Well Log Analysis and Model Building Made Easy

PowerLog® with EarthModelBuilder and FaciesID
PowerLog with EarthModelBuilder
Estimate your reserves more quickly

Petrophysics and geomodeling for geologists and engineers
Incorporate common petrophysical workflows into your interpretation and modeling processes. This easy-to-use, full featured petrophysical tool set offers streamlined processes that will give you more complete answers and better results.

- Simple petrophysics that is easy to learn and use
- Multi-well and multi-interpreter management so you can compare results using multiple scenarios
- A convenient facies classification tool to identify porosity, permeability and water saturation
- Powerful geological modeling that you need to calculate volumes
- New import/export functionality that saves you time

PowerLog
The most user-friendly, intuitive petrophysical interpretation product on the market today.

EarthModelBuilder
A 3D geomodeling tool that allows you to analyze and compute volumes of your reservoir model.

FaciesID
The most interactive facies classification tool in the industry.

Powerful commercial database
- Centralized data management (with backup and restore)
- Query tools
- Corporate standards for display and processing
- Multi-user, Multi-interpreter functionality

This package offers all the functionality that made PowerLog the standard standard in the industry.

- Perform statistical mineral analysis, for mineral analysis for mineral volumes, TOC, porosity and saturation
- Compute mechanical rock properties
- Model elastic rock properties
- Integrate well logs with 3D seismic

Simple workflow for accurate results
- Incorporate common petrophysical workflows into your interpretation and modeling processes
- Perform a quick log analysis and create productive zones
- Generate 3D models of reservoir properties

Speed
New import and export functionality lets you efficiently enter and retrieve data.

- Load wells quickly
- Execute interpretation
- Determine facies
- Generate a model FAST

Figure 1. Generate analysis of productive zones.
Figure 2. Logplot from PowerLog.
Figure 3. SWQ section view from EarthModelBuilder. Perform powerful well log analysis in PowerLog and transform it into meaningful 3D models with EarthModelBuilder.
Figure 4. Hydrocarbon pore volume map.
Figure 5. PowerLog well log analyzer.
Figure 6. Display your results in Collage.
and **FaciesID**
and more accurately

Generate sand, shale and silt facies logs, and determine facies with **FaciesID**

Use **EarthModelBuilder** to generate models FAST

This easy-to-use toolset harnesses the power of petrophysics to provide more complete answers.

Unmatched collaboration

In this managed environment, geologists, petrophysicists, and engineers can work on multiple wells with multiple interpreters for maximum efficiency.

A better, faster, more complete workflow within GeoSoftware

Well information is shared directly and without duplication between **PowerLog**, the **Jason® Workbench**, and **EarthModelBuilder**, ensuring real-time collaboration among asset teams.

The GeoSoftware platform provides an integrated framework for delivery of multi-user seamless cross product workflows.
CGG GeoSoftware

CGG GeoSoftware provides the industry’s preferred comprehensive set of software products and support for E&P multi-disciplinary teamwork. High-end, cross-product workflows enable a better understanding of reservoir properties and how they evolve through the life of the field. GeoSoftware helps reduce reservoir risk and uncertainty in seismic reservoir characterization, velocity modeling, advanced interpretation, petrophysics, rock physics, AVO and geological modeling. The GeoSoftware portfolio includes HampsonRussell, Jason, InsightEarth, PowerLog, EarthModel FT and VelPro.

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