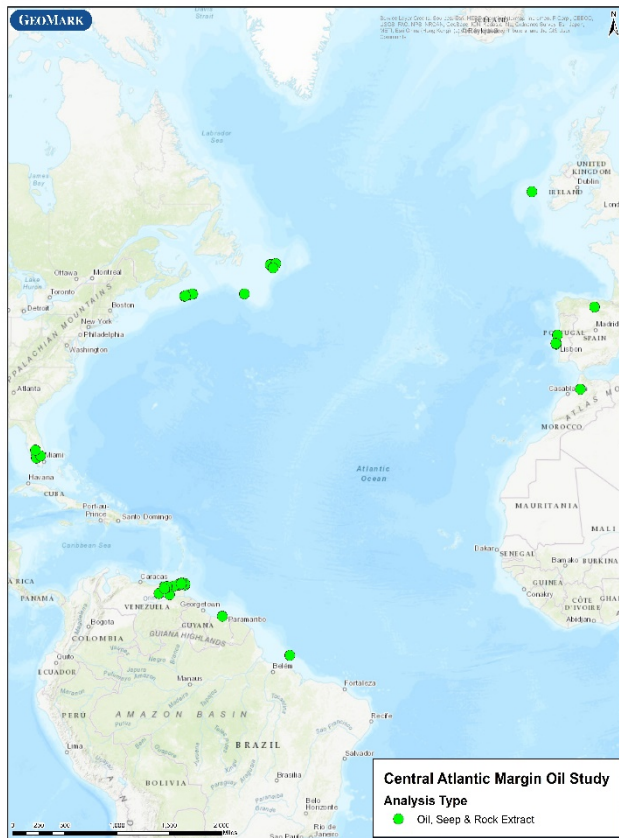


Central Atlantic Margin Oil Study

Regional Petroleum Geochemistry of Crude Oils from Central Atlantic Basins



GeoMark has completed an evaluation of all the petroleum systems active along the margins of the Central Atlantic conjugate margin. Each of these samples was analyzed using a detailed analytical program, including whole oil GC, GC/MS, and stable carbon isotope analyses. These analyses were then applied to provide a more detail understanding of the evolution of organofacies during the rifting process and the development of the many active petroleum systems along these passive margins.

This interpretive assessment is finished and ready for delivery as a PDF and ArcGIS product. Data used in this interpretation is available for a separate subscription fee. Please contact GeoMark research for more information.

Key conclusions from this study include:

- A more exact biomarker defined age control for the South Atlantic Cretaceous oils, specifically addressing the development of Albian – Cenomanian – Turonian sources.
- Provides a precise model of lacustrine, marine, and "transitional" organic facies present along the margin.
- Maps of the distribution of each oil family and associated source character.
- Refined the thermal maturity levels for the various oil families.
- Model of the degree of mixed source samples and the impact on fluid quality.

Samples: 70 Oils
65 Total Wells

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