EG-18

Open Block for Exploration

Area
1,649 Km²

3D Seismic
1 Available Area
  •  3D-1
Total Area = 1,727 Km²

2D Seismic
9 Available Lines
Total Length = 474 Km

Wells
None Available
EG-18

2D Seismic
3D Survey Info

Survey Name: Block I-13_I-14
Year: 2013
Area: 1,727 Km²
Data Type: Full Stack Migration
Recorded by: BGP Marine
Recorded Date: 2013
Processed: ION GXT
Processed Date: 2014
Processing: Migration/Angle stacks

EG-18
3D Seismic

EG18 Inline

EG18 Crossline
The Ministry of Mines and Hydrocarbons of Equatorial Guinea have included the area of Block EG-18 as an exploration block in the 2019 Licensing Round. EG-18 is in the eastern Gulf of Guinea on the West African margin, and it covers a total area of approximately 1649 km². Coordinates and shape are shown below.

**Prospectivity of the area**

Block EG-18 is located on the eastern side of the Cameroon Volcanic line, between the Bioko Island and the Santesc Seamount, within the 9000 km² area covered by the 3D seismic acquired between 2010 and 2014, in five different surveys.

The interpretation of the 3D data provided a better view of the deformation of the oceanic crust in this area, showing the synkinematic structural fabric of oceanic crust and the deformation of the sedimentary section. In EG-18, NW-SE linear fault ridges and troughs are interpreted; faults have 3 to 5 km spacing and throw westwards with displacements up to 200 meters. The Malabo Hinge zone, confirmed as a fracture zone, crosses through the southern part of the 3D study area (blocks EG-18 and EG-05).

Block EG-18 is in the distal Douala Basin, where the main source potential lies in the Upper Cretaceous and Paleogene sections. Using seismic amplitudes, different plays have been mapped and, particularly in block EG-18, Miocene channel-fan systems and Upper Cretaceous-Paleogene fan systems with structural closures were identified. Stacked turbidite systems are clear on seismic along with sand-prone overbanks and sand filled erosive channels going across. Galileo lead (Cretaceous-Paleogene) have been recognized covering an area larger than 200 km². No wells have been drilled in EG-18 to date, and 2D seismic lines are also available for further interpretation along with few regional lines that cross the block.