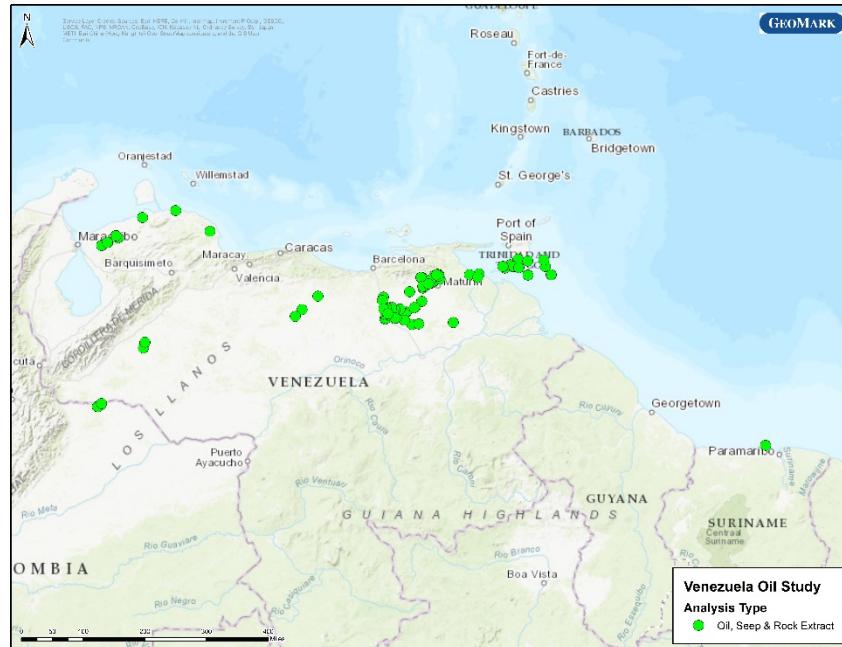


Venezuela Oil Study

Regional Petroleum Geochemistry of Crude Oils from the Maturin, Guarico, Barinas, Falcon and Maracaibo Basins



GeoMark Research has performed a regional assessment of all the Venezuela basins by geochemically analyzing a large suite of 182 crude oils. Each of the oils was characterized by a detailed analytical program which included quantitative biomarker analysis of terpanes and steranes and determination of stable carbon isotope composition of both saturate and aromatic hydrocarbon fractions. This study offers a definitive assessment of the petroleum systems of Venezuela and should be seriously considered by any company exploring in the region.

Key applications include:

- Constrain Fluid API for input into Economic Analysis
- Adjust, Add or Withdraw upside targets based on fluid property associations and known charge and migration linkage
- Impact reservoir engineering single well and multi well models by constraining fluid property inputs based on quality data and interpretation for spatial association of properties. Translates into the same or varying development recipe spatially for an operator
- Quick acreage assessment similarities or differences that drive the associated assigned value for potential ROI
- Commodity constraint to adjust price deck profitability models spatially for accurate economic portfolio modelling, sensitivities and assessment

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.

For Additional Information Contact:

Samples: 182 Oil Samples

Telephone: +1 281/856-9333
E-mail: info@geomarkresearch.com