,445 feet (5,622 meters) in 6,046 feet (1,843 meters) of water.
- The Tripletail discovery was announced in September 2019. Tripletail is ExxonMobil's 14th oil discovery in the Stabroek Block. The Tripletail- 1 well was drilled in a new reservoir, encountering approximately 108 feet (33 meters) of a high-quality oil bearing sandstone reservoir and was drilled in 6,572 feet (2,003 meters) of water.
- The Mako discovery was announced in December 2019. Mako is ExxonMobil's 15th oil discovery in the Stabroek Block. The Mako- 1 well was drilled in a new reservoir, encountering approximately 164 feet (50 meters) of a high-quality oil bearing sandstone reservoir and was drilled in 5,315 feet (1,620 meters) of water.
- The Uaru discovery was announced in January 2020. Uaru is ExxonMobil's 16th oil discovery in the Stabroek Block. The Uaru-1 well was drilled in a new reservoir,

encountering approximately 94 feet (29 meters) of high-quality oil-bearing sandstone reservoir and was drilled in 6,342 feet (1,933 meters) of water.

- The Yellowtail-2 well encountered 69 feet (21 meters) of net pay in a newly identified, high quality oil bearing reservoirs among the original Yellowtail-1 discovery intervals. This is ExxonMobil's 17th oil discovery in the Stabroek Block.
- The Redtail discovery was announced in September 2020. Redtail is ExxonMobil's 18th oil discovery in the Stabroek Block. The Redtail-1 well encountered approximately 232 feet (70 meters) of high-quality oil bearing sandstone and was drilled in 6,164 feet (1,878 meters) of water.
- The gross recoverable resource for the Stabroek Block is now estimated to be more than eight billion oil equivalent barrels, including Liza and other successful exploration wells on Payara, Liza deep, Snoek, Turbot, Ranger, Pacora, Longtail, Hammerhead, Pluma, Tilapia, Haimara, Yellowtail, Tripletail and Mako.



## Liza Phase 1 Project - Description

- The Liza Phase 1 development is approximately 190 kilometers offshore in water depths of 1,500– 1,900 meters.
- The project includes a floating production, storage and offloading (FPSO) vessel, Liza Destiny; designed to produce up to 120,000 barrels of oil per day, with storage capacity of up to 1.6 million barrels.
- There are four drill centers with 17 wells in total; eight oil producing wells, six water injection wells, and three gas reinjection wells.

## Liza Phase 2 Project - Description

- The development involves a second floating, production, storage and offloading vessel (FPSO), Liza Unity; designed to produce up to 220,000 barrels of oil per

day.

- The development is similar to that of Liza phase 1 but with a total of six drill centers with approximately 30 wells, including 15 oil producing wells, nine water injection wells and six gas injection wells. Liza Phase 2 startup is expected in mid-2022.

## Payara Project – Description

- The Payara development plan includes a floating production, storage and offloading (FPSO) vessel, named Prosperity; it is expected to produce 220,000 barrels per day.
- The development is similar to that of Liza phase 1 and 2, Payara will have up to 45 wells, including production wells, water injection wells and gas injection wells.
- Startup is expected in 2024.