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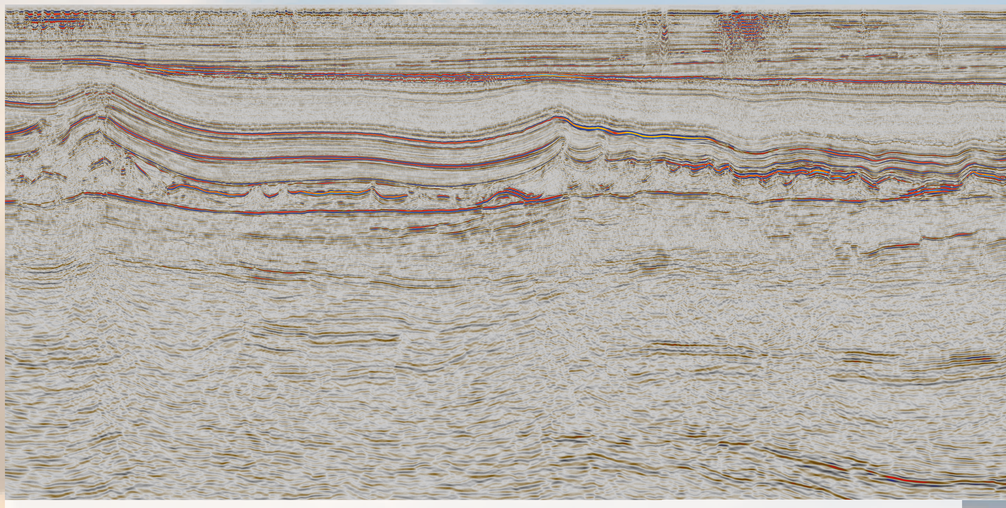
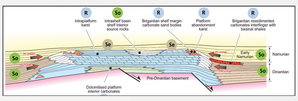
Ministry of Economic Affairs

Prospectivity review

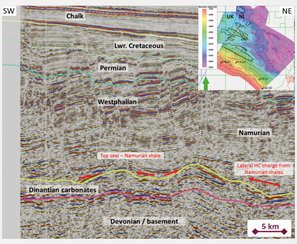


Prospectivity review of the Dinantian Carbonates in the Southern North Sea

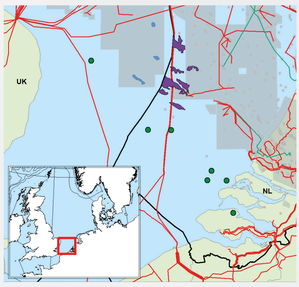
Trap	(Faulted) carbonate platform
Reservoir	Dinantian carbonates (karstified/fractured)
Seal	Namurian shales
Source	Dinantian/Namurian shales (lateral migration)



Key elements of the Dinantian carbonates play. (Total, 2007)



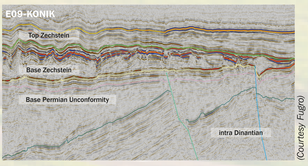
Seismic section showing Dinantian carbonate lead.



Map showing the cluster of Dinantian leads, straddling the UK – Netherlands median line. Green dots indicate wells that drilled Dinantian strata. Grey shaded polygons indicate licensed blocks.

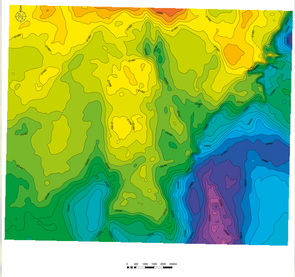
A lead in the Northern Offshore of the Netherlands
E09- Konik

Trap	Closure at Top Carboniferous level
Reservoir	Carboniferous (possibly Rotliegend)
Seal	Zechstein/Silverpit
Source	Dinantian/Namurian shales from West or Westphalian coals from East (Step Graben)
Critical factor	Reservoir development and structural closure



Seismic line showing E09- Konik lead.

(Courtesy Fugro)



Outline lead E09-Konik.

For all information and data on Exploration and Production in the Netherlands, see the Netherlands Oil and Gas Portal

www.nlog.nl & www.ebn.nl

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