



Brazil - 2009

Santos West Ph 1 3D

The Santos West survey is strategically positioned in the southwest Santos Basin

SURVEY SUMMARY

Type: 3D
Size: 7187 sq. km
Acquisition year: 2009
Completion of processing: 2010
Shooting direction: 0 / 180; 90 / 270
Vessel: Ramform Valiant

ACQUISITION PARAMETERS

Number of streamers: 10
Streamer length: 8100 m
Shot interval: 25 m
Record length: 9200 ms
Source depth: 7.5 m
Sample rate: 2 ms
Bin dimensions (Acquisition): 6.25 x 25 m
Bin dimensions (Processing): 12.5 x 12.5 m
Fold: 60

PROCESSING AND DELIVERABLES

Processing: 3D surface related multiple elimination (SRME), Kirchhoff prestack time migration (PSTM), Kirchhoff prestack depth migration (PSDM)

Depth products: Final Kirchhoff PSDM stack, Final beam PSDM stack, PSDM angle stack near, PSDM angle stack mid, PSDM angle stack far, PSDM gathers, Velocity model

Time products: Final Kirchhoff PSTM Stack, Angle stack near, Angle stack mid, Angle stack far, PSTM gathers, Stacking velocity Migration velocity