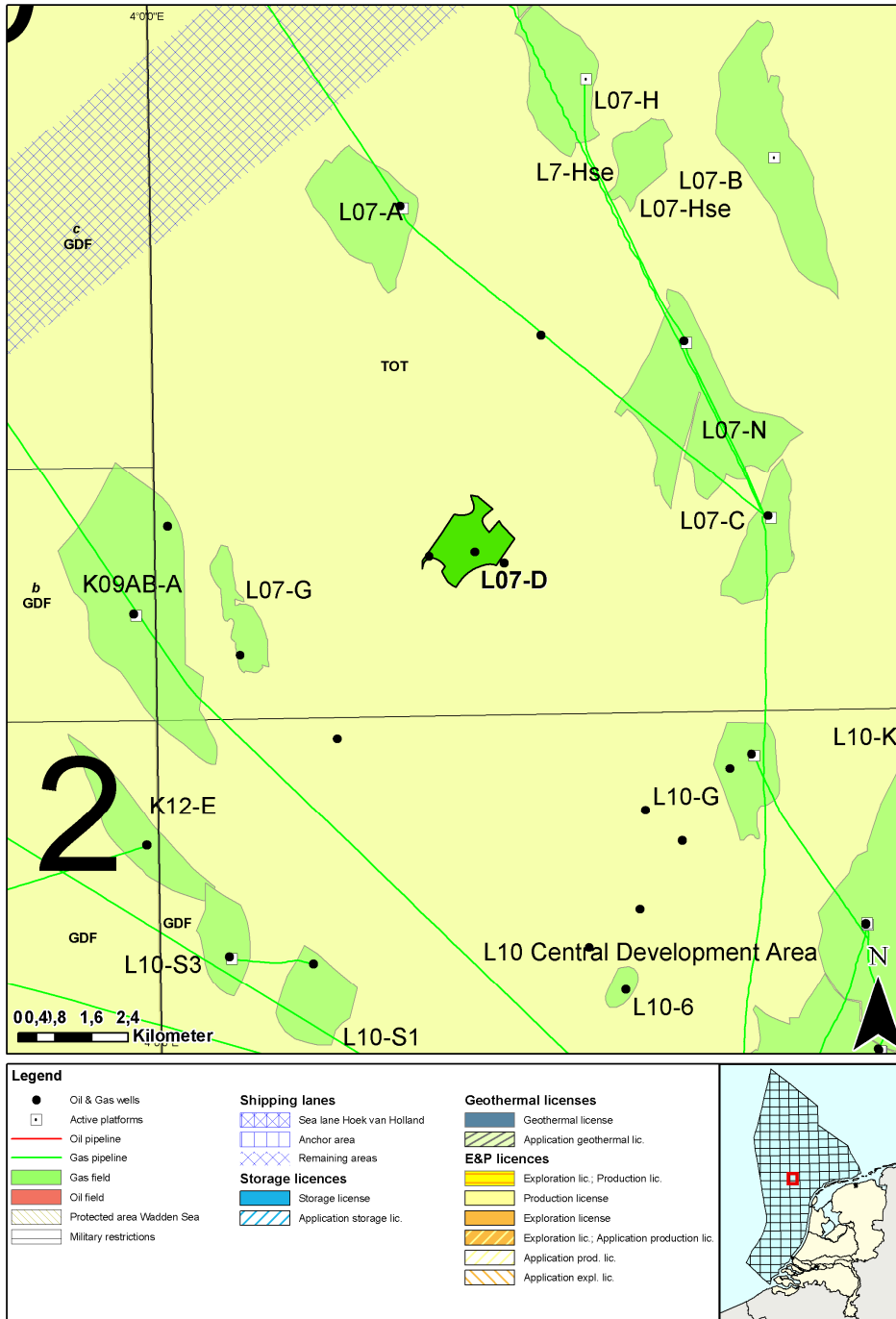




Fact sheet L07-D

Stranded fields - Q4 2009



Location map of the L07-D gas field

General information

The L07-D gas field was discovered in 1974 by Elf Petroland by well L07-05. It is situated in the L07 production license of TOTAL. The field is located in the Central offshore platform, close to the most northern edge of the Broad Fourteens Basin. The gas is trapped in the sandstones of the Slochteren Formation (ROSL), beneath the clay of the Ten Boer member. In 1975 an appraisal well was drilled by Elf Petroland (L07-07). In 1995 a production well was drilled (L07-D-01). The target reservoir appeared to be located much lower than expected. Complete results of pressure tests are available on the composite well log of L07-05.

The Slochteren sandstones (ROSL) reservoir comprises mainly aeolian sediments and fluvial sediments. The field has not been developed and currently lies in TOTAL acreage.

Sequence of events

Date	Event
10-04-1968	Exploration license L07 effective (Petroland)
23-12-1973	Spud date L07-05
03-03-1974	Well completed
Feb/Mar-1974	DST's (ROSLU & ROSLL)
04-02-1975	Spud date L07-07 (appraisal)
05-04-1975	Well completed
20-06-1975	Production license K06&L07 effective (Petroland)
18-07-1995	Spud date L07-D-01 (production; dry)
12-08-1995	Well completed

Reservoir data

Geological unit	Top m ah	Base m ah	Net m ah	N/G %	Porosity %
RGD & NOGEPA (1993)					
Upper Slochteren Member (ROSLU)	3599,5	3694,5	± 70	± 75	15 - 20
Lower Slochteren Member (ROSLL)	3752	3862	± 70	± 80	

From CWL

Hydrocarbon specifications

Reservoir	CH ₄ %	CO ₂ %	N ₂ %	H ₂ S %	GHV MJ/m ³
Slochteren Formation (ROSL)	86,14	1,66	4,92	0	39,77

Volumes

Reservoir	GIIP 10 ⁹ m ³	Reserves 10 ⁹ m ³		
		Proven	Expected	Possible
Slochteren Formation (ROSL)	0 – 0,5		0 – 0,5	

Productivity

Four DST's have been executed in well L07-05 (ROSLU and ROSLL). However, the results on the CWL are barely readable.

Well status

L07-05: Plugged and abandoned

L07-07: Plugged and abandoned

L07-D-01: Plugged and abandoned

Infrastructure

The nearest platform is: L07-C from TOTAL 5,5 kilometers to the east. The nearest pipeline (shortest distance rectangular to the pipeline) is located approximately four kilometers to the northeast.

Public References

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

ELF Petroland 1974: Composite well log; L07-05. *On open file*

ELF Petroland 1975: Composite well log; L07-07. *On open file*

ELF Petroland 1995: Composite well log; L07-D-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

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