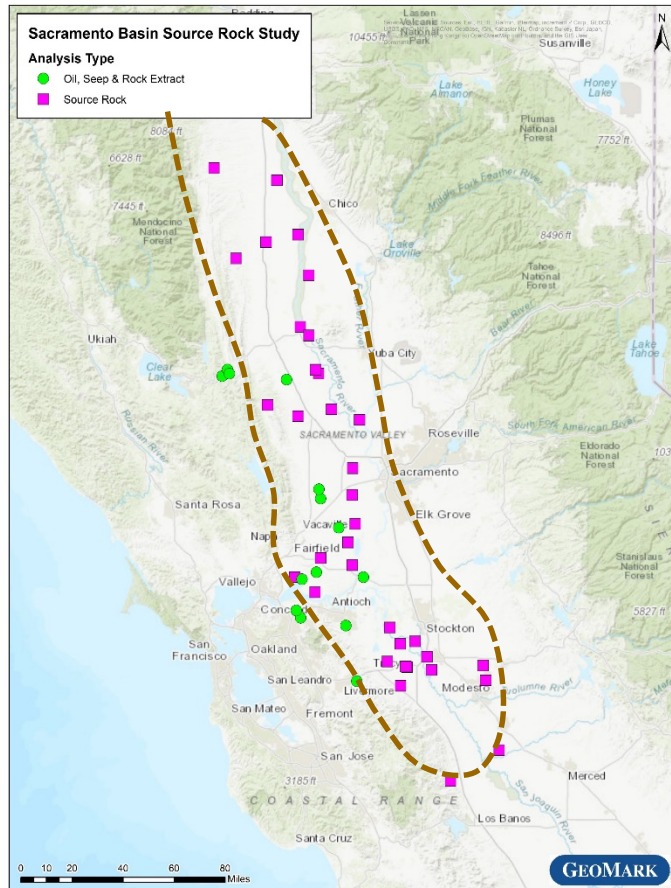


## Petroleum Geochemistry of the Sacramento Basin

### Regional Petroleum Geochemistry of Source Rock Samples from the Sacramento Basin



GeoMark Research has completed a detailed geochemical study of the Sacramento Basin. This mature basin remains a target for missed resource and production optimization studies, and GeoMark has designed this study to aid in this late-in-life basin activities. This study characterizes the quantity, quality, and thermal maturity of the organic rich sections of the basin, and relates these properties to produced fluids, allowing operators to better identify missed pay, inefficient historic production, and assess unconventional opportunities.

This work is based on a proprietary dataset of more than 3,000 rock samples from 36 wells. The organofacies definitions from the rock data are tied to a collection of 14 oil samples that represent the range of produced fluid families seen in the basin.

Key observations provided include:

- Definitions and extent of organofacies in the basin
- Timing of hydrocarbon expulsion and present-day maturity models of source rocks.
- Data-backed geochemical model that predicts fluid parameters for reservoir models.

This Sacramento Basin assessment is delivered as a PDF and ArcGIS product. The purchase price includes a perpetual license to all study documents and a 3-year subscription to the raw dataset. Please contact GeoMark research for more information.

**Well Count: 36**  
**Oil Samples: 14**  
**Source Rock Samples: 3354**

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