



Camamu Basin – Brazil – 2005

Camamu Ph 1/2 3D

The survey is located in the central and southern part of the Camamu-Almada Basin.

Prospective tertiary turbidites and cretaceous sands are potential targets.

Kirchhoff PSTM with ray bending, high order NMO

SURVEY SUMMARY

Type: 3D
Geometry: Standard
Size: 7848 sq. km
Acquisition year: 2005
Completion of processing: 2006
Water depth: 200 - 2500 m
Shooting direction: 0 / 180
Vessel: Ramform Valiant

ACQUISITION PARAMETERS

Number of streamers: 10
Streamer length: 6000 m
Streamer separation: 100 m
Shot interval: 50, 25 flip-flop m
Record length: 9000 ms
Source depth: 7 m
Sample rate: 2 ms
Bin dimensions (Acquisition): 6.25 x 25 m
Bin dimensions (Processing): 12.5 x 25 m
Fold: 60

PROCESSING AND DELIVERABLES

Processing: SRME, Radon and residual, 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: Gravity