



Jequitinhonha Basin – Brazil – 2006

BM-J-4/5 3D

Encompassing the shelf to deeper water area of the northern part of the Jequitinhonha Basin.

Prospective targets include sandstones and/or carbonates in the Cretaceous.

SURVEY SUMMARY

Type: 3D
Geometry: Standard
Size: 3815 sq. km
Acquisition year: 2006
Completion of processing: 2006
Water depth: 1000 - 3500 m
Shooting direction: 90 / 270
Vessel: Ramform Valiant

ACQUISITION PARAMETERS

Number of streamers: 10
Streamer length: 6000 m
Shot interval: 25 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: 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