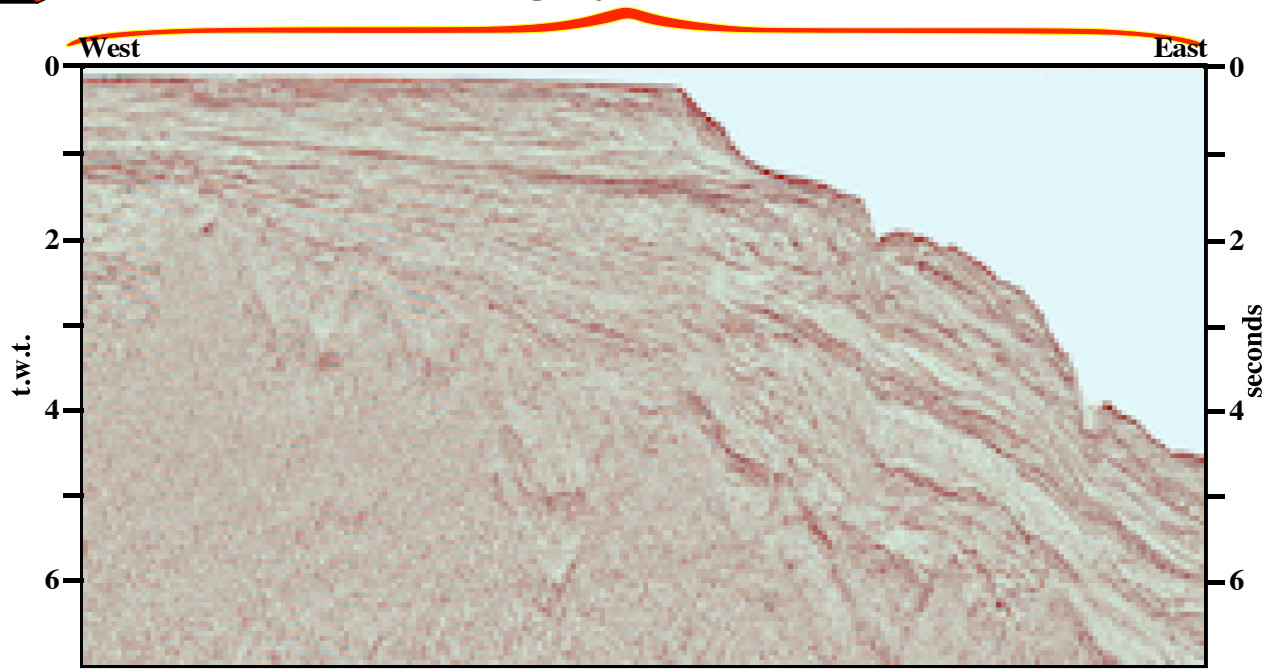
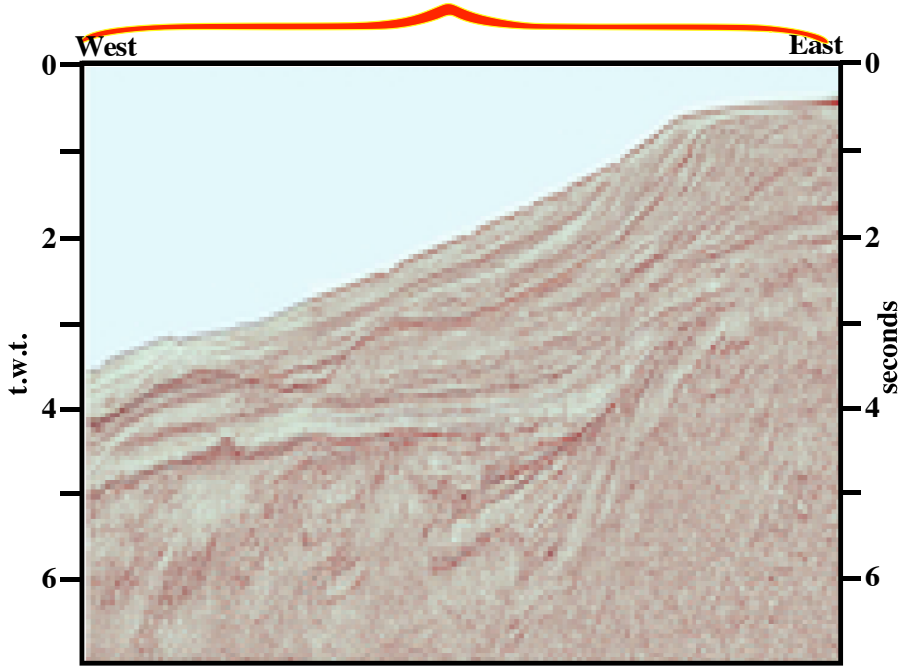
Uruguay Offshore



Namibia Offshore



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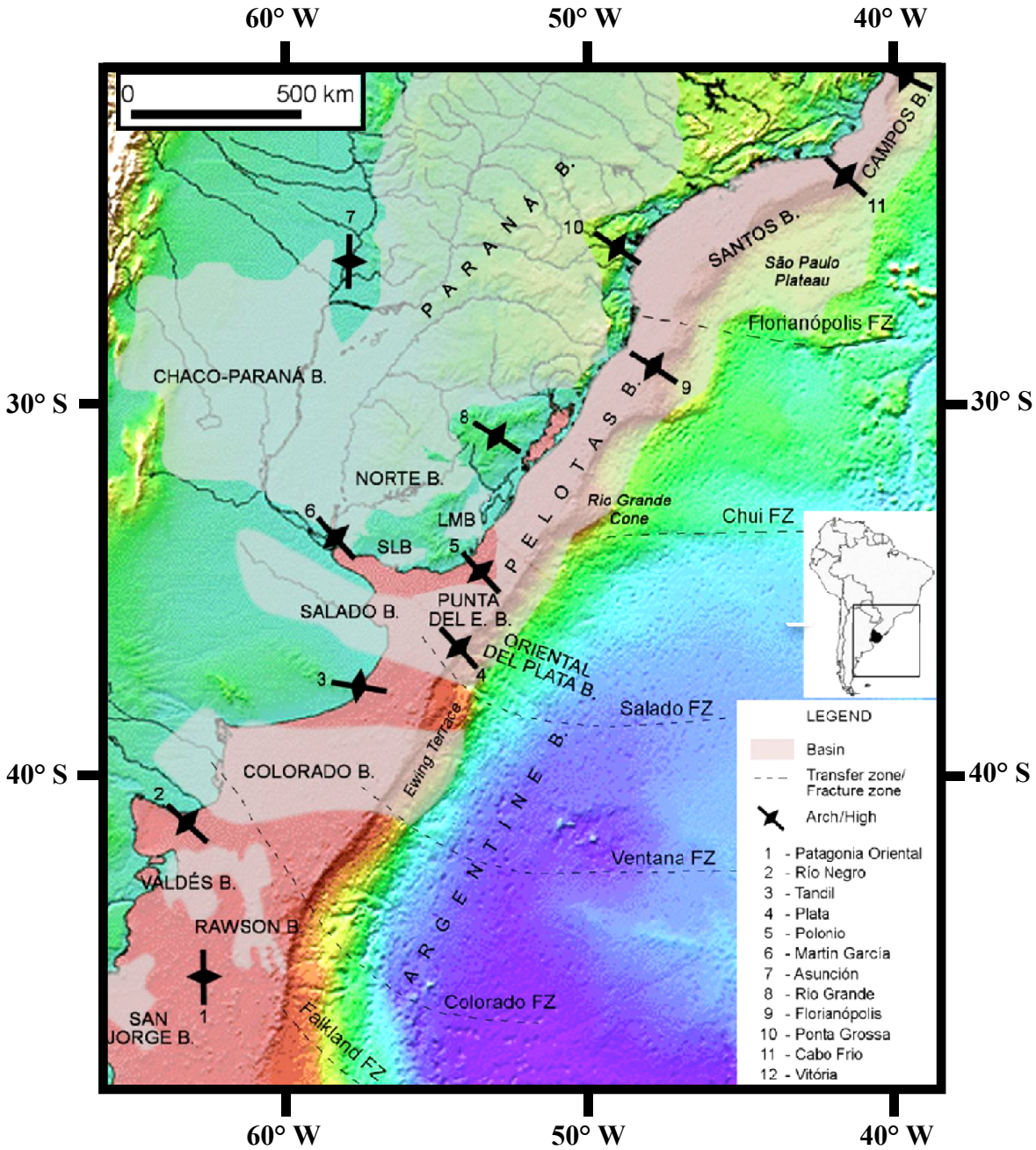
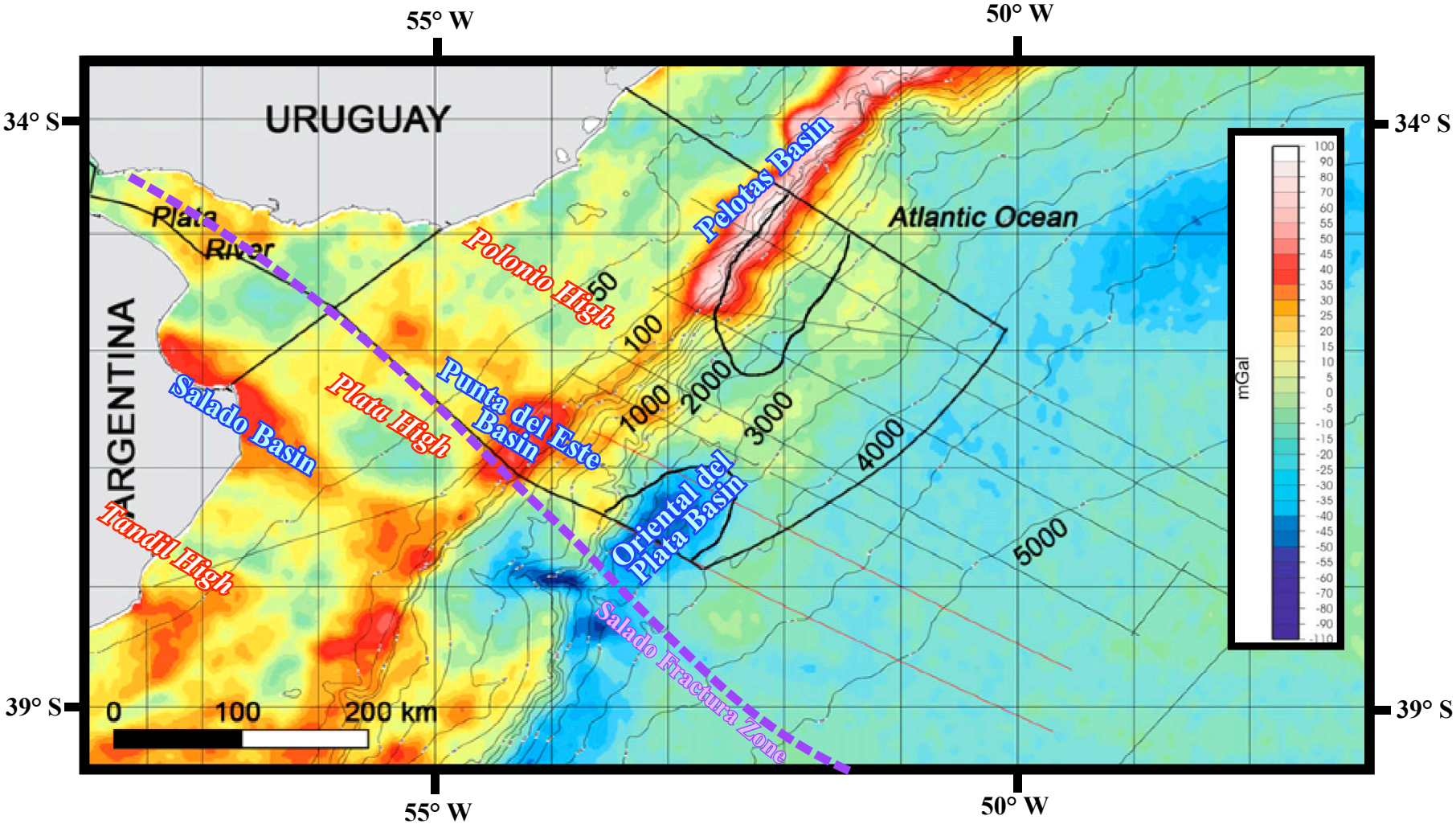
Argentina-Uruguay-Brazil Offshore



YPF, 2014

Uruguay Offshore

Free-air Anomaly and Bathymetric Map



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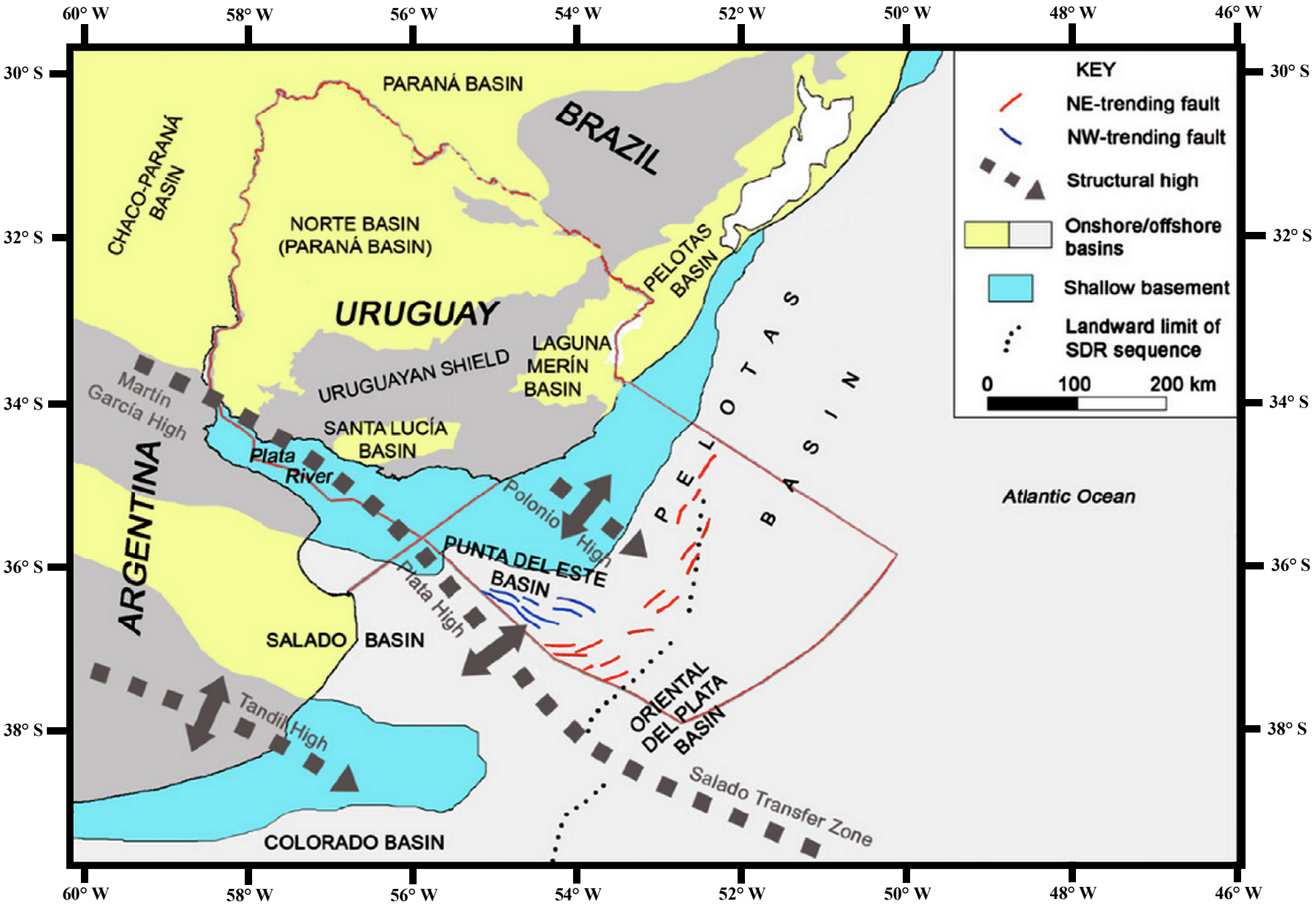
Uruguay Offshore



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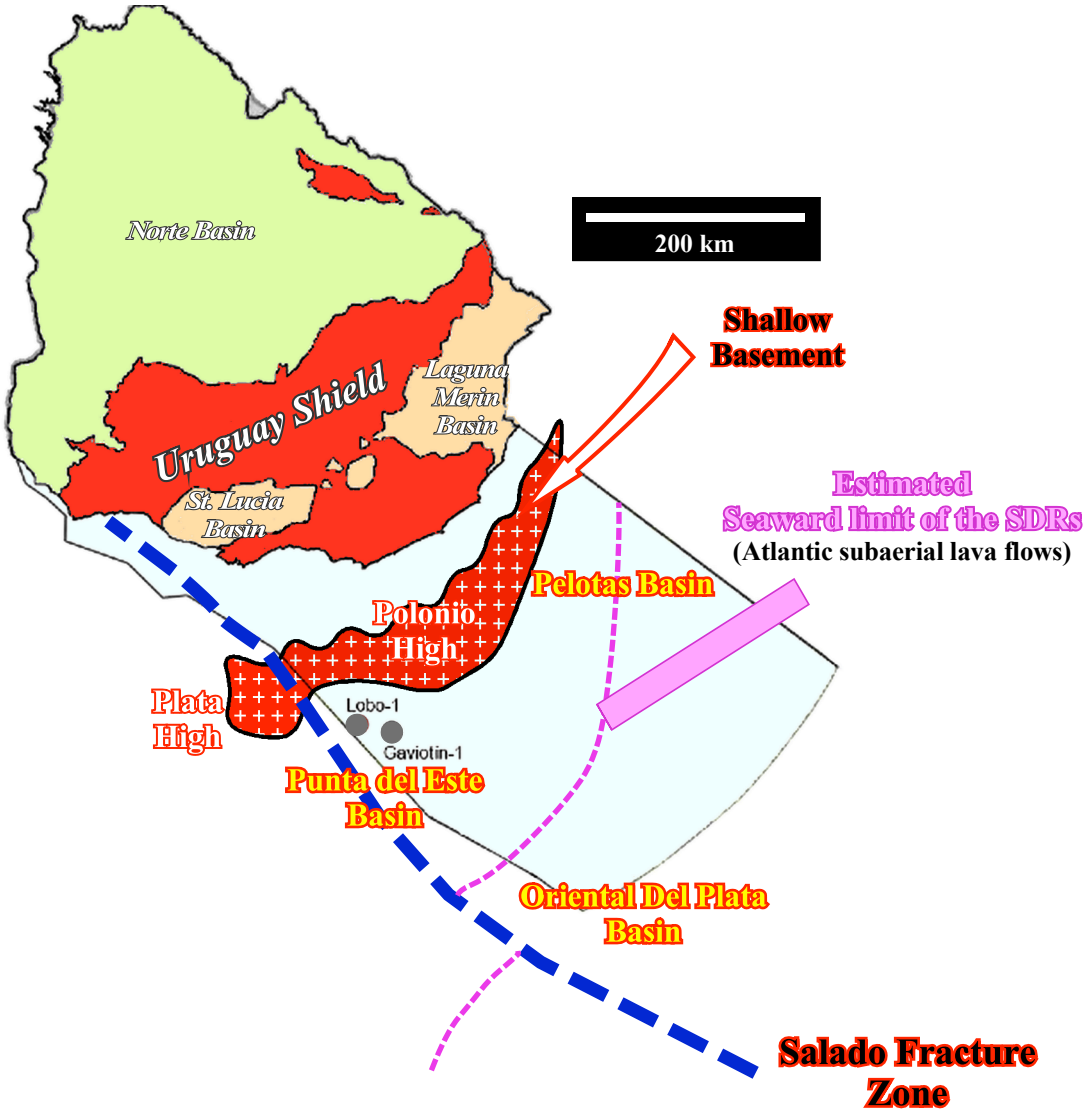
Uruguay Offshore

(Gaviotin & Lobo Wells)



Mmid-1970s two exploration wells, Lobo and Gaviotin were drilled on structural highs within the Punta del Este Basin in very close proximity to each other and in relatively shallow waters. The results were disappointing as both wells were declared dry. Critically, however, there were inclusions of oil and gas shows, indicating the possibility of a working hydrocarbon system. Drilling exploration ceased during the 1980s and since then exploration has been limited to the acquisition of a number of seismic surveys, including Spectrum's 2002, 2007 and 2008 surveys.

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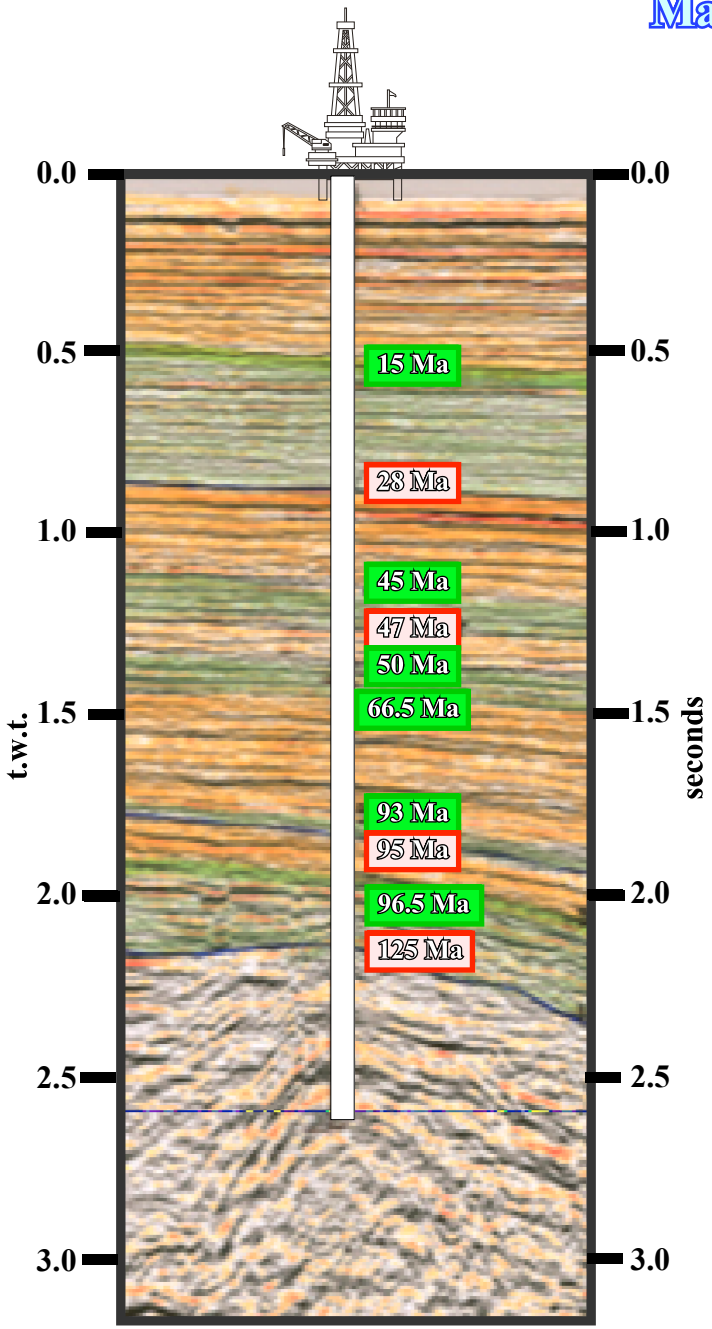
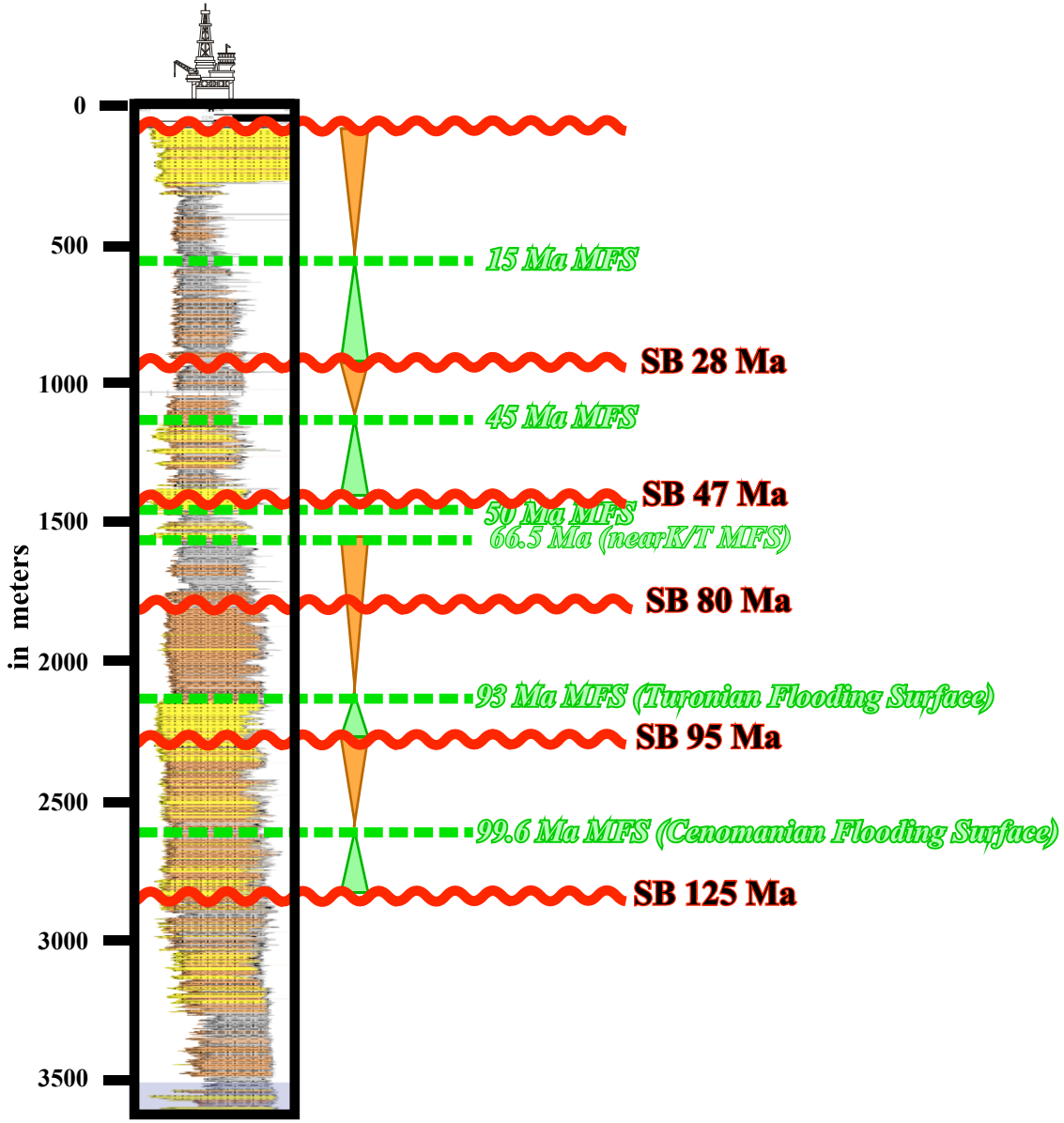
Gaviotin -1 Well

Major 2nd Order Stratigraphic Cycles

(the most likely)





Calibration chronostratigraphic according J. L. Rubino, 2014 (standard chronostratigraphy)

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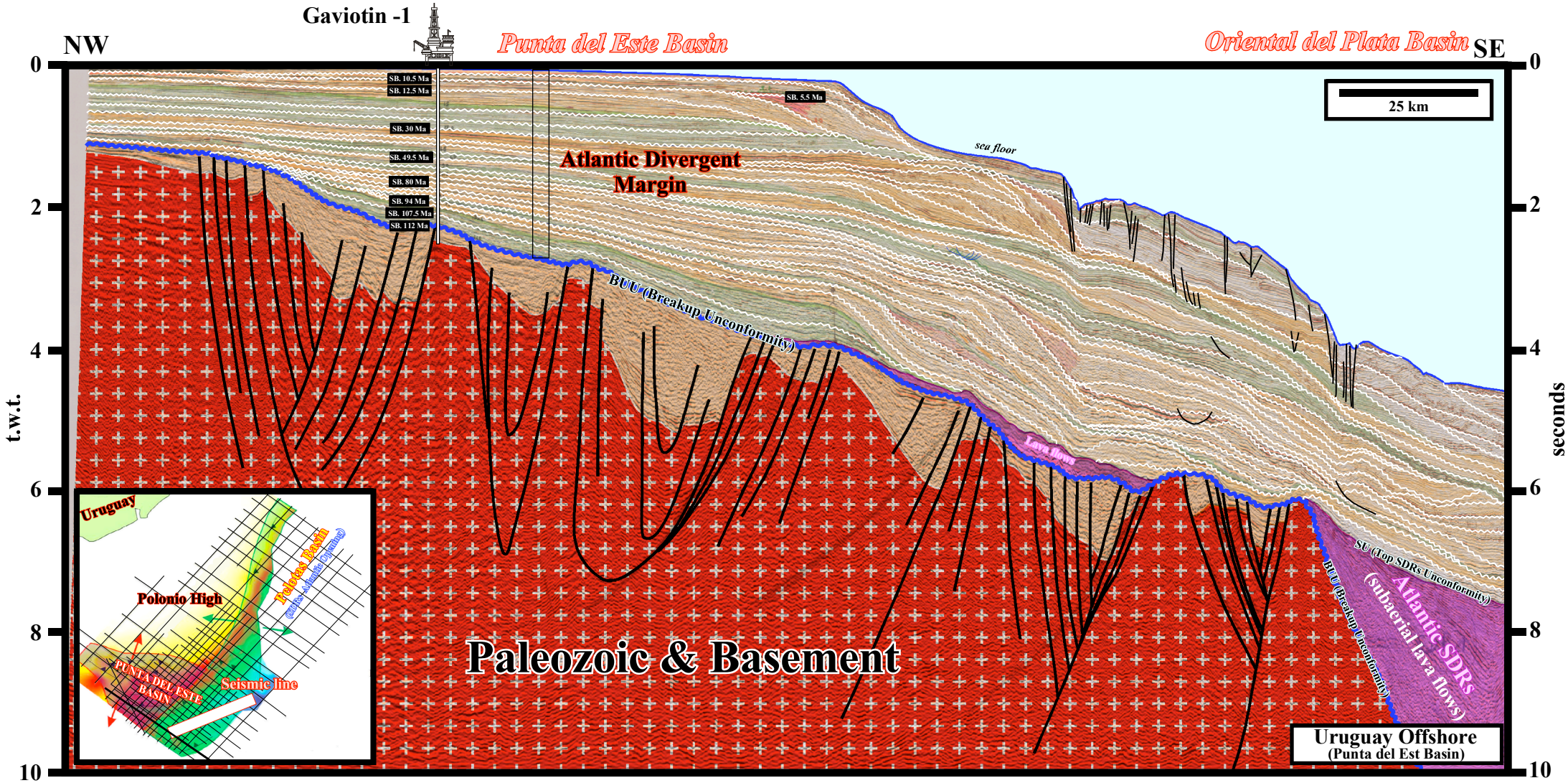
Uruguay Offshore

(Regional Seismic Line)

Main Stratigraphic Cycles (unconformities)

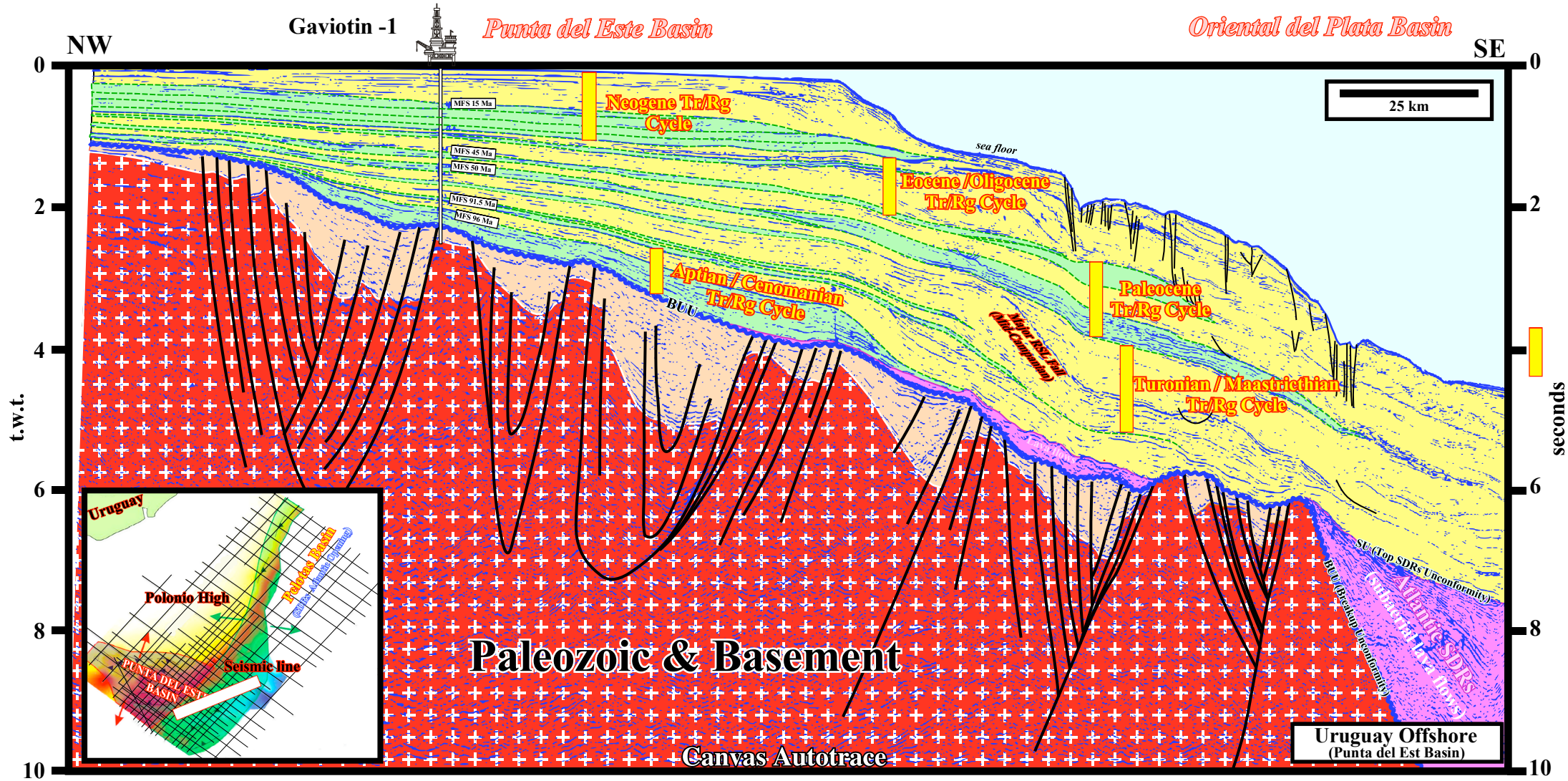


Chronostratigraphy following J. Hardenbol et al., 1998 (Long & Short Term Eustatic Curve)

Uruguay Offshore

(Regional Seismic Line)

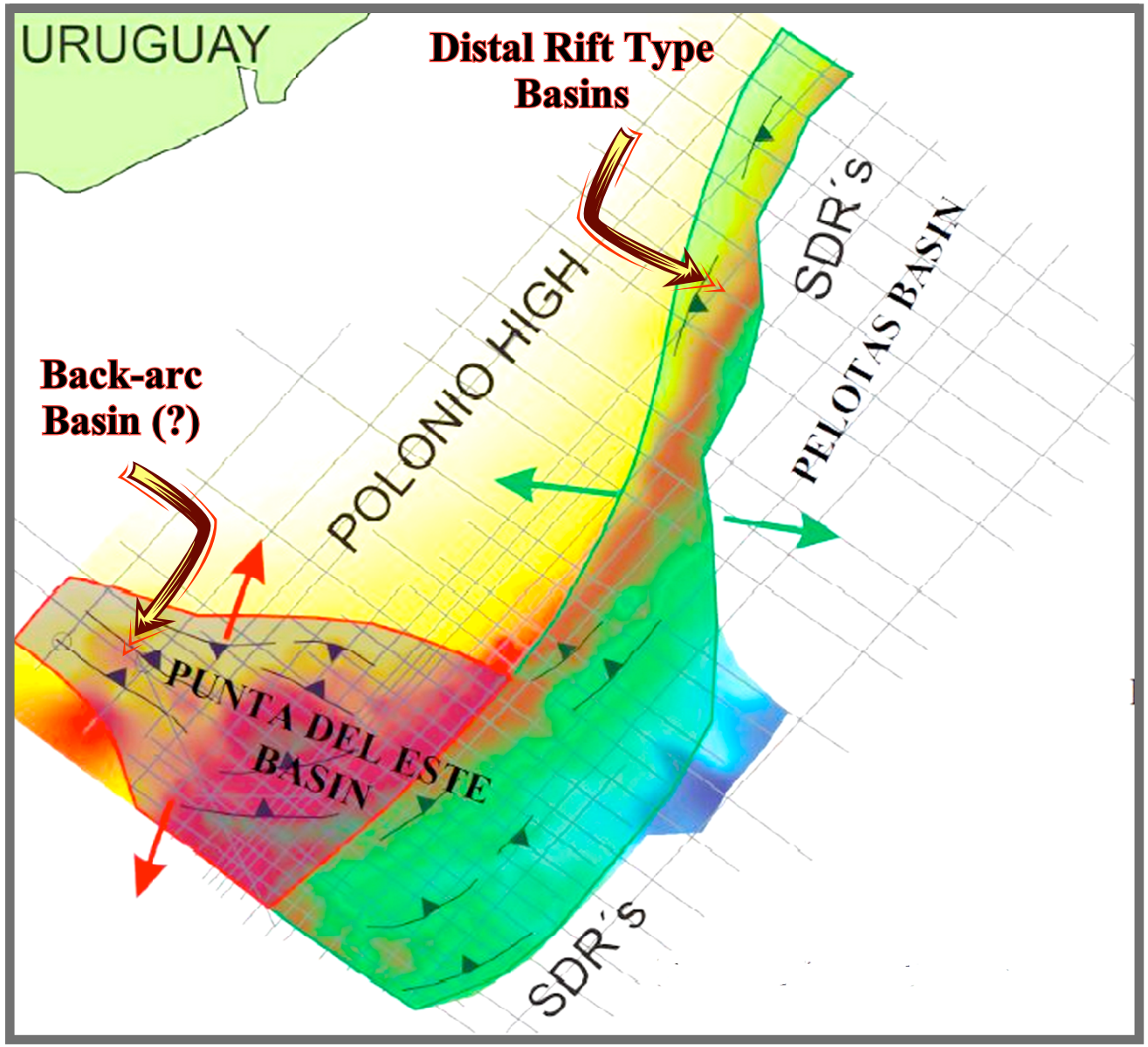
Major 2nd Order Tansgression / Regression Cycles



Chronostratigraophy following J. Hardenbol et al., 1998

Uruguay Offshore

(Lower Structural Trends)



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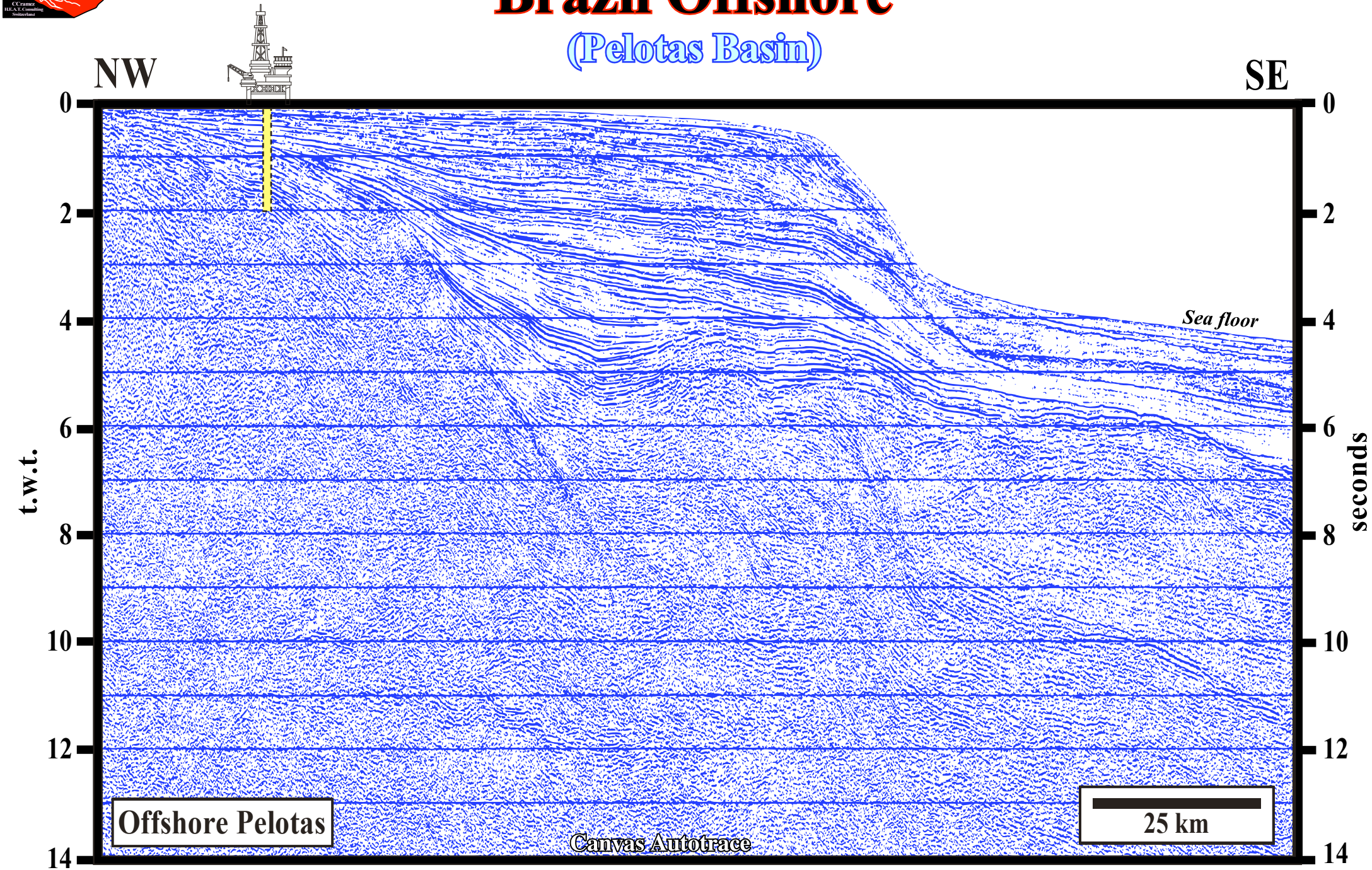
Brazil Offshore

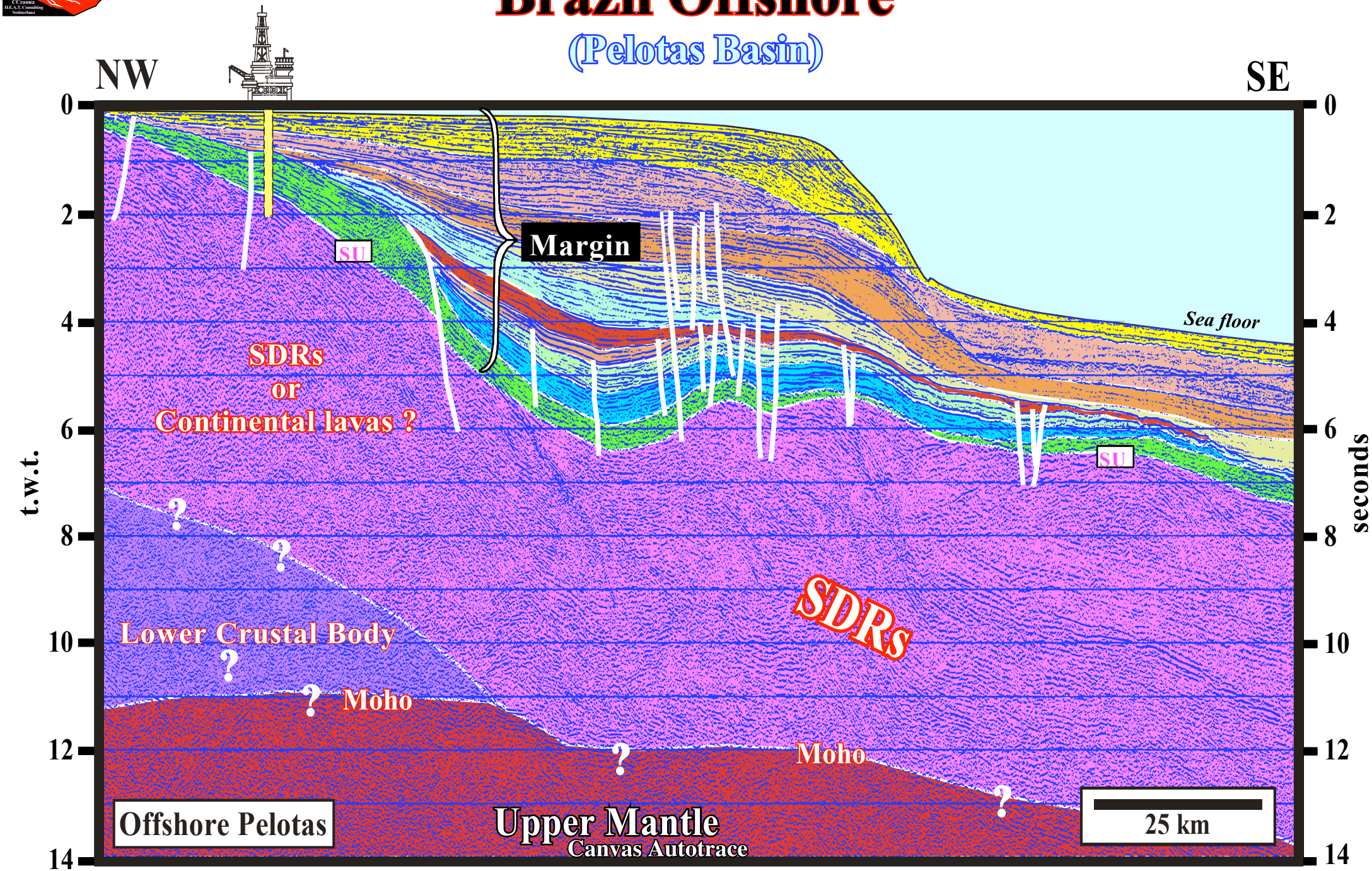
(Pelotas Basin)



YPF, 2014

Brazil Offshore

(Pelotas Basin)



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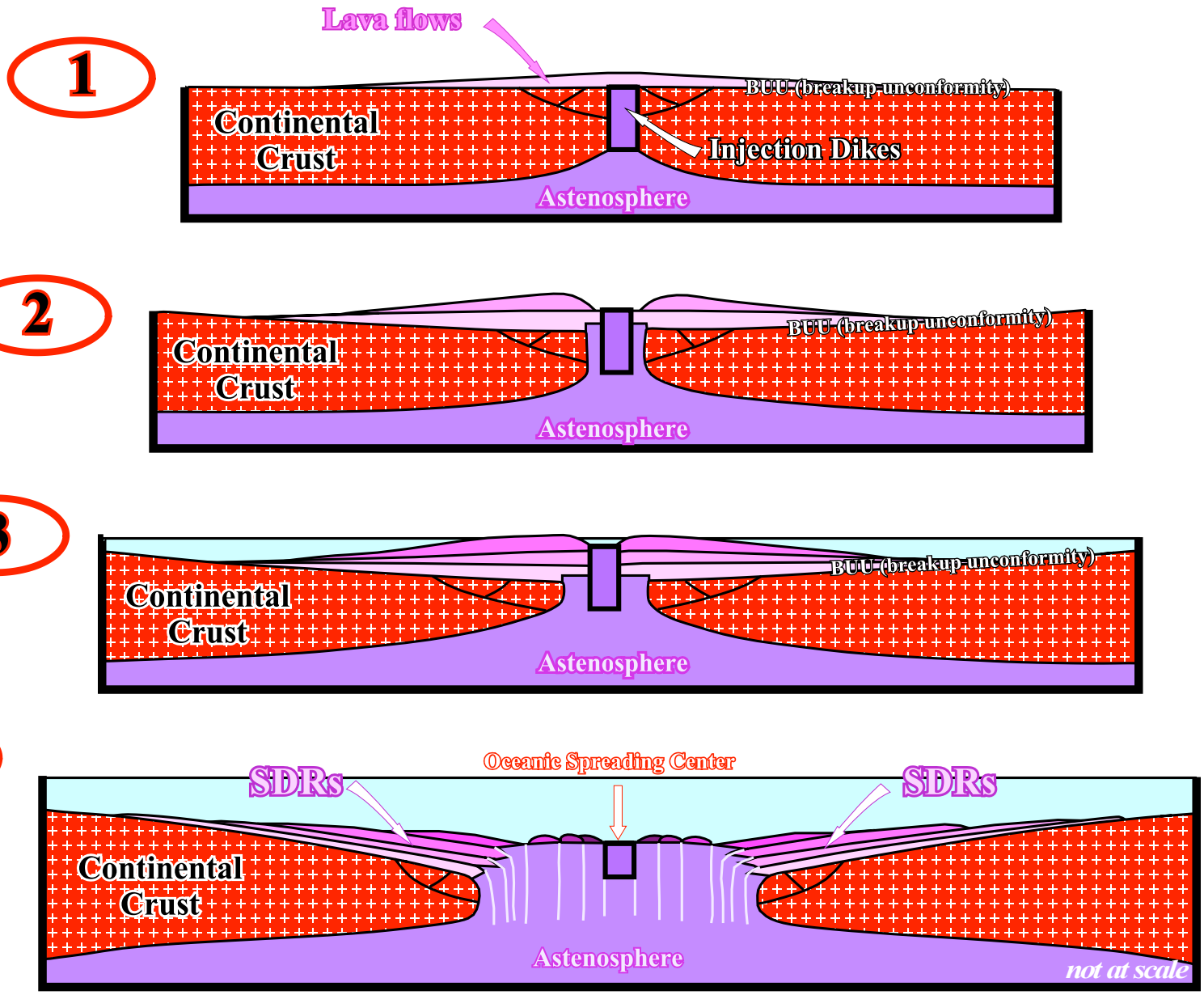
Development of SDRs

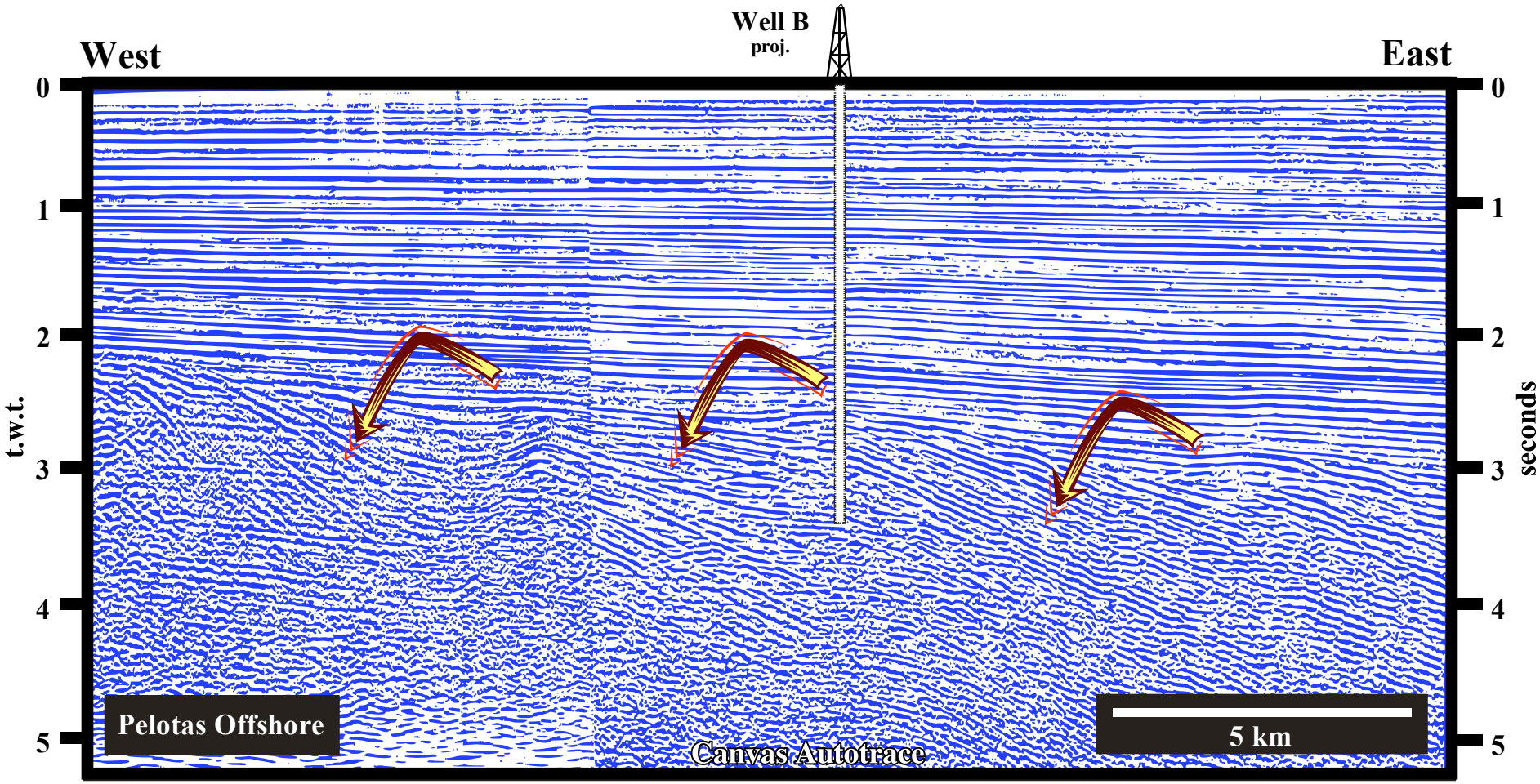
(post breakup subaerial lava flows)



CCramez, adapted from K.Hinz, 1981

Seaward Dipping Reflectors

(Pelotas Offshore, Brazil)



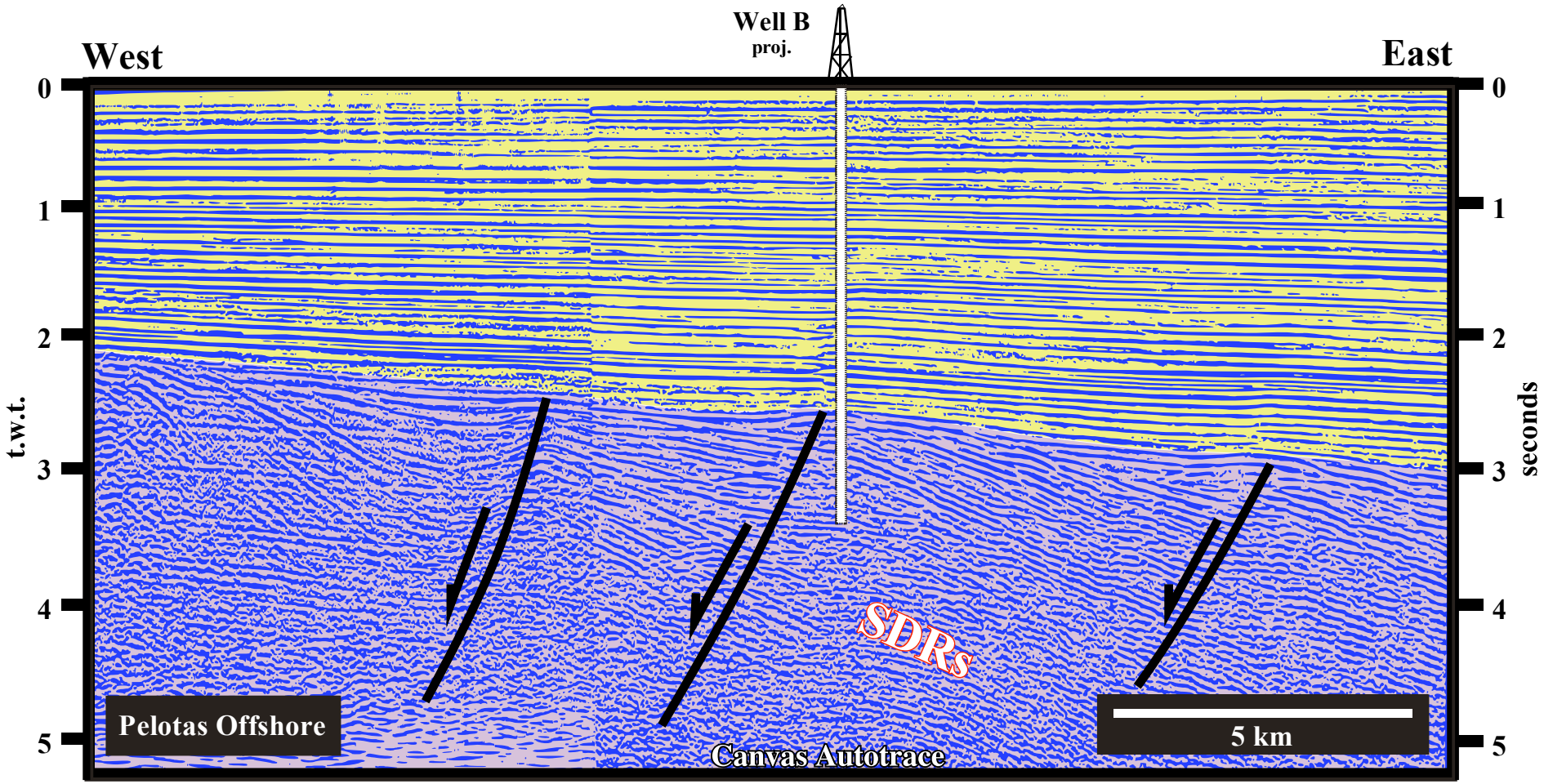
CCramez, adapted from a Petrobras Document (Celso Ponte)

YPF, 2014

Seaward Dipping Reflectors

(Pelotas Offshore, Brazil)

The false rift-type basins of Celso Ponte



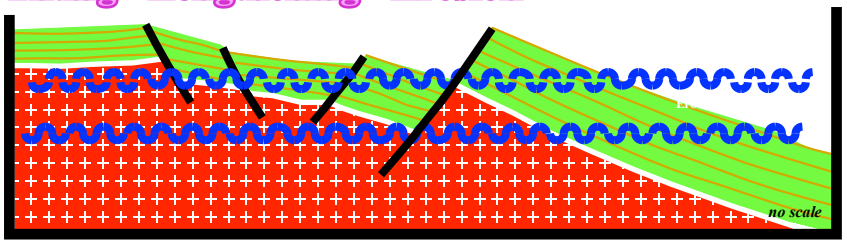
CCramez, adapted from a Petrobras Document (Celso Ponte)

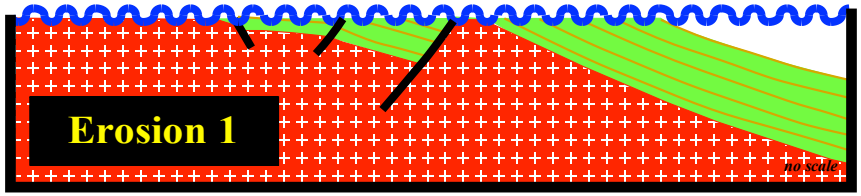
False Rift-type Basins

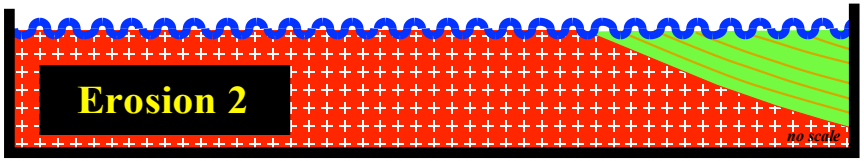
(offshore Pelotas)

Deposition & Subsidence

Tilting - Lengthening - Erosion



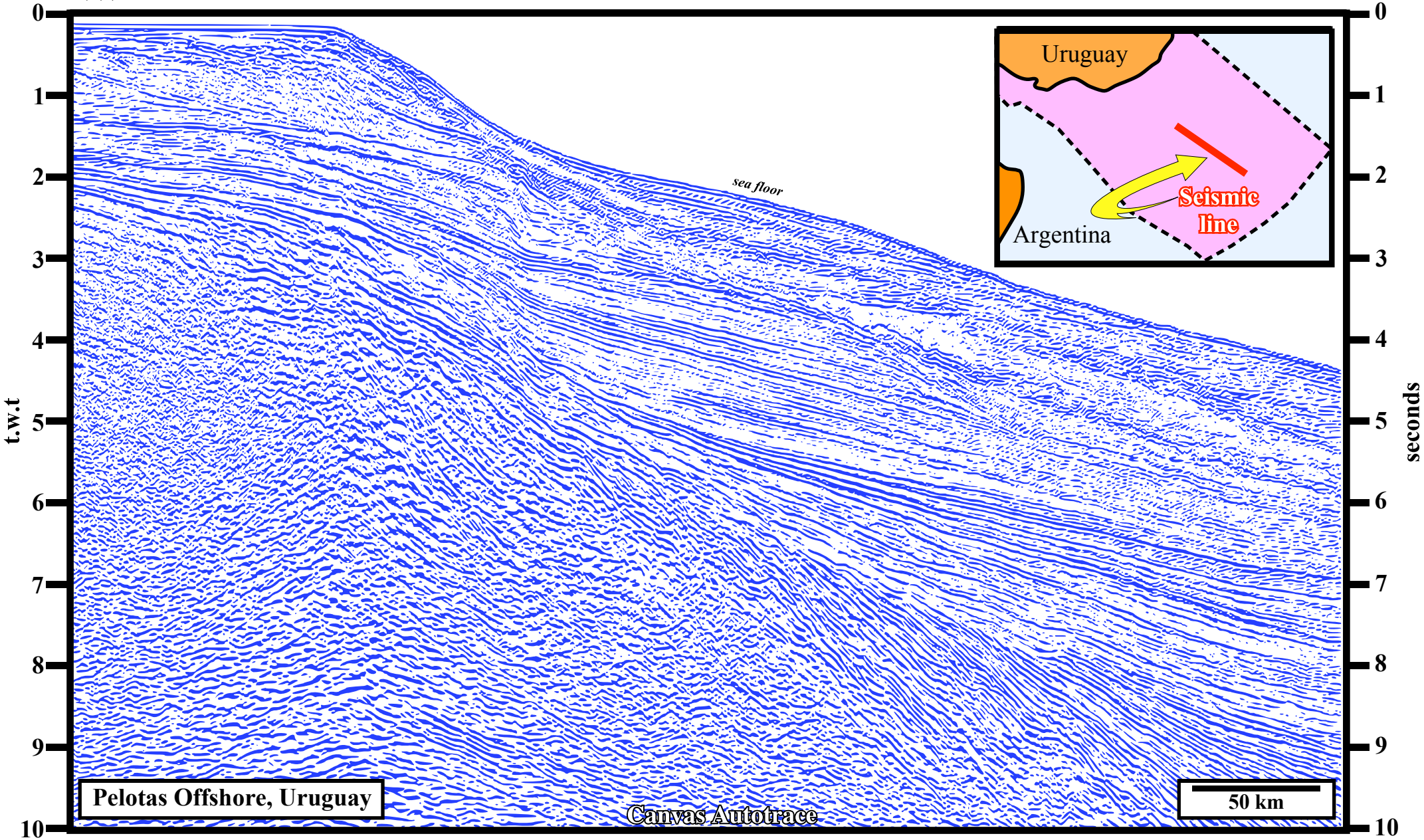




CCramez, adapted from a Petrobras document (Celso Ponte)

Uruguay Offshore

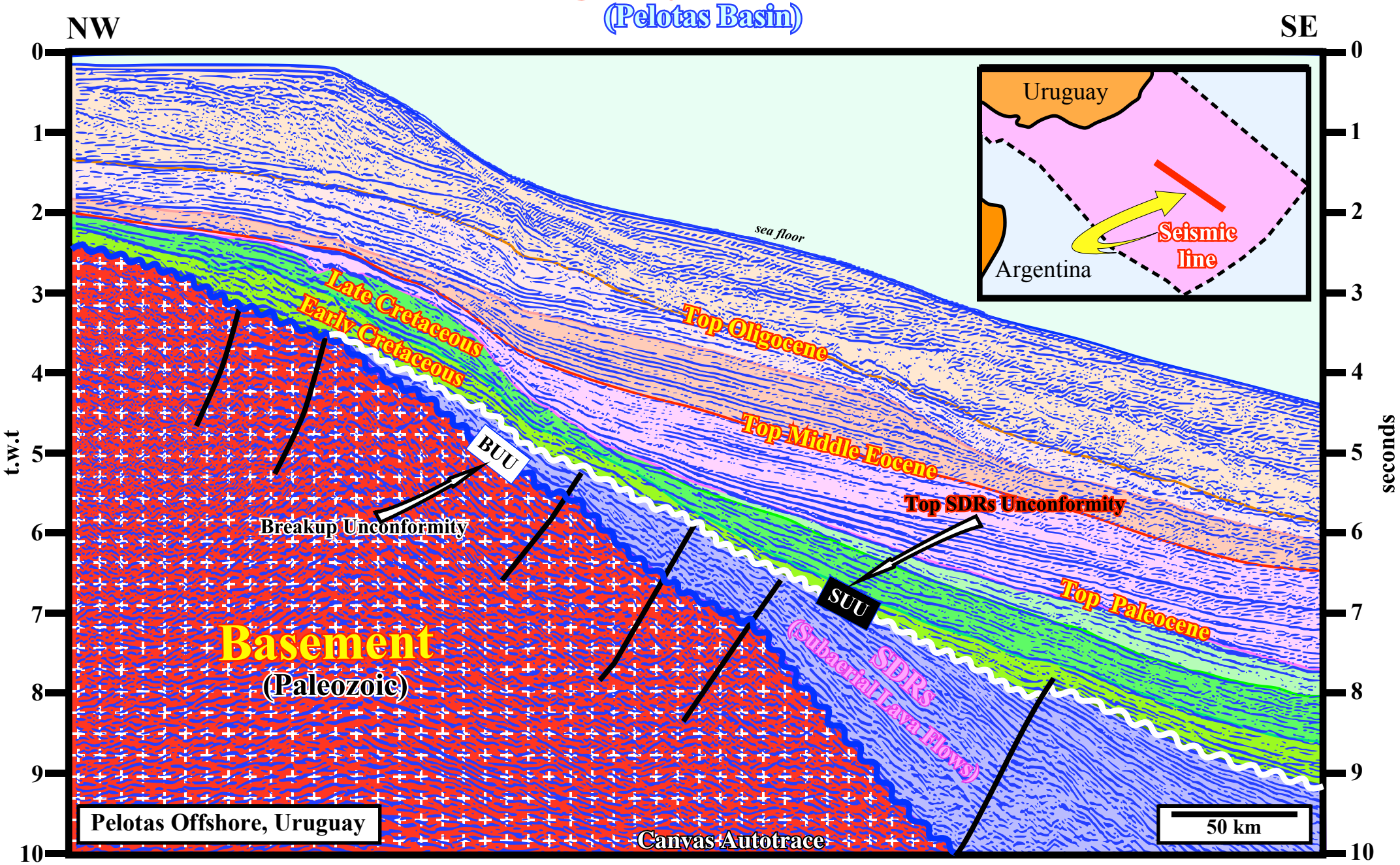
(Pelotas Basin)



YPF, 2014

Uruguay Offshore

(Pelotas Basin)

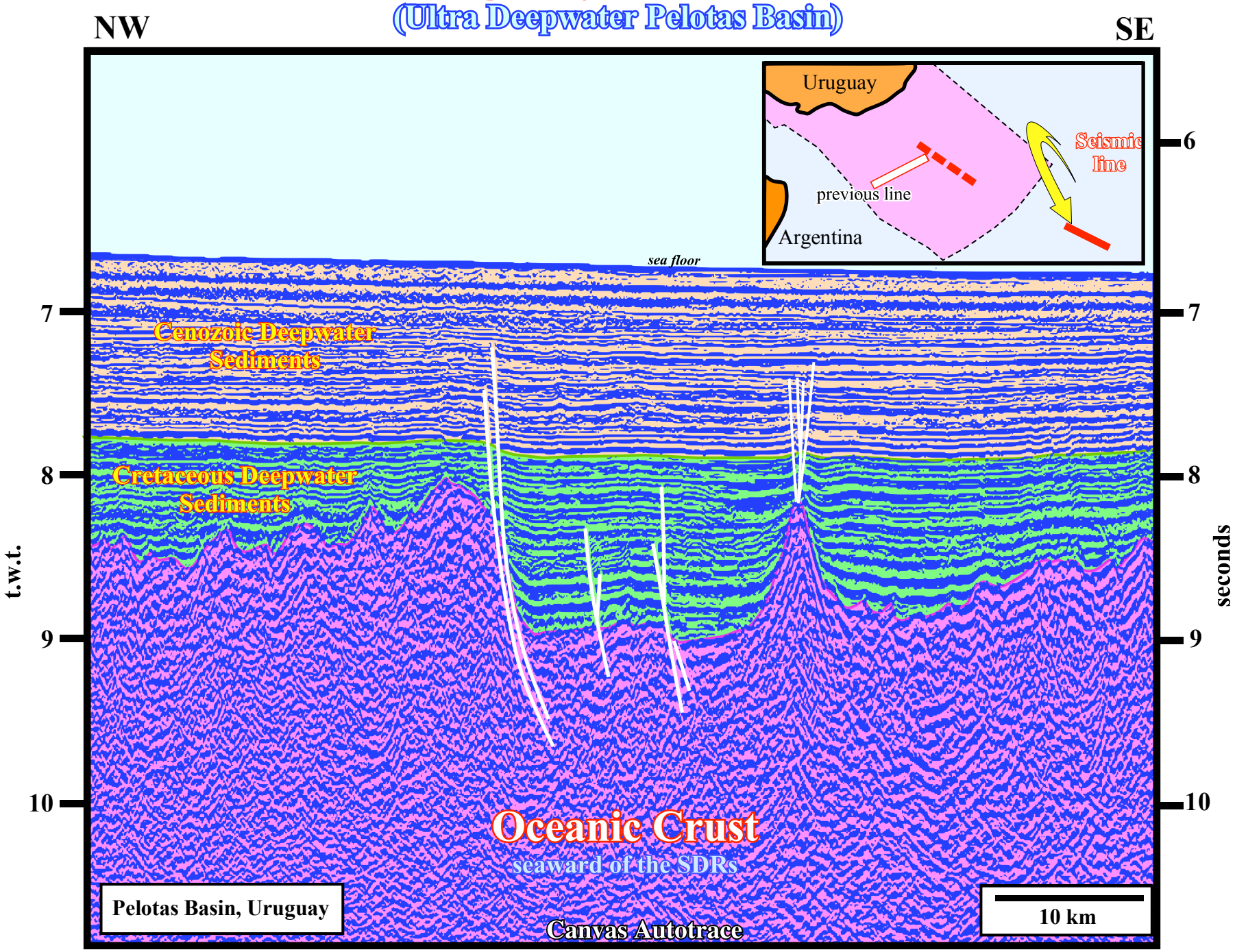


There are no evident rift-type basins and som the presence of an infra-SDRs generating petroleum subsystem is unlikely.

YPF, 2014

Uruguay Offshore

(Ultra Deepwater Pelotas Basin)



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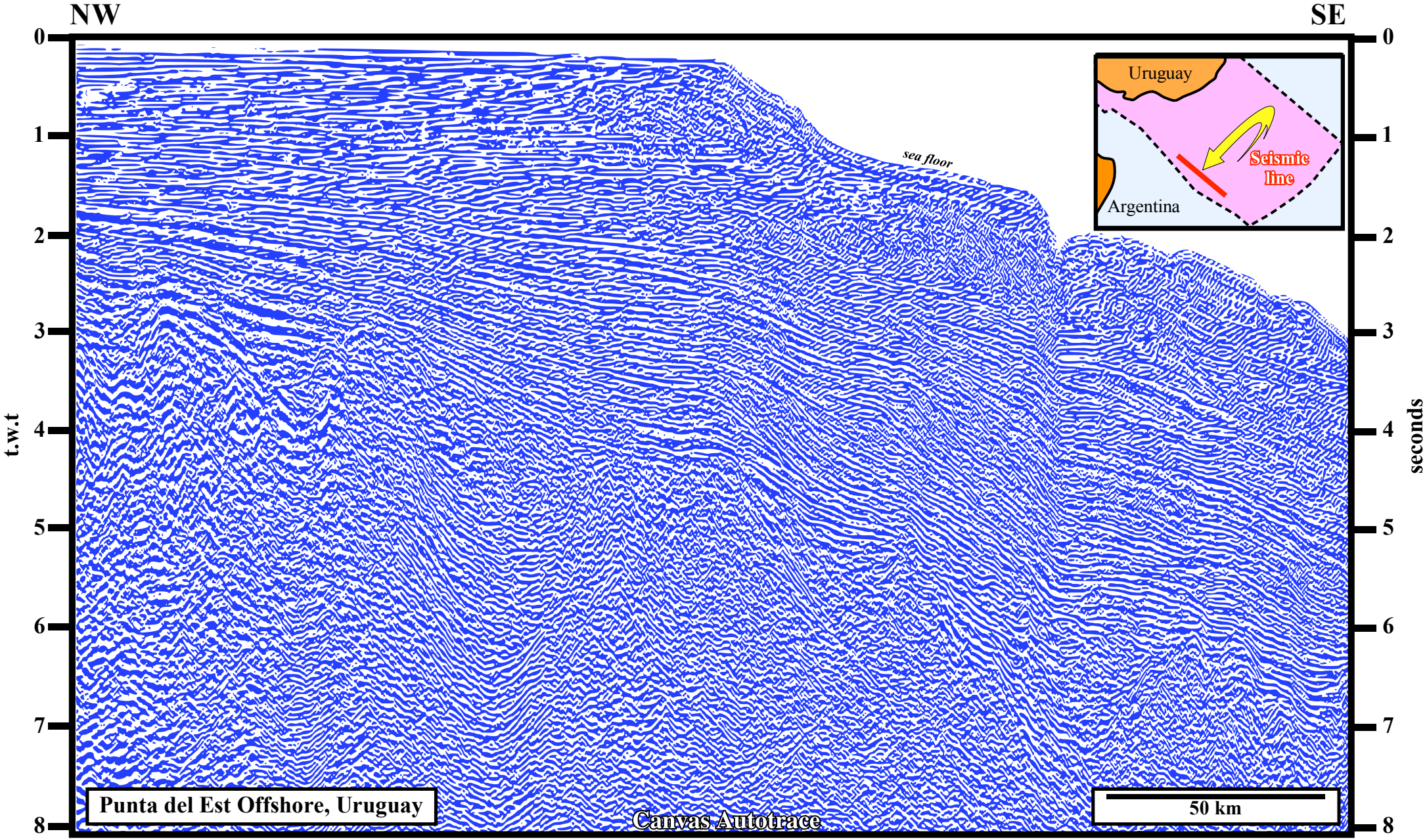
Uruguay Offshore

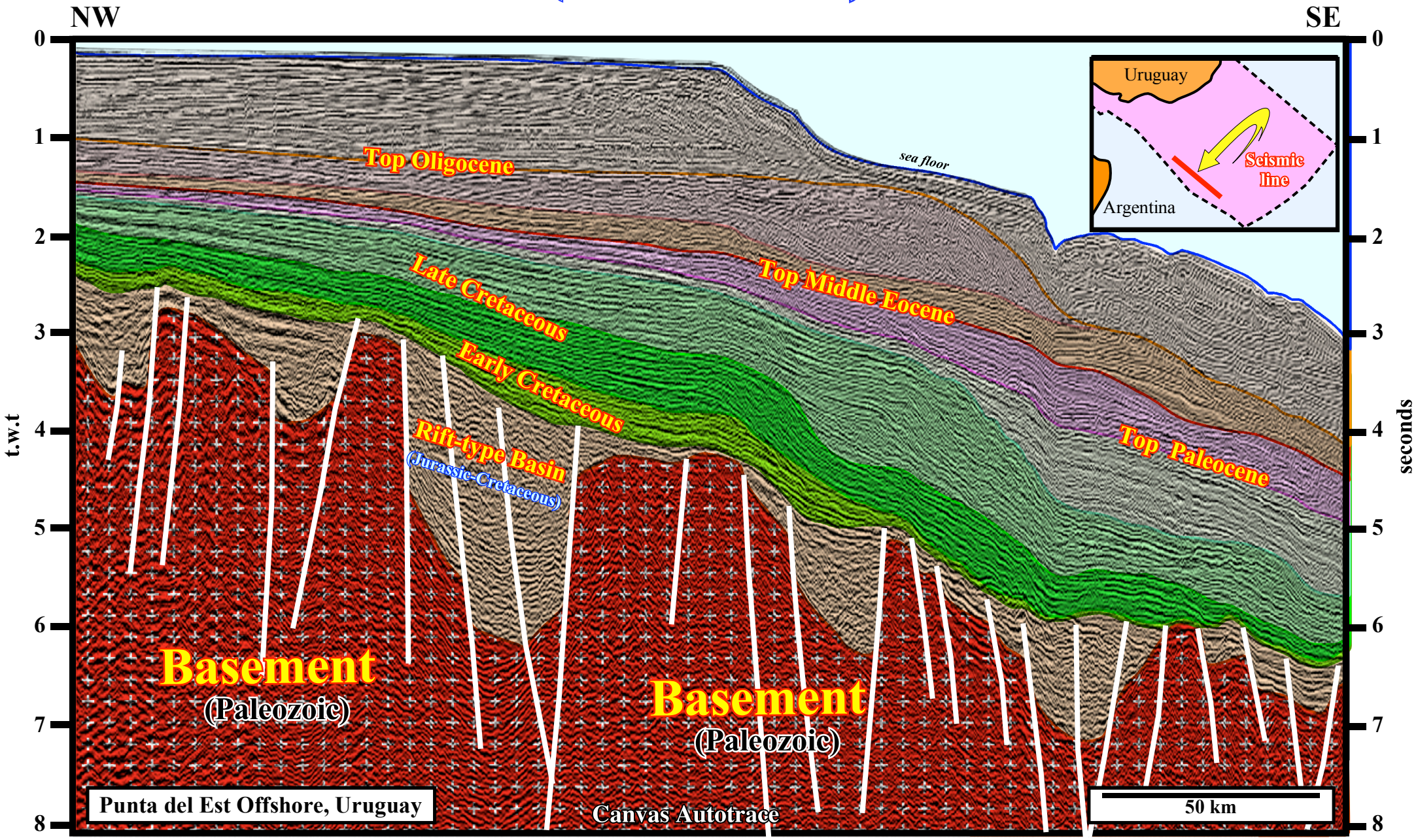
(Pelotas Basin)



YPF, 2014

Uruguay Offshore

(Punta del Est Offshore)



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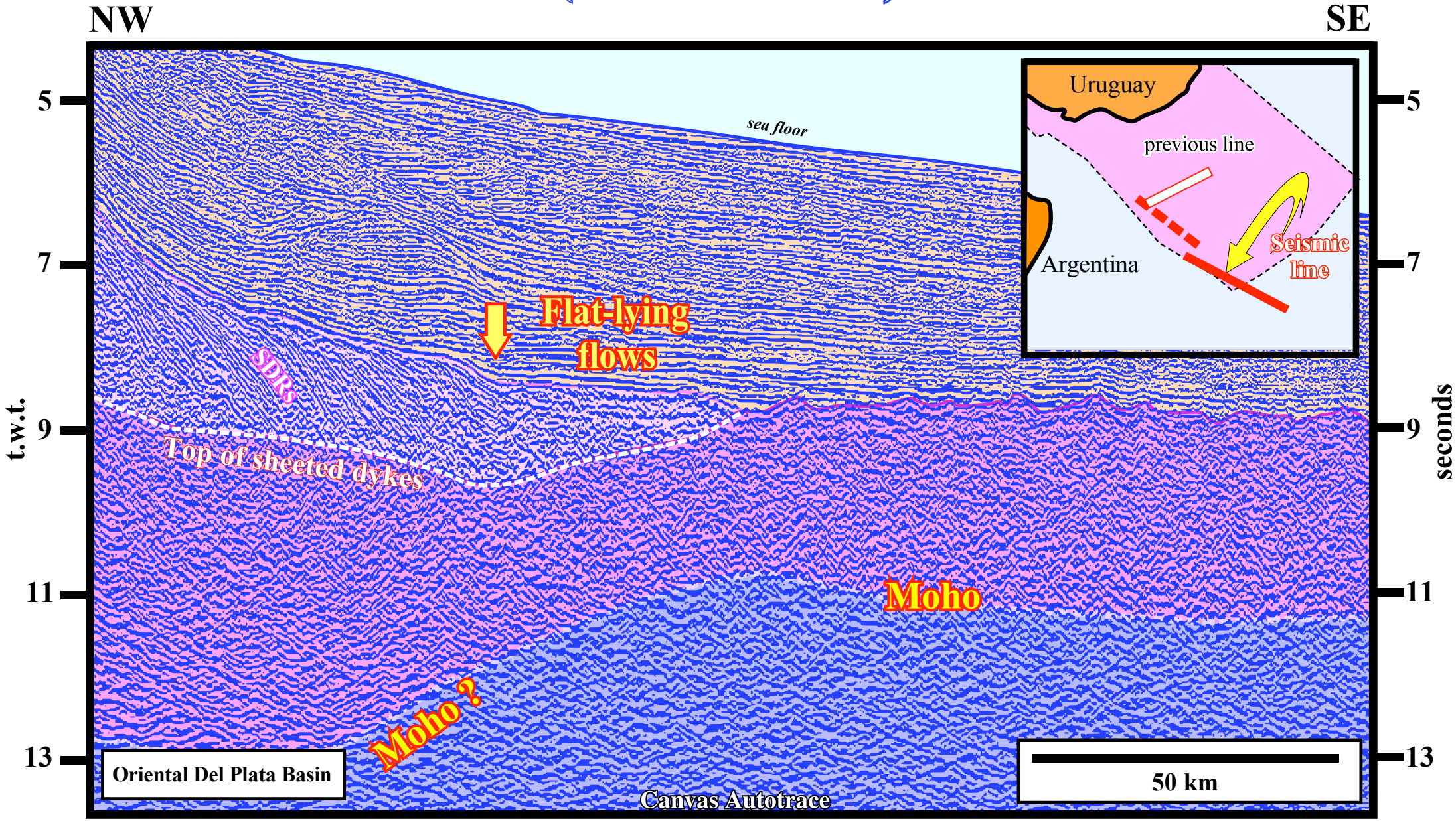
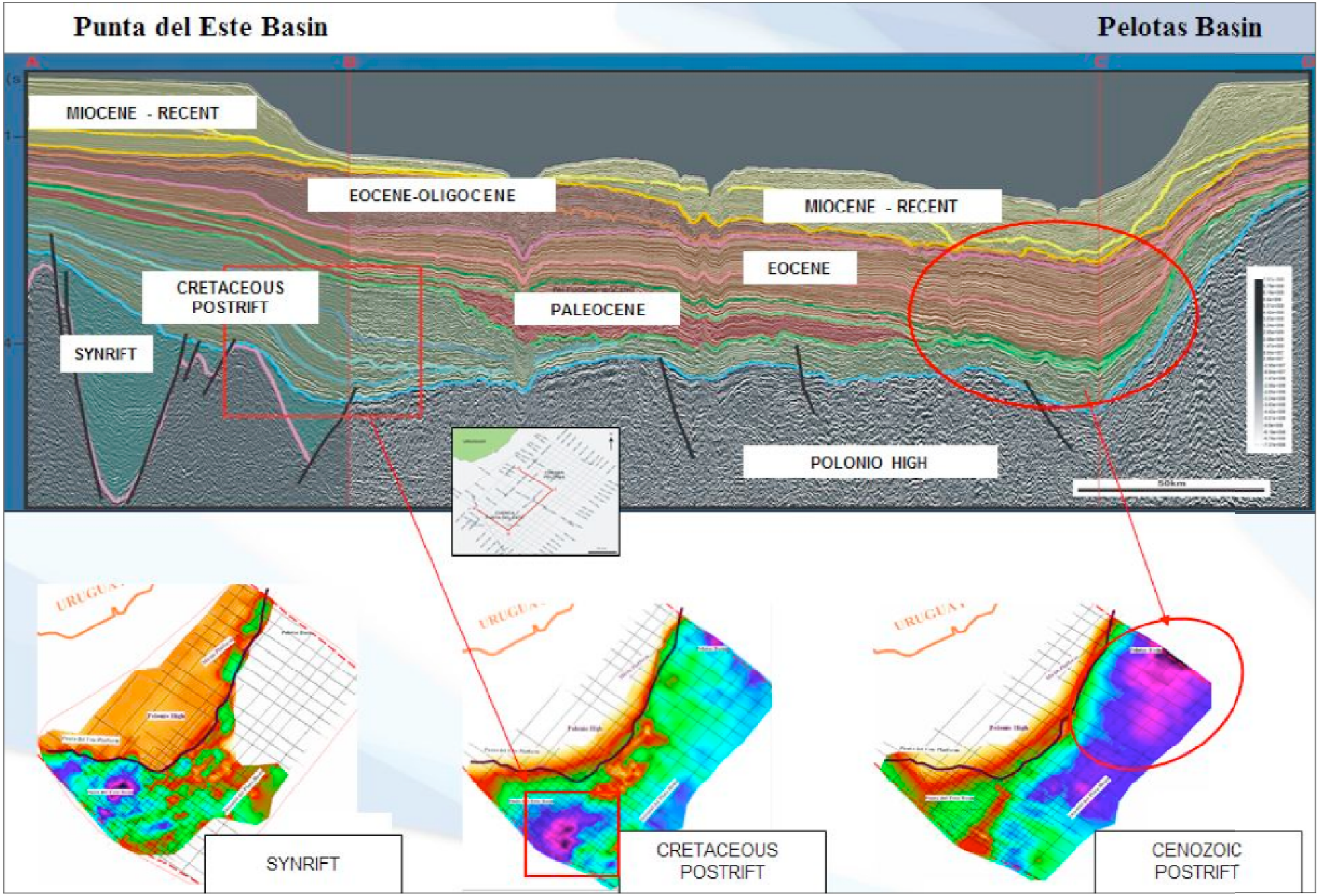
Uruguay Offshore

(Western Del Plata Basin)



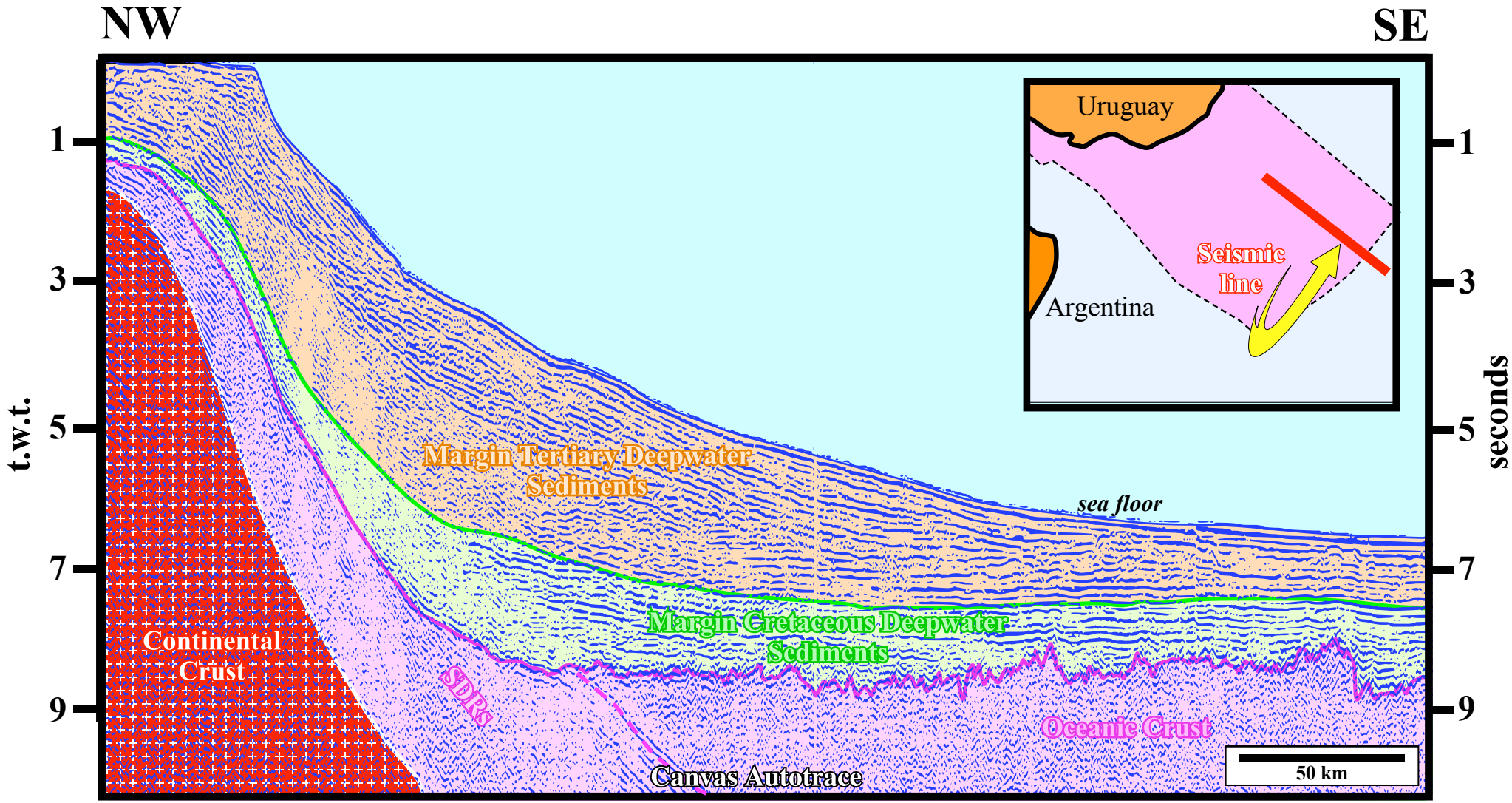
YPF, 2014


Punta del Este Basin
Pelotas Basin
MIOCENE - RECENT
EOCENE-OLIGOCENE
MIOCENE - RECENT
EOCENE
CRETACEOUS POSTRIFT
PALEOCENE
SYNRIFT
POLONIO HIGH
50km
URUGUAY
SYNRIFT
CRETACEOUS POSTRIFT
CENOZOIC POSTRIFT

YPF, 2014

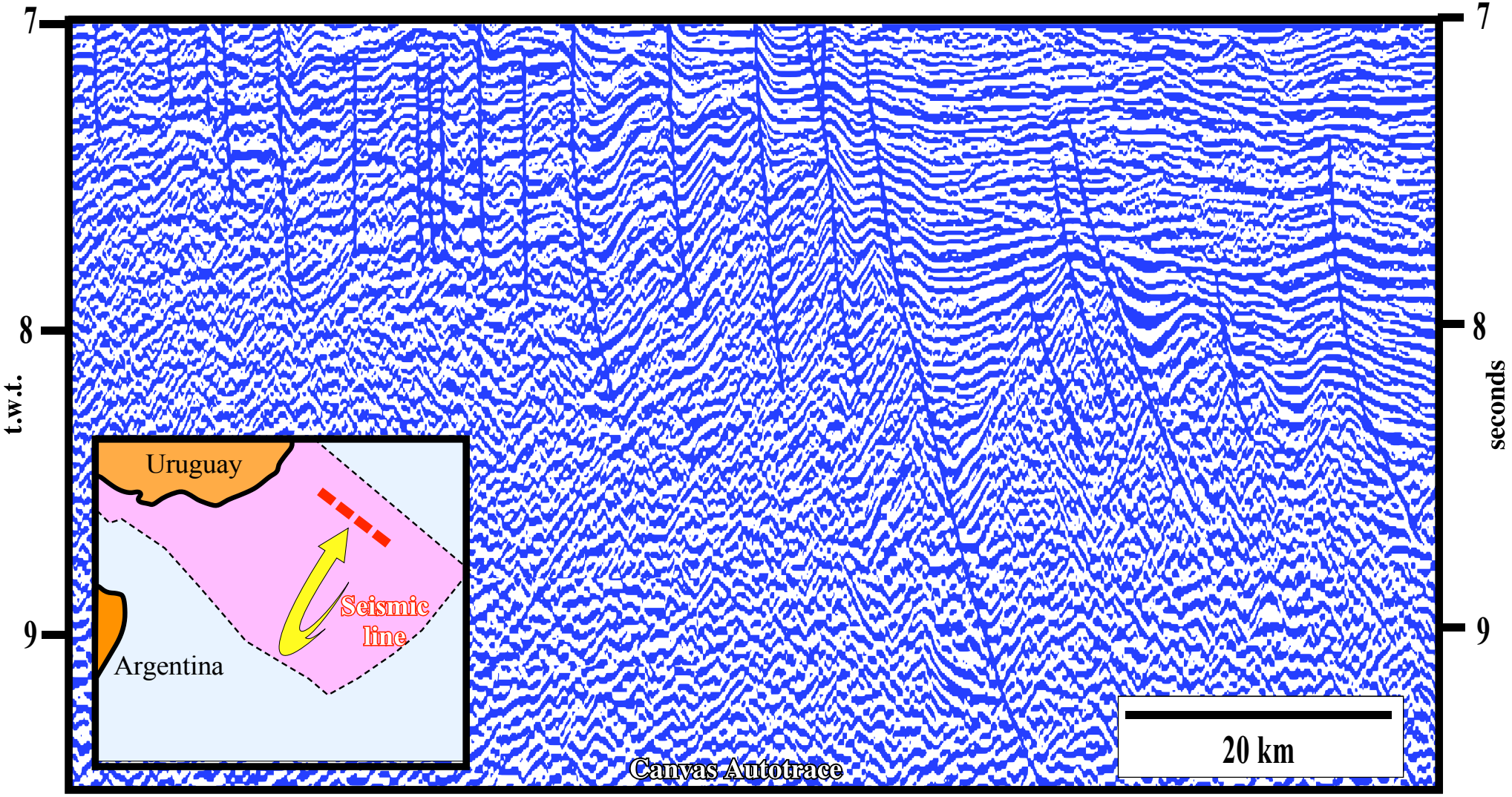
Uruguay Offshore

(Volcanic Atlantic Margin)



Uruguay Offshore

(Volcanic Atlantic Margin)



YPF, 2014