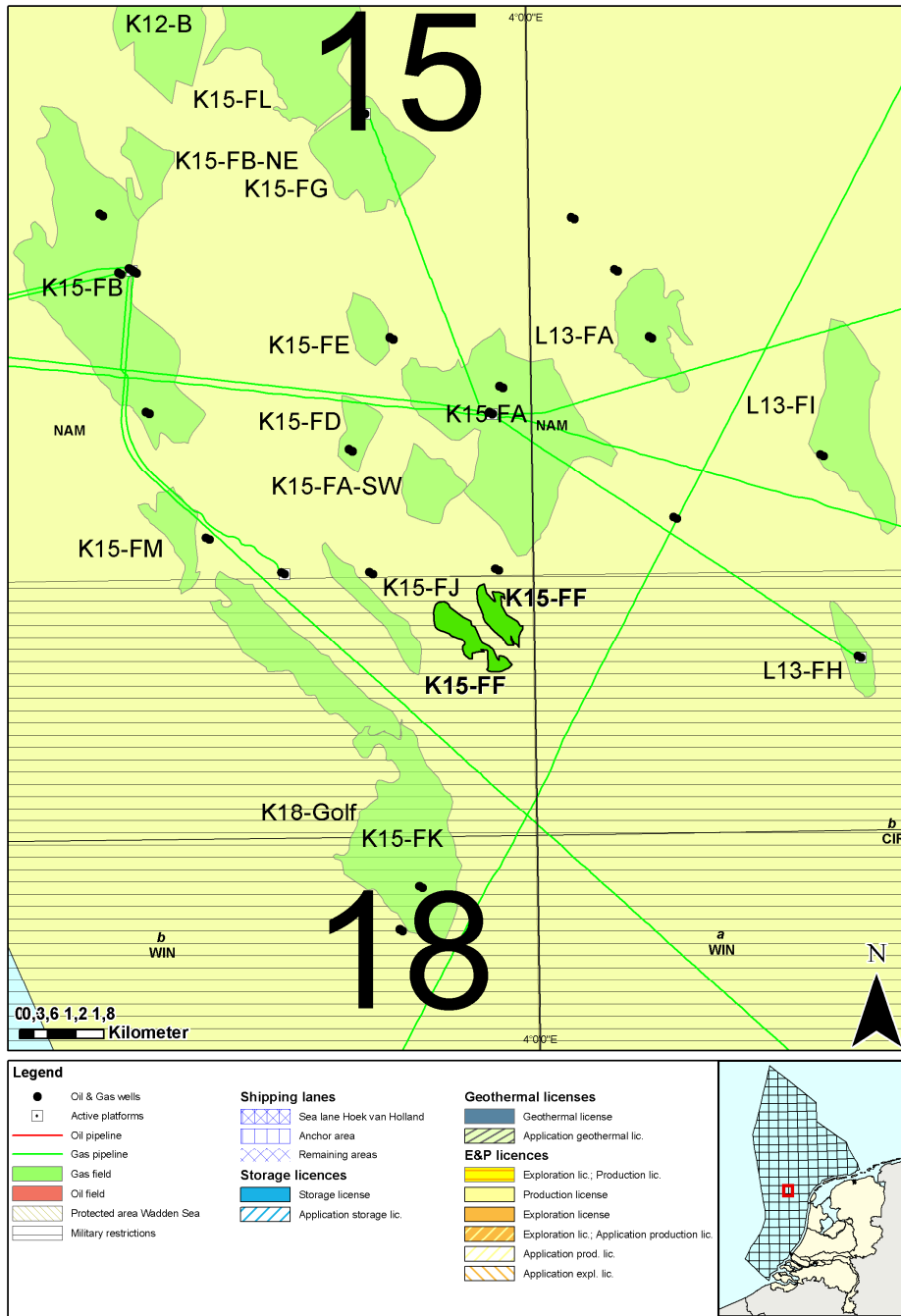




Fact sheet K15-FF

Stranded fields - Q4 2009



Location map of the K15-FF gas field

General information

The K15-FF gas field was discovered in 1983 by NAM by well K15-09. It is situated in the K15 production license (NAM). The field is located on the Noord-Holland Platform, close to the boundary with the Broad Fourteens Basin. The gas is trapped in the Upper Slochteren Member (ROSLU), beneath the clays of the Ten Boer Member (ROCLT). Complete results of RFT's are available on the composite well log.

The structure consists of a small dipping horst block, bounded by normal faults. The field is very broken up, with a major NW-SE fault dividing the structure in two. The Slochteren sandstones (ROSL) reservoir comprises mainly aeolian sediments and fluvial sediments. The field has not been developed and currently lies in NAM acreage.

Sequence of events

Date	Event
04-10-1977	Production license K15 effective (NAM)
20-06-1983	Spud date K15-09
17-08-1983	TD reached 3922 m ah
19-08-1983	RFT's 3725,5 - 3882,0m ah
19-08-1983	RFT samples 3727,5 & 3728 m ah (ROSLU)
07-1983	Production tests (ROSLU)

Reservoir data

Geological unit	Top m ah	Base m ah	Net m ah	N/G %	Porosity %
RGD & NOGEP A (1993) Upper Slochteren Member (ROSLU)	3717	3992	± 270	± 98	5-15

Taken from CWL

Hydrocarbon specifications

Reservoir	CH ₄ %	CO ₂ %	N ₂ %	H ₂ S %	GHV MJ/m ³
Upper Slochteren Member (ROSLU)	90,63	1,85	1,26	0	41,32

Volumes

Reservoir	GIIP 10 ⁹ m ³	Reserves 10 ⁹ m ³		
		Proven	Expected	Possible
Upper Slochteren Member (ROSLU)	0,5 - 1,0			

Productivity

Stratigraphic interval	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
Upper Slochteren Member (ROSLU)	3728 - 3737	385,5 (at 3500 ma h)			21 000	50

Further RFT and production test information is available on the well log

Well status

K15-09: Closed-in.

Infrastructure

There are two platforms in the vicinity of the field: K15-FK-1 and K15-FA-1, respectively about four kilometers to the west and to the north. Both platforms are NAM

property. The nearest pipeline (shortest distance rectangular to the pipeline) is located approximately two kilometers to the southwest.

Public References

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

NAM 1983: Composite well log, K15-9. *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/NCPI.html

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