



Colombia - 2008

Los Cayos 2D

3 120 km MC2D seismic data located in the Los Cayos area of Northern Caribbean Colombia

Optimally images the flanks and crest of the Colombian Nicaragua Rise infilling legacy 2D seismic coverage

Play types are structural or stratigraphic closures sourced from various Eocene and Cretaceous kitchens.

These data maximize regional coverage and have been integrated into an available detailed structural and stratigraphic interpretation focused on hydrocarbon prospectivity.

SURVEY SUMMARY

Type: 2D
Geometry: Standard
Size: 3125 km
Acquisition year: 2008
Completion of processing: 2009
Shooting direction: Various
Vessel: Falcon Explorer
In partnership with: Agencia Nacional de Hidrocarburos (ANH) – Republic of Colombia

ACQUISITION PARAMETERS

Number of streamers: 1
Streamer length: 8100 m
Shot interval: 37.5 m
Record length: 15000 ms
Source depth: 6 m
Sample rate: 2 ms
Fold: 108

PROCESSING AND DELIVERABLES

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

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

Additional products: Demultiple Gathers, Gravity, Magnetics