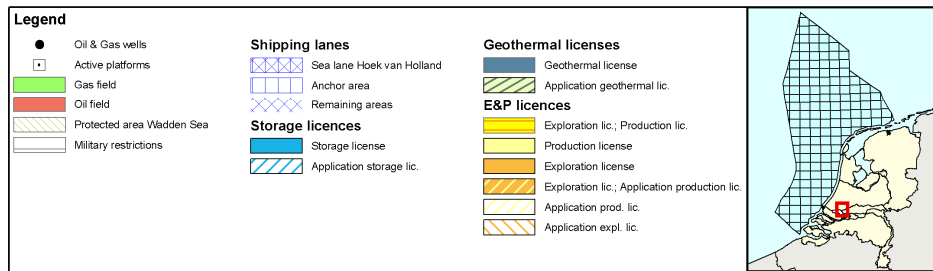
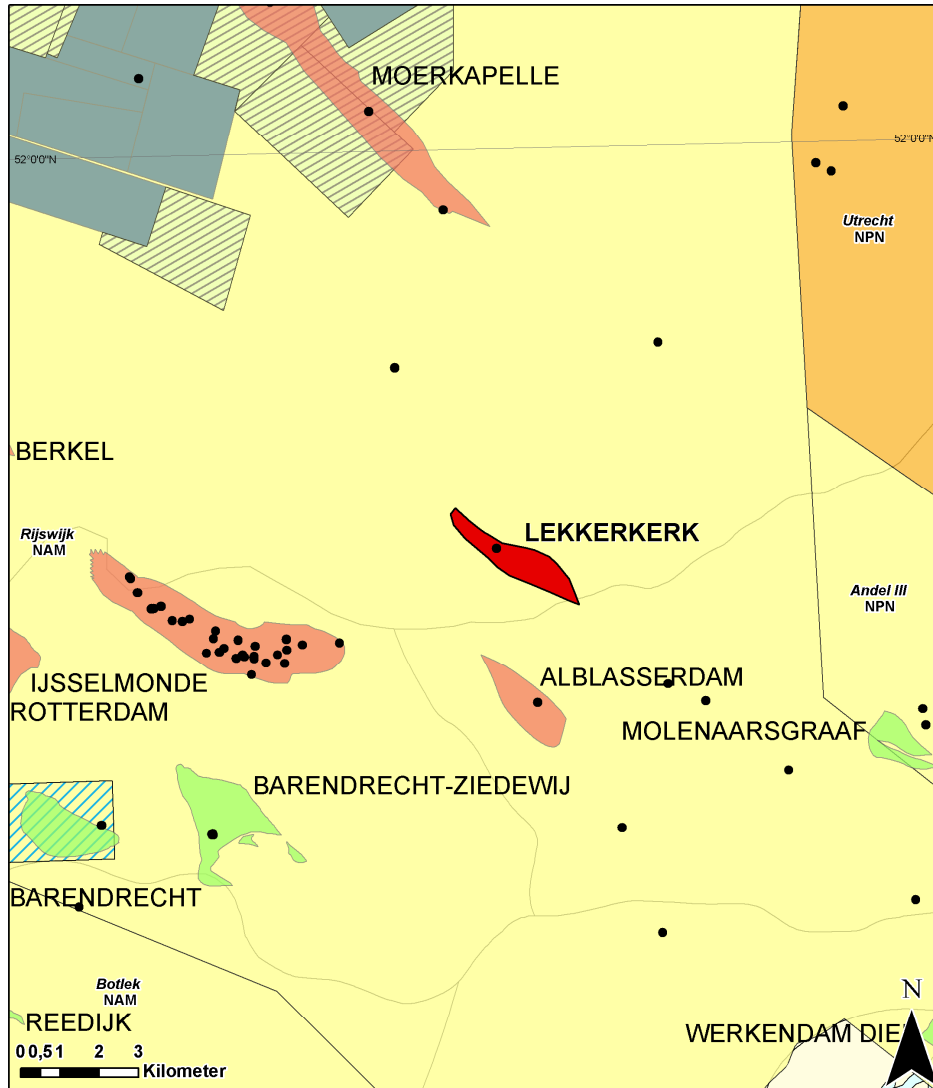




# Fact sheet Lekkerkerk

## Stranded fields - Q4 2009



Location map of the Lekkerkerk oil field

### **General information**

The Lekkerkerk oil field was discovered in 1959 by NAM. The field contains oil in (stacked) reservoirs of the Delfland Subgroup. The oil field is situated 15 km's east of Rotterdam, on the boundary of the West Netherlands Basin and the Roer Valley Graben. The field is tested at several reservoir levels in de Delfland Subgroup. The field is not producing and currently situated in the Rijswijk concession of NAM.

Regional information on the geology, including sedimentology and the structural configuration, of the area is available in map sheet VII-VIII Noordwijk-Rotterdam, 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 <sup>2</sup> (NAM)
22-09-1959	Spud date Lekkerkerk-01
28-10-1959	TD reached (1965 m ah)
02-11-1959 / 05-04-1960	DST's (1454.0-1006.2 m ah)
07-06-1979	Production license area expanded with ca 25 km <sup>2</sup> (NAM)

### **Reservoir data**

Geological unit	Top m ah	Base m ah
RGD & NOGEPA (1993)		
Delfland Subgroup (SLD)	813	1362

### **Plug data**

Depth m ah	Porosity %	Horizontal Permeability mD	Density g/cc
764.2	21	2	2.67
765.3	37	450	2.51
765.5	36	435	
766	37	1044	
770.3	21	108	2.68
770.7	23		2.67
771.2	22	22	2.66
793.6	25	37	2.67
894.2	26	80	
894.6	34	1050	
966.1	36	794	
1001.2	19	18	3.09
1114.2	10	0.3	2.76

### **Volumes**

Reservoir	STOIP 10 <sup>6</sup> m <sup>3</sup>	Reserves 10 <sup>6</sup> m <sup>3</sup>		
		Proven	Expected	Possible
Delfland Subgroup (SLD)	1 - 2	-	0 - 0,5	-

### **Well status**

LEK-01, Abandoned

### ***Public References***

RGD 1996, Biostratigrafisch interpretatie van een Jurassisch traject (1350-1744m) van boring LEK-01 (Lekkerkerk, kaartblad VII), rap. nr. 640 & 2314

RGD & NOGEPa 1993, Stratigraphic nomenclature of the Netherlands, Mededelingen Rijks Geologische Dienst, Nr. 50

TNO-NITG 2002. Geological Atlas of the Deep subsurface of the Netherlands. Map sheet VII: Noordwijk-Rotterdam, Map sheet VIII: Amsterdam Gorinchem. Utrecht.

NAM 1961: Composite well log (CWL), LEK-01. *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](http://www.nlog.nl/nl/pubs/maps/geologic_maps/NCP1.html)*

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