



Brazil - 2016

Aquiraz 3D GeoStreamer®

Brazil equatorial margin plays with proven exploration success

This dataset in the underexplored deepwater Potiguar Basin in the equatorial margin of Brazil is on strike to discoveries at Pecem and Pitu, and targets Cretaceous to Lower Tertiary reservoirs.

The survey images upper slope to lower slope fan channel complexes sourced by rich Cretaceous source rock. Reservoir intervals from Cretaceous to Lower Tertiary are imaged by high fidelity GeoStreamer data. Analog prospects have been drilled in the conjugate margin in West Africa and in Guyana.

Modern broadband AVO compliant signal processing with GeoStreamer data to time and depth offer the best fidelity of seismic attributes.

SURVEY SUMMARY

Type: 3D
Geostreamer: Yes
Size: 2615 sq. km
Acquisition year: 2016
Completion of processing: 2017
Vessel: Ramform Atlas

ACQUISITION PARAMETERS

Number of streamers: 14
Streamer length: 8,000 m
Streamer separation: 100 m
Sample rate: 2 ms

PROCESSING AND DELIVERABLES

Depth products: Final Kirchhoff PSDM stack, Final beam PSDM stack, PSDM gathers, PSDM angle stack near, PSDM angle stack mid, PSDM angle stack far, PSDM angle stack u-far, Velocity model

Time products: Final Kirchhoff PSTM Stack, Angle stack near, Angle stack mid, Angle stack far, PSTM gathers, Stacking velocity Migration velocity, Angle stack u-far