



Brazil - 2005

Roncador MultiComponent 3D

The Roncador 3D 4C program was designed to help delineate significant oil and gas reserves.

The currently producing intervals include a Tertiary Miocene sandstone and an upper cretaceous Campanian sandstone.

SURVEY SUMMARY

Type: 3D
Size: 45 sq. km
Acquisition year: 2005
Completion of processing: 2006
Water depth: 1000 - 2000 m
Shooting direction: 90 / 270
Vessels: Ocean Explorer, Falcon Explorer, Bergen Surveyor

ACQUISITION PARAMETERS

Streamer length: 6000 m
Shot interval: 37.5 m
Record length: 10000 ms
Source depth: 5 m
Sample rate: 2 ms
Bin dimensions (Acquisition): 12.5 x 37.5 m
Fold: 120

PROCESSING AND DELIVERABLES

Processing: Dual sensor summation, Kirchhoff prestack time migration (PSTM)

Time products: Angle stack near, Angle stack mid, Angle stack far, PSTM gathers, Stacking velocity, Migration velocity, Prestack time migration (P-wave), Prestack time migration C-time