

Over the last decade interest has moved towards the deep offshore area where a number of early exploration wells have been successful in finding hydrocarbons, but also highlighted the need to ...

The Gabon coastal region located along the western African margin hosts several sedimentary basins that developed prior, during and after the opening of the South Atlantic Ocean.

Although the presence of evaporite layers restricts knowledge of the underlying structures essentially composed of pre-rift and syn-rift sequences, the ...

Schematic geological cross-section across the South Gabon Basin showing potential source and reservoir intervals and play types. Good Tertiary source rocks are also present along the ...

The sedimentary basin of Gabon lies on the west coast of Africa, both onshore and offshore, between lat. 1° N and 4° S, from Equatorial Guinea to the Congo Republic (Figure 1).

Detailed sedimentological investigations on numerous outcrops and drill-core sections in the 2.1-Ga-old Franceville basin, Gabon, provide evidence for a large-scale injectite network.

A potential Albian source rock (distal Madiela Formation) which has been shown to generate hydrocarbons and charge fields in the Lower Congo Basin to the south-east of the Gabon South ...

It discusses the location and tectonic setting of the Gabon Basin, describing how it formed during the breakup of Gondwana and opening of the South Atlantic Ocean approximately 150-140 million years ...

After the peneplanation of horsts and grabens alike, the sea invaded the Gabon basin for the first time. The relatively thin, transgressive, coastal-marine sequence between the unconformity and the ...

Although the presence of evaporite layers restricts knowledge of the underlying structures essentially composed of pre-rift and syn-rift sequences, the outcome of this post-rift tectonic study has...

Our modeling of salt tectonic structures indicates that they were produced by plastic rheological deformation of salt under regional stress fields that varied during three distinct phases of...

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