

CGG Conducts Rich-azimuth Multi-client Survey North-west of Shetland



CGG has commenced acquisition of a high-density, rich-azimuth, towed-streamer multi-client survey in the UK West Shetland Basin. The 3,600-square-kilometre survey has received strong industry support and has been designed in collaboration with major international oil companies. It focuses on delivering high-resolution seismic data in a prospective but underexplored area north-west of the Shetland Isles over the northern part of the Rona Ridge. A fast-track PreSDM dataset will be available in Q1 2019.

The innovative acquisition geometry is designed to image multiple targets from shallow Tertiary and Cretaceous plays to complex fractured Devonian-Carboniferous reservoirs by undershooting the volcanic intrusions and shallow unconformities present in the area. Two vessels, the Oceanic Vega and the Geo Caribbean, are being deployed. Each vessel

operates triple sources using simultaneous source technology.

Subsurface images

The data will be processed in depth using CGG's state-of-the-art broadband imaging technology, including advanced de-blending and Full-Waveform Inversion velocity modeling. The final data will be available in mid-2019.

Sophie Zurquiyah, CEO, [CGG](#) said: "This survey is another example of CGG working closely with clients to deliver the best possible subsurface images in a cost-effective and timely manner. Until now, oil and gas companies interested in the exploration potential of this part of the West Shetland Basin have lacked high-quality seismic data. We expect our new rich-azimuth images to reveal an unprecedented level of detail in this exciting frontier area."

<https://www.hydro-international.com/content/news/cgg-conducts-rich-azimuth-multi-client-survey-northwest-of-shetland>
