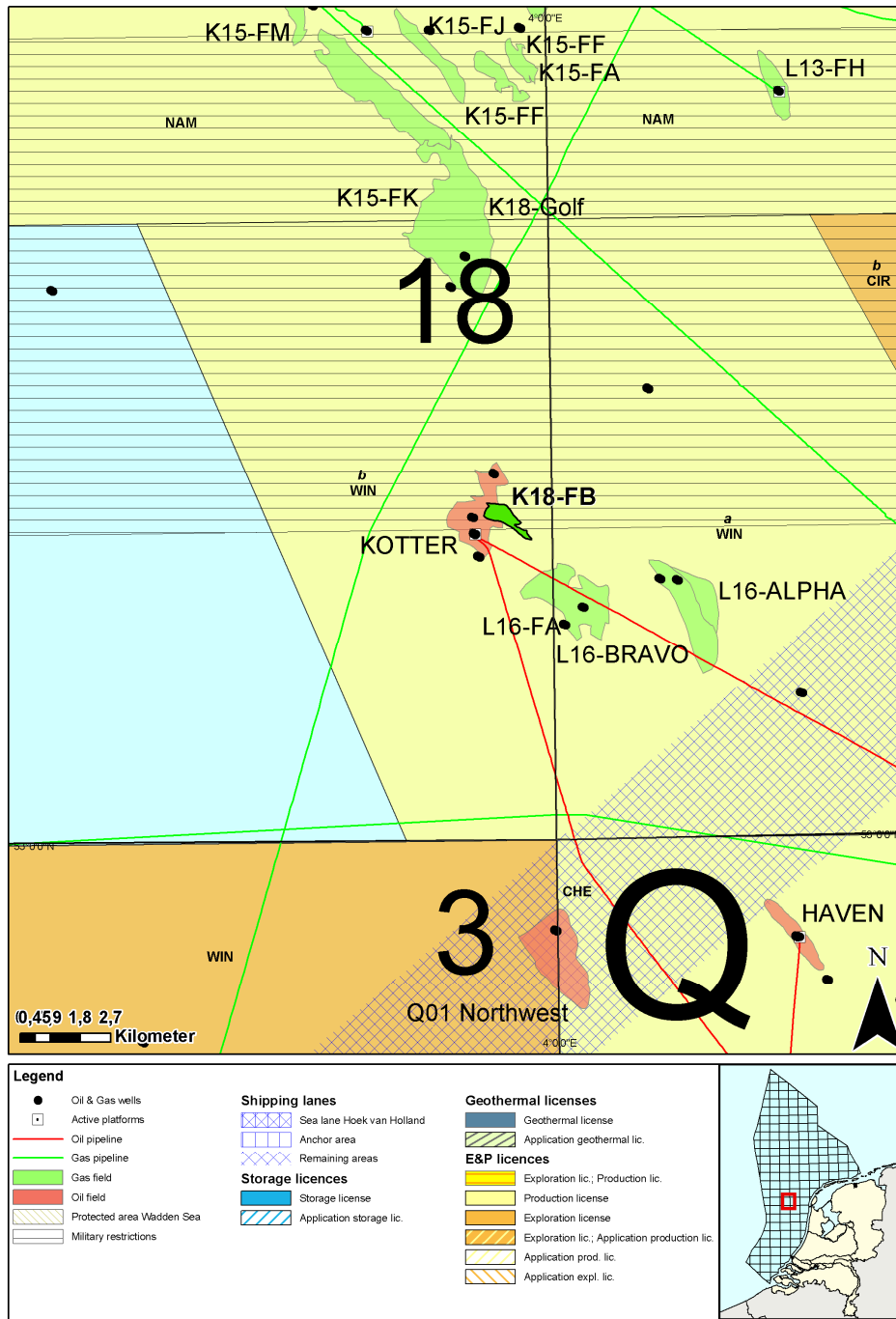




Fact sheet K18-FB

Stranded fields - Q4 2009



Location map of the K18-FB gas field

General information

The K18-FB gas field was discovered in 1992 by Conoco by well K18-06. It is situated in the K18b production license (Wintershall). The field is located on the eastern margin of the Broad Fourteens Basin, close to the Noord-Holland Platform. The gas is trapped in the sandstones of the Slochteren Formation (ROSL), beneath the Zechstein salt. Complete results of RFT's are available on the composite well log.

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

Sequence of events

Date	Event
18-04-1968	Exploration license K18-L16 effective (Conoco)
18-04-1978	Relinquished K18c (Conoco)
09-03-1983	Production license K18a,b effective (Conoco)
25-06-1992	Spud date K18-06
01-09-1992	Sidetrack #1 (Kickoff 3625 m ah)
29-09-1992	TD reached 4503 m ah
Sep/Oct-1992	RFT's 4227 - 4459 m ah
Sep/Oct-1992	RFT sample 4250,1 m ah (ROSLU)
Sep/Oct-1992	RFT sample 4459 m ah (ROSL)
04-10-1992	Well completed
14-03-2007	Production license K18a,b expired (Conoco)
15-03-2007	Production license K18b effective (Wintershall)

Reservoir data

Geological unit RGD & NOGEPA (1993)	Top m ah	Base m ah	Net m ah	N/G %	Porosity %
Upper Rotliegend Formation (ROSLU)	4217	4336,7	± 100	± 85	

From CWL

Hydrocarbon specifications

Reservoir	CH ₄ %	CO ₂ %	N ₂ %	H ₂ S %	GHV MJ/m ³
Slochteren Formation (ROSL)	86,62	10,79	1,02		35,8

Volumes

Reservoir	GIIP 10 ⁹ m ³	Reserves 10 ⁹ m ³		
		Proven	Expected	Possible
Upper Rotliegend Formation (ROSLU)	1-2		0,5 - 1,0	

Productivity

Test depth m-RT	Reservoir pressure (psia)
RFT 4227	-
RFT 4242	-
RFT 4250	6168,67
RFT 4264,5	6476,43
RFT 4298,5	6419,04
RFT 4399,1	6395,16
RFT 4428,5	6441,49
RFT 4459	6491,29

More detailed RFT information on this interval is available on the CWL

Well status

K18-06: Plugged and abandoned

K18-06-s1: Producer (Kotter oil-field)

Infrastructure

The nearest platform is: K18-Kotter of Conoco, just west of the field. The nearest gas pipeline (shortest distance rectangular to the pipeline) is located approximately three kilometers to the west.

Public References

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

Conoco 1992: Composite well log, K18-06. *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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