

PETROLEUM GEOLOGISCHE KRING

KONINKLIJK NEDERLANDS GEOLOGISCH MINBOUWKUNDIG GENOOTSCHAP



Secretary:	Frank van den Belt Panterra Geoconsultants BV Veerpolder 5, 2361KX	Treasurer:	Mat De Jong 023-5322645
Phone / Fax:	Warmond	Fax:	023-5517044
E-mail:	071-5226211 (evening) secretary@pgknet.nl	E-mail:	mat_de_jong@planet.nl
Venue:	PGK's monthly lectures are held at the KIVI building, Prinsessegracht 23, Den Haag. Drinks are served from 5 PM; the lecture starts at 6 PM.	www.pgknet.nl	
Membership:	Apply for membership by contacting the secretariat. Euro 15,-		
Accounts:	VSB Bank: 88 65 82 733 (PGK, Haarlem)	Postbank: 4074482 (PGK, Haarlem)	

FEBRUARY NEWSLETTER

20 FEBRUARY: ANNUAL MEETING

The annual meeting will be held on Wednesday 20 February 2002. The meeting is scheduled as followed:

- 17:00 hrs: Social hour (Free drinks)
- 17:30 hrs: Annual Meeting (Agenda below)
- 18:15 hrs: Lecture by A. Hofmann (VEBA Oil & Gas Netherlands)
- 20:00 hrs: Annual dinner (Restaurant Luden, The Hague, EUR 25,-)

Annual meeting

17:30 hrs: Opening, Secretary's report, Treasurer's report, Financial Audit Commission's report, Other Subjects, Installation of the New Board, Closing.

Lecture

THE HANZE FIELD THE FIRST CHALK OIL FIELD DEVELOPMENT IN THE DUTCH NORTH SEA
A.P.Hofmann (Veba Oil & Gas Netherlands BV)

ABSTRACT - In 1996 the most southerly North Sea chalk oil field was discovered in Block F2 of the Dutch North Sea by the German oil company RWE-DEA. The discovery well F2-5 encountered a 37° API oil in a clean, porous and intensely naturally fractured chalk. The Early Paleocene Ekofisk formation and the Upper Maastrichtian Tor Formation constitute the reservoirs in a crestal position on top of a Zechstein salt piercement. The field was successfully appraised by well F2-6 in 1997 and subsequently the field development was initiated. The initial total oil in place was estimated at 125 MMSTB. The reservoir is approx. 80 bar overpressured and the oil is undersaturated. The field was named Hanze after the late Middle age trade treaty uniting the major Scandinavian, German and Dutch cities at the Baltic and the North Sea.

In 1998 Veba Oil & Gas Netherlands B.V. took over the field operator ship and an EPIC (Engineering, Procurement, Installation, Commissioning) contract for the construction of the oil storage and gravity base (GBS) and the integrated production deck was awarded to Hyundai Heavy Industries from South Korea. An additional EPIC contract for the development was undertaken by Coflexip and Stena Offshore International (CSO) covering the oil and gas export lines, control umbilicals and tanker mooring and loading systems. Both major construction activities were completed by August 2001 when oil production and water injection of the GBS displacement water commenced from one horizontal producer. By end of 2001 two horizontal wells were producing at a maximum platform rate of 31,500 bbls oil /day.

Although the Hanze field is considered as a marginal oil field the project is economic. "State of the art" technologies were consequently applied in the course of the well planning and the drilling process. The integrated asset team successfully delivered the field development work within tight cost and schedule constraints. The application of real time drilling monitoring, compliant G&G computer software systems and "Modeling While Drilling" technologies enabled Veba Oil & Gas to optimize the horizontal well trajectories in the reservoir. The "3D all the way" chain from seismic interpretation to geo-steering at the well site significantly enhanced the efficiency of the inter-disciplinary specialist groups and facilitated the visualization of the subsurface model. Batch-drilling was performed and generated substantial cost savings. The successful implementation of PSI (Perforation, Stimulating, Isolating) completions in the production and injection wells allow for efficient reservoir management.

How to register for the 'Annual Dinner'

You can register for the annual dinner (20 February) by sending an email to the secretary (secretary@pgknet.nl) or by phone (071-5226211, evening). Limited number of seats! Price: EUR 25,- Restaurant LUDEN, Frederikstraat 36, The Hague. From 20:00 hrs onwards.

Excursion

THE DOGGER AND MALM OF THE SOUTHEASTERN PARIS BASIN

The annual field trip will be run from Friday 31 May until Sunday 2 June. The excursion leaders are Jean-Pierre Garcia (Univ. de Bourgogne, Dijon) and Gerard Sambet (TotalFinaElf, The Hague). We will visit Middle and Upper Jurassic carbonates in the area between Chatillon sur Seine and Tonnerrein (NW of Dijon, south of Troyes). We will stay at a comfortable hotel, with all the modern facilities and serving very good food and wines. The trip may include visits to the Reims cathedral and the Chablis or Champagne vineyards. Price: to be published next month.

Register..... with Evert Breman, excursion secretary.

Email: e.breman@tierralinda.demon.nl or by phone: 0252-544779 (evening); Only personal registrations accepted (so no registrations on behalf of others).

MEMBERSHIP

The membership dues for 2002 are €15,- as agreed on the annual meeting of 2001. Please use the enclosed 'Acceptgirokaart' to pay dues. Please make sure that you fill out your name and address! We received an application for membership by R. Dalman.

Thanks to our sponsors in 2001!

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