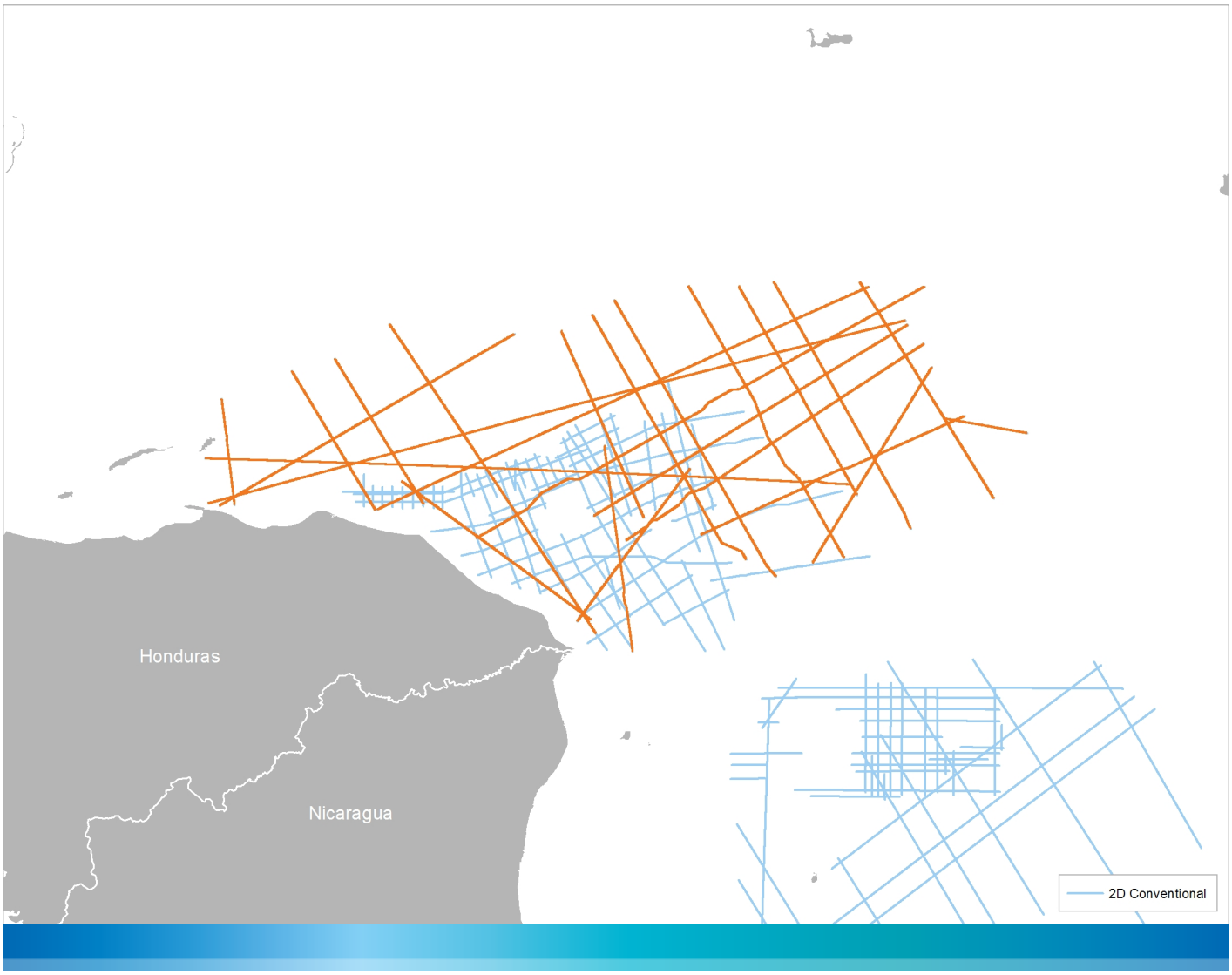

Tela and Mosquitia Basins – Honduras – 2009

MCS Honduras 2D GeoStreamer®

6 180 km of MC2D seismic data located in the Tela and Mosquitia Basins offshore Honduras

Provides a modern, comprehensive seismic address of the Tela and Mosquitia Basins offshore Honduras in water depths between 20 and 3,000 meters.

Evidence of a working thermogenic Tertiary hydrocarbon system in the Mosquitia Basin includes flow of 38 API Middle Eocene oil from Well Main Cape 1 and documentation of a high-quality Middle Eocene source rock interval in well Coco Marina 1.

See also PGS/SERNA Honduras Legacy Data Digitization Project focused on hydrocarbon prospectivity

MCS Honduras 2D GeoStreamer®

SURVEY SUMMARY

Type: 2D
Geostreamer: Yes
Geometry: Standard
Size: 6180 km
Acquisition year: 2009
Completion of processing: 2009
Shooting direction: Various
Vessel: Falcon Explorer
In partnership with: Secretaria de Recursos Naturales y Ambiente (SERNA) - Republic of Honduras

ACQUISITION PARAMETERS

Number of streamers: 1
Streamer length: 8100 m
Shot interval: 37.5 m
Record length: 14000 ms
Source depth: 6 m
Sample rate: 2 ms
Fold: 108

PROCESSING AND DELIVERABLES

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

Time products: Final Kirchhoff PSTM Stack, PSTM gathers, Stacking velocity, Migration velocity

Additional products: Demultiple Gathers, Gravity, Magnetics

For all enquires please contact Email: nsa.info@pgs.com