

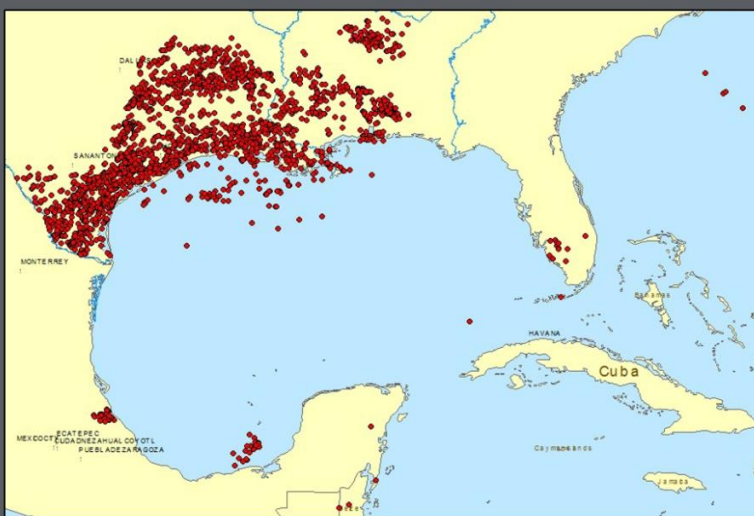
# Gulf of Mexico

## Petroleum Geochemical Database

# 2013

UPDATED

Whether moving into new areas or reappraising existing ones, an understanding of petroleum systems geochemistry is crucial in evaluating exploration potential and risk. Compiling data from many non-uniform sources into a format to allow this evaluation is a time-consuming task. This work has already been done in IGI's Gulf of Mexico Database, and additional well data including location and stratigraphy have been collected and integrated where possible. The database comprises data for over 7,000 samples from 55 sources, including over 950 oils, 2500 gas samples and over 3000 rock analyses. TOC content is reported for over 3000 samples with most of these also having additional pyrolysis data. Molecular data are widely available for more than 80 samples (mostly oils) with many hundreds more reporting values for the most common compound ratios. The isotopic composition of over 800 oils, extracts and gases are reported and over 350 samples have vitrinite reflectance values.



IGI has catalogued and digitised geochemical data for the Gulf of Mexico region, found within our extensive collection of publically available literature. These data were then compiled into a p:IGI database, the industry standard petroleum geochemical databasing and interpretation application.

IGI has more than 25 years experience in assembling and interpreting large geochemical datasets for the petroleum industry, ensuring that our data-base products can be used with confidence by geologists, basin modellers and geochemists.

IGI's Gulf of Mexico Geochemical Database is provided with a Well Manager file containing available stratigraphy and basic well information for all included wells. This allows the user to seamlessly add samples from proprietary or in-house sources to the database, and assign uniform stratigraphy, map coordinates and other well information. The dynamic database automatically updates all plots on sample addition to minimise reaction time between data acquisition and interpretation.

### Data mining and extraction

- \* Catalogue available geochemical data
- \* Digitise scanned PDF images
- \* Compile and assimilate data types
- \* Load data into a single database (p:IGI-3)

### Quality Assurance

- \* Normalise data from different laboratories
- \* Unit conversion
- \* Identification of outliers
- \* Assess data density and distribution

### Well Data Import

- \* Unify & assign stratigraphy
- \* Geo-reference data
- \* Assign sample metadata

### Database cost (p:IGI format)

List Price:	£6,250
Existing p:IGI clients:	£5,000

For further details please contact:  
[info@igiltld.com](mailto:info@igiltld.com)

