



Trinidad & Tobago - 2008

MCS Tobago Trough 2D GeoStreamer®

2,448 km of long offset GeoStreamer MC2D seismic data located across the West Tobago sub-basin

Optimal imaging of the upper Miocene and lower Pliocene deltaic sandstones of the Lower Cruse petroleum system as well as deep-water turbiditic sandstones.

Substantial Proto-Orinoco sourced Upper Cretaceous to Pleistocene clastic sediments in stratigraphic and combination traps.

SURVEY SUMMARY

Type: 2D
Geostreamer: Yes
Geometry: Standard
Size: 2450 km
Acquisition year: 2008
Completion of processing: 2009
Shooting direction: Various
Vessel: Aquila Explorer
In partnership with: Ministry of Energy and Energy Industries (MEEI)
- Republic of Trinidad and Tobago

ACQUISITION PARAMETERS

Number of streamers: 1
Streamer length: 12000 m
Shot interval: 37.5 m
Record length: 14000 ms
Source depth: 9 m
Sample rate: 2 ms
Fold: 160

PROCESSING AND DELIVERABLES

Processing: P-UP generation, 3D surface related multiple elimination (SRME), High resolution radon demultiple, Kirchhoff prestack time migration (PSTM)

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

Additional products: Demultiple Gathers, Gravity