



Culture: IHS Markit



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