



Campos and Santos Basin – Brazil – 2004

BM-S-12 3D

The survey is located off the southeastern coast of Rio de Janeiro, Brazil.

Water depths vary from approximately 150 meters in the northwestern part of the prospect to over 1800 meters in the southeastern part.

SURVEY SUMMARY

Type: 3D
Geometry: Standard
Size: 1184.9 sq. km
Acquisition year: 2004
Completion of processing: 2004
Water depth: 90 - 1000 m
Shooting direction: 270 / 90
Vessel: Ramform Viking

ACQUISITION PARAMETERS

Number of streamers: 8
Streamer length: 6000 m
Streamer separation: 50 m
Shot interval: 25 m
Record length: 9200 ms
Source depth: 7.5 m
Sample rate: 2 ms
Bin dimensions (Acquisition): 25 x 6.25 m
Bin dimensions (Processing): 25 x 25 m
Fold: 60

PROCESSING AND DELIVERABLES

Processing: Radon and residual, Kirchhoff prestack time migration (PSTM)

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