# PowerLog®
## FaciesID

# Fast, Interactive, User-Friendly Facies Classification

Determining the relative water saturations and height above free water are critical steps in understanding the reservoir and defining an efficient drilling program. With this understanding, engineers can avoid drilling into free water, determine compartmentalization and identify zones that are in communication.

## The PowerLog Advantage

**PowerLog FaciesID** is the most user-friendly electrofacies classification tool on the market. The reconstruction of input curves as block curves allows you to quality check results during the process.

- Fast and interactive
- Generates block curves of input data
- Creates dispersion statistics and confusion matrices to evaluate quality

- Simple creation of user-defined facies
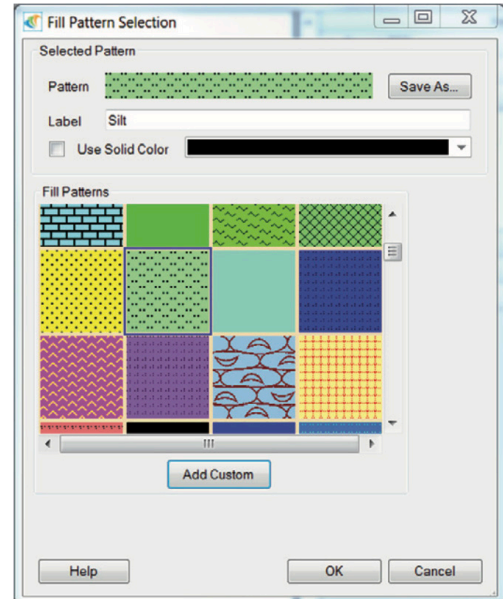- Easily editable and selectable category tables for display purposes
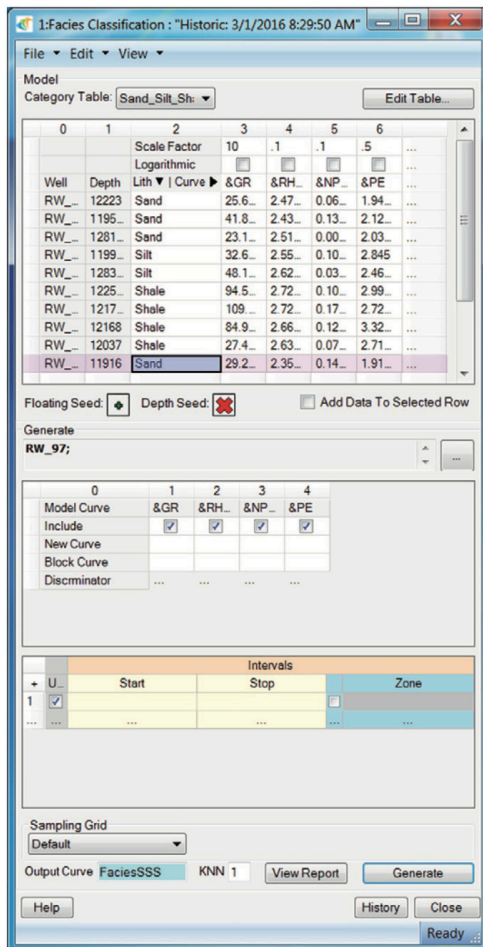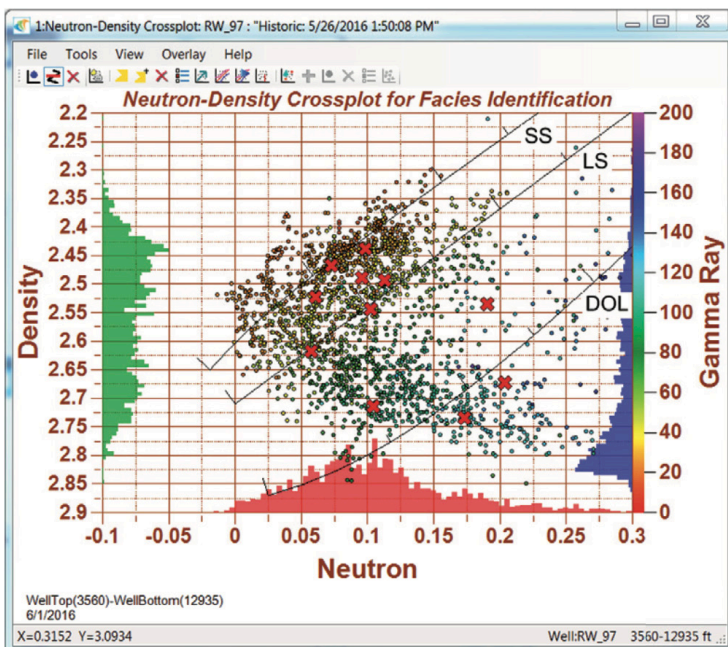


*FaciesID module for defining facies classes.*
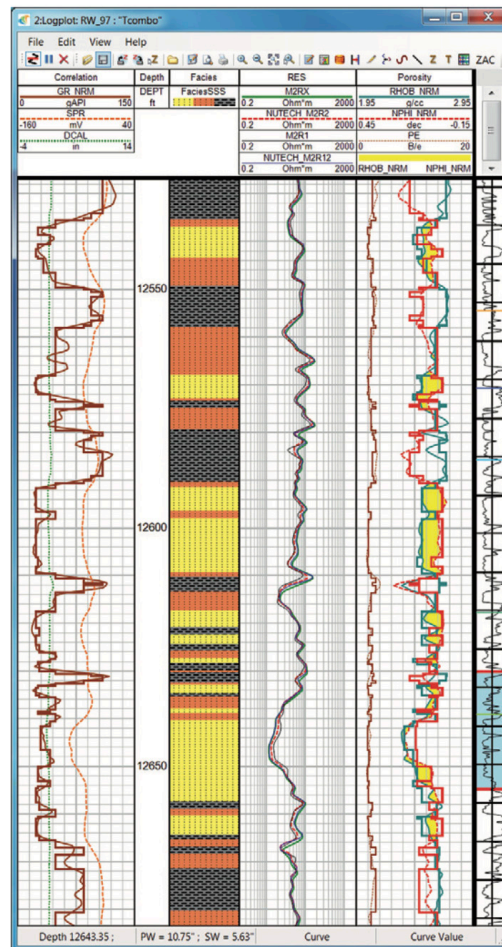


*The resulting log plot with blocked curves and output facies.*

GeoSoftware™

www.GeoSoftware.com
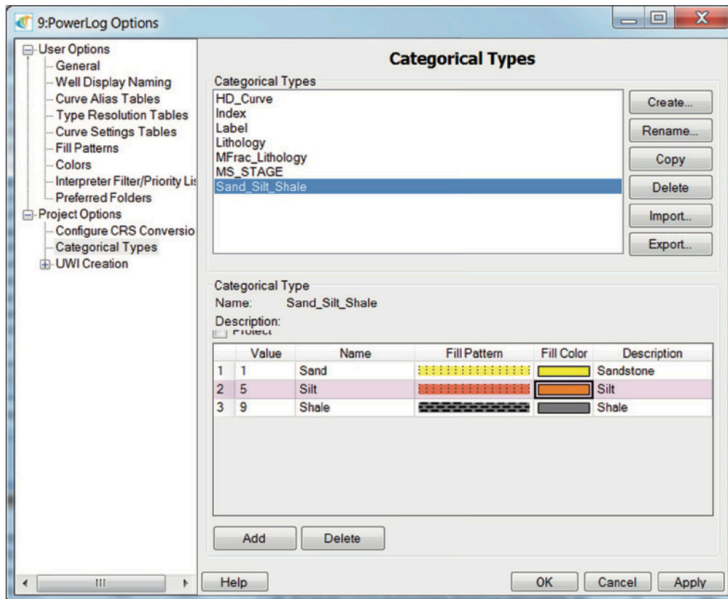
*Categorical data table used for facies definition.*



*Interactively build custom Fill Patterns.*



*The seed points for Facies Classification can be picked and viewed in Crossplots and/ or Logplots.*

Simply select seed points for different facies from Logplots or Crossplots. Then edit seed points and drag-and-drop to new locations. Change electrofacies classifications by simply selecting new categories from a drop-down list.

*"**PowerLog FaciesID** makes it easy to generate facies logs in sand shale sequences or complex carbonates."*

### Operating System Requirements:
Windows® XP and Windows® 7.

### Recommended Minimum Hardware:
8 Gbytes of RAM.

### Interoperability:
Works in **PowerLog®.**