

Case study

Swift Energy NZ
Utilities

Organising geophysical data online

For submittal of well completion records to the Ministry of Economic Development

Swift Energy New Zealand (SENZ) is engaged in oil and gas exploration and development in New Zealand in the onshore areas of the Taranaki Basin. SENZ is a subsidiary of Houston-based Swift Energy Company, an independent oil and natural gas company engaged in the development, exploration, acquisition, and operation of oil and gas properties. Swift Energy focus their efforts in the US on onshore and inland water areas of the Texas and Louisiana Gulf Coast.

Application

Trapeze is used to view and organise data for oil exploration and development, and to create and integrate well completion reports and data for submittal to the NZ Ministry of Economic Development (MED).

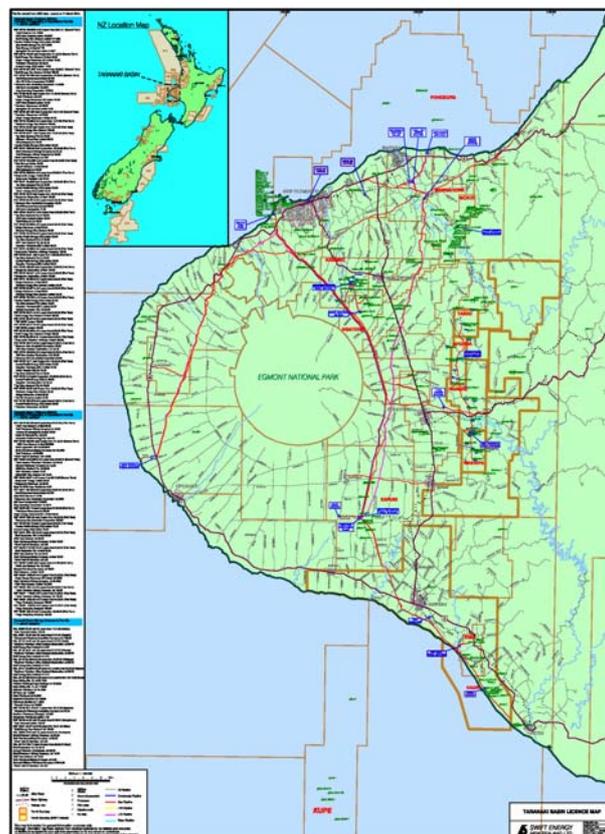
Original problem

Desire to access, evaluate and integrate NZ Ministry of Economic Development Petroleum Reports and other data with Swift's extensive database and other software.

Solution

Use Onstream Systems' Trapeze Desktop™ software to:

- Access NZ Ministry of Economic Development Crown Minerals Petroleum Reports in multi-page Tiff and other formats.
- Read, manipulate, resize, print and create reports for large format documents and complex graphics. e.g. well logs (some may be 10m+ long), seismic displays and maps
- With Trapeze, SENZ can handle detailed graphic displays of core samples, subsurface cross-sections, maps, reports and other documents.
- Compare geological and geophysical information and print the map/logs, allowing visual comparisons to be made with other data.
- Trapeze image printing technology allows the printing of maps to scale on a wide variety of printers.



Benefits

SENZ makes extensive use of the Trapeze measurement tool for on-screen calculation of areas and distances on maps; and for report creation in its Wellington and New Plymouth offices. The company has used Trapeze software for 2 years.

Company users are excited about these new Trapeze features:

- Virtual Light Table - superimpose depth structure maps and/or isopach maps at different levels or compare with seismic time structure maps. Compare logs from adjacent wells. The Trapeze Virtual Light Table enables users to rotate and stretch one plan or map over another, e.g. view plans on aerial photos, analyse geological maps over topographic maps or satellite images, etc.
- Text searching using OCR.
- Interaction, for correspondence management, with Microsoft Office — cut and paste images or actual text from scanned documents to Microsoft Word and other presentation software.
- PDF support

Customer's comments

Jenny Loake, a Wellington-based geotechnical assistant with SENZ, has been working with Trapeze for 2 years. She says:

“It was very easy to install. We just downloaded it from the Web and bought the licenses. We didn't need any training. It was all very second nature for us. The support has been excellent.”

For further details please look us up on the Onstream Website www.onstreamsystems.com
or contact us on **+64 4 473 1711**.
We look forward to chatting with you.