Case Study: Houston Energy LP

Executive Summary

With extensive 3D assets, Houston Energy (HE) has uniquely wide-ranging opportunities that also need geological integration and evaluation. Older workflows are difficult and time consuming. Adoption of Neuralog technology continues to provide faster and lower-cost prospect generation:

- Saved over $1,000/month in log reproduction costs and $8,600/year in other software costs
- Conducted more thorough geological evaluations and geophysical integrations
- Made prospect presentations more quickly and eased workloads

Challenge: Working with Logs on Prospects & Regional Analysis is Very Demanding

HE has 250,000 logs online. Creating cross sections, geological interpretations, and identifying prospects was difficult and cumbersome. HE was looking for a good solution to improve their cross section and prospect generation workflows.

Action: Evaluate Software for the Best Cross Sections

Before selecting NeuraSection, NeuraView, and NeuraLaserColor, HE contacted multiple vendors and evaluated multiple products. They determined **NeuraSection** made the best cross sections and it was also the easiest to use. Other software needed 150% of the effort and time and still produced inferior results. **NeuraSection** provides the data needed for integration with HE's (industry standard) geophysical application. **NeuraLaserColor** was easily installed and prepared for service to print as needed, at any time without any additional setup.

"Neuralog's tools are intuitive, fast, and accurate. Logs are now printed in lightening speed."

Jim Saye, Geologist

Result: Higher Productivity & Lower Cost Prospect Generation

With **NeuraSection**'s high productivity, HE was able to cancel their additional geological software, saving $8,600/year in maintenance. **NeuraSection** handles the raster management, creates accurate cross sections, and displays quickly, allowing HE geoscientists to convey their prospect concepts clearly and efficiently. As the "log workhorse," **NeuraView** and **NeuraLaserColor** save over $1,000/month and service is "superior to any large format plotter." Logs are now delivered in lightning speed.

Takeaway: Faster and Less Expensive Prospect Generation

About Houston Energy LP

Houston Energy, L.P. is a privately-held independent oil and gas company exploring the Offshore Gulf of Mexico, South Louisiana, and Texas Gulf Coast. They stress quality over quantity in prospect generation and the complete integration of geology and geophysics to mitigate risk in oil or gas plays, close-in or wildcat, and deep or shallow. Houston Energy has license to over 95,000 square miles of 3D data.

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.