

# PETROLEUM GEOLOGISCHE KRING



## KONINKLIJK NEDERLANDS GEOLOGISCH MIJNBOUWKUNDIG GENOOTSCHAP **PGK**

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<b>Venue:</b>	PGK's monthly meetings are held at the KIVI building, Prinsessegracht 23, Den Haag. Drinks are served from 17:00 hrs; the lecture starts at 18:00hrs.		<a href="http://www.pgknet.nl">www.pgknet.nl</a>
<b>Membership:</b>	Apply for membership by contacting the secretariat. The annual fee is €15.-		
<b>Accounts:</b>	Fortis Bank: 88.65.82.733 (PGK, Den Haag)		

## OCTOBER 2007 NEWSLETTER

### 17 OCTOBER

The next PGK meeting will be on **Wednesday, October 17, 2007**. The programme will be as follows:

- 17:00-18:00 hrs: Social hour  
18:00-19:00 hrs: Lecture by Mr. Richard Swarbrick



*“Conditions for seal breach, fluid expulsion and a mud volcano in East Java”*

*See abstract on other side*

### NOVEMBER MEETING

The November meeting is the annual PhD-symposium and takes place on **Wednesday, November 14, 2007**.



# PETROLEUM GEOLOGISCHE KRING

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**Monthly meeting:** Wednesday 17 October 2007  
**Address:** KiVi, The Hague  
**Social hour:** Between 17:00 and 18:00 hrs  
**Lecture:** 18:00-19:00

**Title:** *“Conditions for seal breach, fluid expulsion and a mud volcano in East Java”*

## **ABSTRACT**

High pore fluid pressures in sedimentary basins are sufficient to create fractures allowing water and any trapped hydrocarbons to re-migrate to shallower levels, sometimes to the surface. Beneath the surface seismic data reveal evidence of these re-migrating fluids (for example as sandstone injections and gas chimneys), whilst at the surface vents, pock-marks and other fluid and rock phenomena testify to expulsion. In East Java water and mud began erupting at the surface on 29<sup>th</sup> May 2006 creating a mud volcano close to the location of an exploratory borehole. The eruption is continuing to expel up to 150,000 m<sup>3</sup> of mud daily, having flooded a wide area of the surrounding land and displaced up to 30,000 people. The talk will review the conditions necessary for such an event, as well as the local consequences, based on a field visit to the area.

## **OPEN POSITIONS**

In order to strengthen our position as operator in The Netherlands, Wintershall Noordzee B.V is looking for candidates with relevant experience in petroleum engineering, physics or earth sciences.

At our head office in Rijswijk we have vacancies for:

*Reservoir Engineers, Petrophysicists, Geophysicists, Geologists, Drilling Engineers and Well Services Engineers.*

In case you are interested in a function in our organisation (either local or international), please contact : Rachel de Munck, Human Resources Department, phone: +31 (0)70 358 3136, [Rachel.de-munck@wintershall.com](mailto:Rachel.de-munck@wintershall.com) or send your application letter and detailed resume to the above email address. Applications will be treated in strictest confidence.

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