



Fact sheet Woubrugge

Stranded fields - Q4 2009



Location map of the Woubrugge oil field

General information

The Woubrugge oil field was discovered in 1966 by NAM by well Woubrugge-01-sidetrack1 (WOB-01-S1). The field contains oil in a single sandstone layer of the Delfland subgroup (SLD). The Woubrugge structure is fault and dip closed. The oil field is situated in the West Netherlands Basin. The Woubrugge field is located in the Rijswijk concession of the NAM.

Regional information on the sedimentology and the structural configuration of the area is available in Map sheet VIII: Amsterdam Gorinchem.

Sequence of events

Date	Event
03-01-1955	Production license Rijswijk granted (NAM)
20-03-1957	Production license area expanded with ca 1900 km ² (NAM)
04-05-1966	Spud date Woubrugge-01
23-06-1966	Sidetrack #1 (Kickoff 1438 m ah)
19-10-1966	TD reached 3801 m ah
4/23-11-1966	DST's 1000.4 - 3262 m ah (SLD, ROSL & DC)
07-06-1979	Production license area expanded with ca 25 km ² (NAM)

Plug data

Depth m	Porosity %	Horizontal permeability mD	Grain density g/cm ³	Stratigraphy
854.3	23.5	152	2.64	SLDNA
869.4	23.5	609	2.64	SLDNA
870	22	291	2.65	SLDNA
881.7	22.5	321	2.65	SLDNA
883.8	21	319	2.64	SLDNA
895.6	9	3.1	2.65	SLDNA
895.9	15.8	104	2.65	SLDNA
899.6	25	554	2.65	SLDNA
908.6	24.5	735	2.65	SLDNA
917.6	20	55	2.65	SLDNA
925.5	24.5	735	2.65	SLDNA
943.3	17.1	11.6	2.65	SLDNA
2869.7	6.9		2.68	DCDH
2871.6	6.7		2.71	DCDH
2873.1	9.9		2.68	DCDH
3129.1	6.7		2.68	DCCR
3130.6	7.2	1.4	2.66	DCCR
3131.8	4.7		2.71	DCCR

More detailed information of this interval is available

Reservoir data

Geological unit RGD & NOGEPa (1993)	Top m ah	Base m ah	Net m ah	N/G %	Porosity %
Delfland Subgroup (SLD)	562 m ah	1096 m ah	10 - 15		20 - 30

Hydrocarbon specifications

Reservoir	GHV MJ/m³
Delfland Subgroup ¹ (SLD)	36.04

¹Characteristics of associated gas

Volumes

Reservoir	STOIP 10⁶ m³	Reserves 10⁶ m³		
		Proven	Expected	Possible
Delfland Subgroup (SLD)	0,5 - 1			

Well status

Woubrugge-01-S1: Plugged and abandoned

Public References

TNO-NITG 2002. Geological Atlas of the Deep subsurface of the Netherlands. Map sheet VII: Noordwijk-Rotterdam, Map sheet VIII: Amsterdam Gorinchem. Utrecht.
RGD & NOGEPa 1993, Stratigraphic nomenclature of the Netherlands, Mededelingen Rijks Geologische Dienst, Nr. 50

NAM 1966: Composite well log, [Woubrugge-1](#). *On open file*

For more information stranded Oil&Gas fields in the Netherlands:

<http://www.nlog.nl/nl/reserves/reserves/stranded.html>

For released Well data and Seismic data contact DINOloket:

<http://www.dinoloket.nl>

For geological maps of the deep subsurface of the Netherlands:

http://www.nlog.nl/nl/pubs/maps/geologic_maps/NCP1.html

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