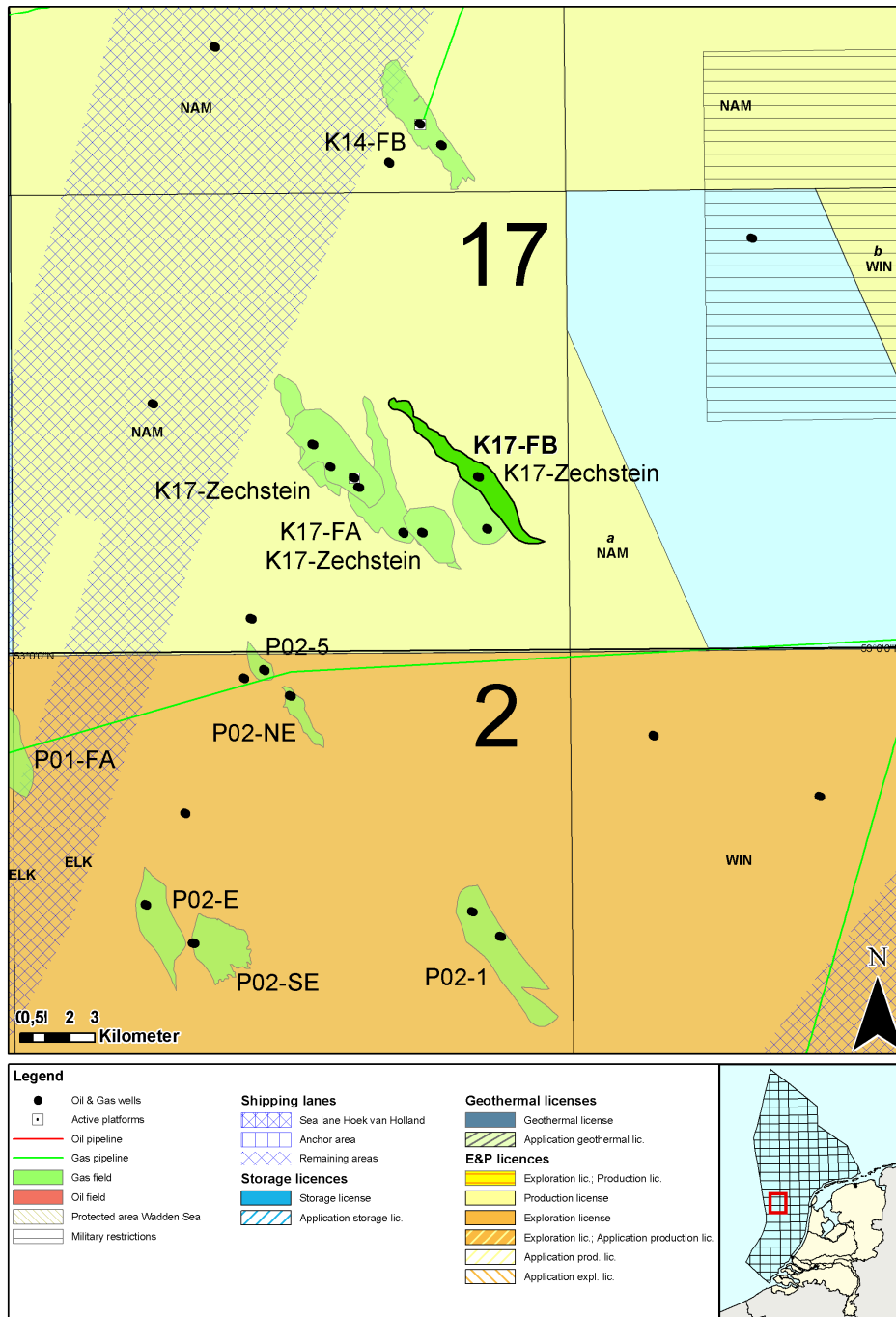




Fact sheet K17-FB

Stranded fields - Q4 2009



Location map of the K17-FB gas field

General information

The K17-FB gas field was discovered in 1980 by NAM by well K17-05. It is situated in the K17 production license (NAM). The field is located in the Broad Fourteens Basin. The gas is trapped in the Slochteren Formation (ROSL), beneath the Zechstein salt. Complete results of RFT's are available on the composite well log.

The structure is highly dipping to the SW and bounded by a NW-SE striking normal fault to the east. 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
08-03-1968	Exploration license K17 effective (NAM)
01-11-1979	Spud date K17-05
31-01-1980	TD reached 3149 m ah
01-02-1980	RFT's 2513,2 - 2589,8 m ah
02-02-1980	RFT's 2697,5 - 2964,6 m ah
February-1980	Frac job on field
16/18-02-1980	Production test (ROSL); lower interval
24/27-02-1980	Production test (ROSL); upper interval
01-03-1980	Well released
05-01-1989	Production license K17 effective (NAM)

Reservoir data

Geological unit RGD & NOGEPA (1993)	Top m ah	Base m ah	Net m ah	N/G %	Porosity %
Slochteren Formation (ROSL)	2685,5	2973	± 240	± 85	

Taken from CWL

Hydrocarbon specifications

Reservoir	CH ₄ %	CO ₂ %	N ₂ %	H ₂ S %	GHV MJ/m ³
Slochteren Formation (ROSL)	86,16	2,89	10,4	0	34,69

Volumes

Reservoir	GIIP 10 ⁹ m ³	Reserves 10 ⁹ m ³		
		Proven	Expected	Possible
Slochteren Formation (ROSL) RGD	3,2	0,6	2,3	

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
Slochteren Formation (ROSL)	2693,5 - 2702	295,2 (2650 m ah)	N/A	N/A	26 000	50

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

The official report of the state supervision of the mines on the proven occurrence of gas/oil in a well indicates that the well produced 105000 m³/day. Wellhead pressures during the production test dropped from 51,3 bar to 44,5 bar.

Well status

K17-05: Closed-in

Infrastructure

The nearest platform is: K17-FA-1 of NAM, about five kilometers to the west. The nearest pipeline (shortest distance rectangular to the pipeline): approximately five kilometers to the south.

Public References

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

RGD 1979, Economisch-geologische evaluatie van de gasreserves in het blok K17 (*Screened version available*)

SodM 1980, Proces-Verbaal nr. 5041. (Official Report of the State Supervision of the Mines on the proven occurrence of gas/oil in a well)

NAM 1980: Composite well log, K17-5. *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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