

## Case Study: Shiels Engineering, Inc.

### Executive Summary

Shiels Engineering needed a log scanner, image clean-up software, and a printer. With Neuralog, they discovered an affordable system for prospect generation and leasehold evaluation as well as a way to satisfy their log needs.

- Shiels now has its logs, maps, and reports online and ready for interpretation and problem solving.
- Interpreting and solving E&P problems now takes an hour instead of days, and study results can be shared with clients in just moments.

*"There are no better tools for capturing, annotating, correlating, mapping, and accessing geoscience data than NeuraScanner, NeuraSection, and NeuraLaser. I make cross sections and maps in less than one hour with Neuralog. I can't do that with anything else."*

Carol Shiels  
President

### Challenges: Handling Paper Data & Costs

There is so much legacy paper data in the oilfield! Shiels was spending too much time searching for logs, maps, and reports in libraries, copying logs, and making cross sections and maps on paper to generate prospects and evaluate leases. Working on paper was very time intensive and costly.

### Action: Increasing Efficiency

Scanning logs, reports, and other data with the [NeuraScanner](#) was fast. [Neuralog Desktop](#) delivered instant access to in-house digital data, making the staff extremely productive. [NeuraSection](#) provided a faster and more cost-effective solution for correlating logs and building cross sections, maps, and montages, as well as calculating reserves.

### Result: Less Time Searching for Data and Expanded Services

Shiels staff now spends less time looking for data and more time focusing on meeting their clients' needs with geoscience and engineering services. This focus facilitated the creation of new services which they are now offering their clients. Shiels will continue to expand access to new productivity indicators through Desktop.

**Takeaway:** Complete solution brings business focus and creation of new services

#### About Shiels Engineering, Inc.

Shiels Engineering Inc. is an HUB & NCTRCA registered business providing affordable and certified geologic, environmental, and engineering services to the Petroleum, Commercial, and Industrial communities.

#### About Neuralog

Neuralog is the leading provider of software-hardware solutions to help petroleum geologists and their asset teams generate prospects, evaluate leases, and solve E&P problems efficiently for maximum company productivity. Thousands of businesses in over 100 countries rely on Neuralog every day.