

BONAPARTE

400



A million years' data in minutes



## A basin of bounty ripe for re-discovery

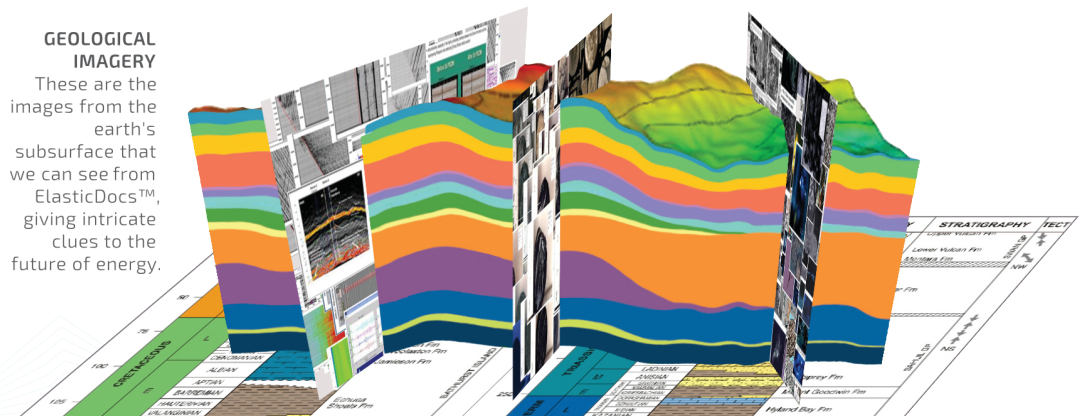
Located in the Western and Northern territories of Australia, **Bonaparte** is an offshore sedimentary basin that has a multi-phase history which began more than five hundred million years ago. Over the ages, it grew into 270,000 square kilometers of sub-basins and platform areas that are rich in earth's energy resources. For 70 years, scientists and engineers have been studying and gathering data on its 440 wells from the first, Spring Hill (1959) to the latest on this container, Barossa-6 (2017).

## Turning data into knowledge

We at **Iraya Energies** have processed over **70 years' worth of data** on the Bonaparte Basin using **leading-edge Machine Learning (ML) and Artificial Intelligence (AI)**. This includes **nearly 254,000 images of tables, maps, seismic and stratigraphic charts, thin sections, cores** which are unstructured data that comes in pdf, document and PowerPoint formats. Using **ElasticDocs™**, our intuitive knowledge container, they are

absorbed and tagged automatically, resulting in **BONAPARTE 400**, a cache of valuable information that is instantly retrievable and analytic-ready.

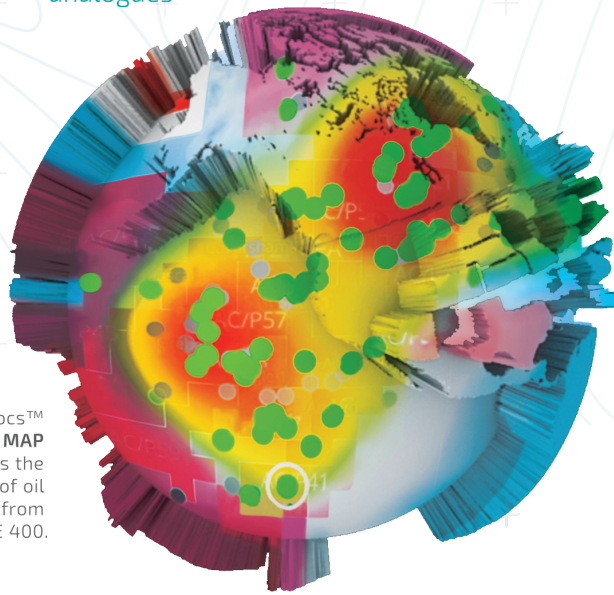
With **BONAPARTE 400** geoscientists and engineers can quickly analyze petrophysical, geophysical, geological and engineering data, giving them more room to make the right decisions as we transition to the right energy mix for the future.



## ElasticDocs™ makes it easy

With **Iraya Energies' ElasticDocs™**, information is compiled for the following uses:

- See the overview of geodensity maps
- Investigate regional trends of lithology, fluids, pressure, temperature and minerals
- Understand the drilling history using knowledge graphs
- Search classified images for insight and analogues



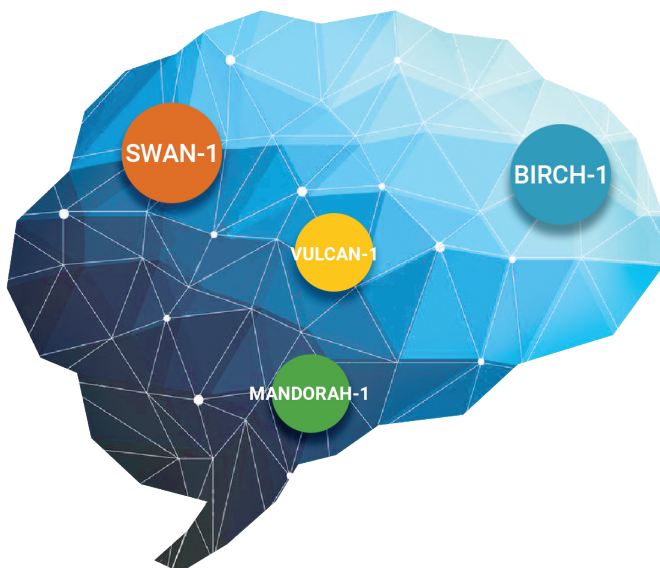
This ElasticDocs™ **GEODENSITY MAP** represents the distribution of oil producing wells from BONAPARTE 400.

## How can we help you with **BONAPARTE 400**?

**Through collaboration.** Just add your own proprietary data to the platform and provide us with a data dump. We will ingest, store and classify your unstructured data. All the **ElasticDocs™** features will be available to you in the cloud, easily accessible and ready for your analysis.

### And it doesn't stop there.

We always keep **BONAPARTE 400 evergreen**. Information on new wells and other data are absorbed and incorporated by **ElasticDocs™** as and when they are released. You are guaranteed to have the current database available at your fingertips.



The ElasticDocs™ **KNOWLEDGE GRAPH** is a feature that shows how wells are linked based on information passed between them. This provides an instant overview of the exploration history and key wells from BONAPARTE 400.

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Would you like to know how you can access 70 years' worth of data easily? License **ElasticDocs™** **BONAPARTE 400** from us at **Iraya Energies**. Please contact **Enas Ragab** at [er@irayaenergies.com](mailto:er@irayaenergies.com) and visit [irayaenergies.com](http://irayaenergies.com) for more information.

## Read the Earth

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ELASTICDOCS™ Evergreen Series

