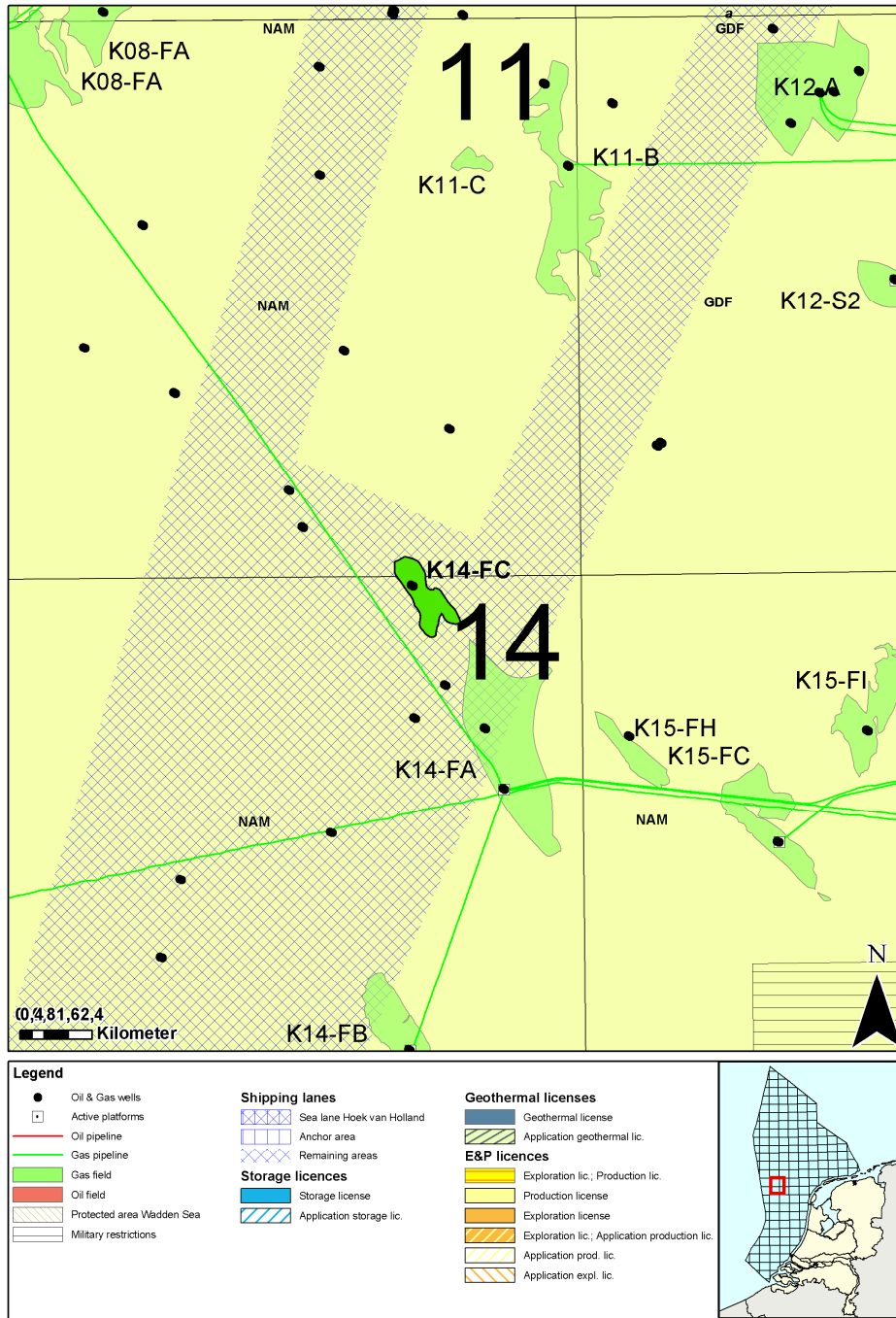




Fact sheet K14-FC

Stranded fields - Q4 2009



Location map of the K14-FC gas field

General information

The K14-FC gas field was discovered in 1991 by NAM by well K14-11. It is situated in the K14 production license, straddling the boundary with K11 (both NAM). The field is located in the Broad Fourteens Basin. The gas is trapped in the Upper Rotliegend Group (RO), beneath the Zechstein salt. Complete results of RFT's are available on the composite well log.

The field is contained in two tilted fault blocks. It has not been developed and currently lies in NAM acreage.

Sequence of events

Date	Event
03-01-1975	Production license K14 effective (NAM)
27-04-1991	Spud date K14-11
26-06-1991	TD reached 3131 m ah
29-06-1991	Sidetrack #1 (Kickoff 3040 m ah)
05-07-1991	TD reached 3307 m ah
06-07-1991	RFT's 3065,5 - 3286,5 m ah
14/16-07-1991	Production test (ROCLT)

Reservoir data

Geological unit	Top m ah	Base m ah	Net m ah	N/G %
RGD & NOGEPA (1993)				
Ten Boer Member (ROCLT)	3060	3072,4	± 10	± 80
Upper Slochteren Member (ROSLU)	3072,4	3177	± 100	± 95

Taken from CWL

Hydrocarbon specifications

Reservoir	CH ₄ %	CO ₂ %	N ₂ %	H ₂ S %
Upper Rotliegend Group (RO)	86,92	5,11	6,83	0

Volumes

Reservoir	GIIP 10 ⁹ m ³	Reserves 10 ⁹ m ³		
		Proven	Expected	Possible
Upper Rotliegend Group (RO)	0 - 0,5		0 - 0,5	

Productivity

Stratigraphic Formation	Interval m ah	Reservoir pressure in bar abs	CGR m ³ / 10 ⁶ m ³	WGR m ³ / 10 ⁶ m ³	Q well production at s.c. m ³ /d	Drawdown bar
Ten Boer Member (ROCLT)	3060 - 3082	287,2 (at 3025 m ah)	0	9	258 000	50

Well status

K14-11-s1: Plugged and abandoned.

Infrastructure

The nearest platform is: K14-FA-1 of NAM, seven kilometers to the southeast. The nearest pipeline (shortest distance rectangular to the pipeline) is located approximately one kilometer southwest of the field.

Public References

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

NAM 1991: Composite well log, K14-11A. *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

Liability

Facts and figures supplied on this fact sheet have been compiled carefully. Great care has been taken to ensure correct coverage of all information. TNO and the Ministry of Economic Affairs do not accept any liability for any direct or indirect damage of any kind ensuing from the use of information published on this sheet.