

Baseⁿ

BASIN SPECIFIC PETROLEUM FLUID DATABASE

A basin specific database for the organization, storage, review, and manipulation of reservoir fluid analyses

GeoMark Research has launched **Baseⁿ**, an internet-enabled, basin specific database for the storage, review and manipulation of all petroleum fluid analyses. Specifically, **Baseⁿ** is a program that offers participating companies customized access to GeoMark's **RFDbase** Database. **Baseⁿ** allows participants to both choose the type of data needed and the geographical extent of the coverage. Thus, companies can acquire only the data of immediate interest without having to license all of GeoMark's global databases. Data can be purchased by region (country, basin, or block) or data type (source rock, oil, gas, etc.). In addition, participants in **Baseⁿ** can have new samples analyzed and added to the database at a highly reduced price.

OBJECTIVES

The **Baseⁿ** program is intended to give participating companies the option to license only that portion of GeoMark's **RFDbase** Database that is necessary for a current project. Licensing contracts can be customized to fit time, geographic, and data type restrictions to more fully meet the participating companies needs.

Some of the specific functions of **Baseⁿ** are listed below.

- Data from each **RFDbase** module (Oil, Oil Seep, Source Rock Extracts, Gas, PVT, Flow Assurance) are available via the **Baseⁿ** service (see Figure 1).
- Data can be acquired from any geographic region, including country, basin, block, or lat/long segments.
- Participants receive access to any new data sets that are added to the **RFDbase** Database during the licensing period.
- Participating companies can submit new samples for analysis and inclusion in the **RFDbase** Database for little or no charge.

DATABASE DESIGN

RFDbase has been developed as an interactive web interface overlaying a Microsoft SQL Server database populated with petroleum fluid data. The database applications are hosted off-site offering electronic and physical security, as well as broadband access for member companies.

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