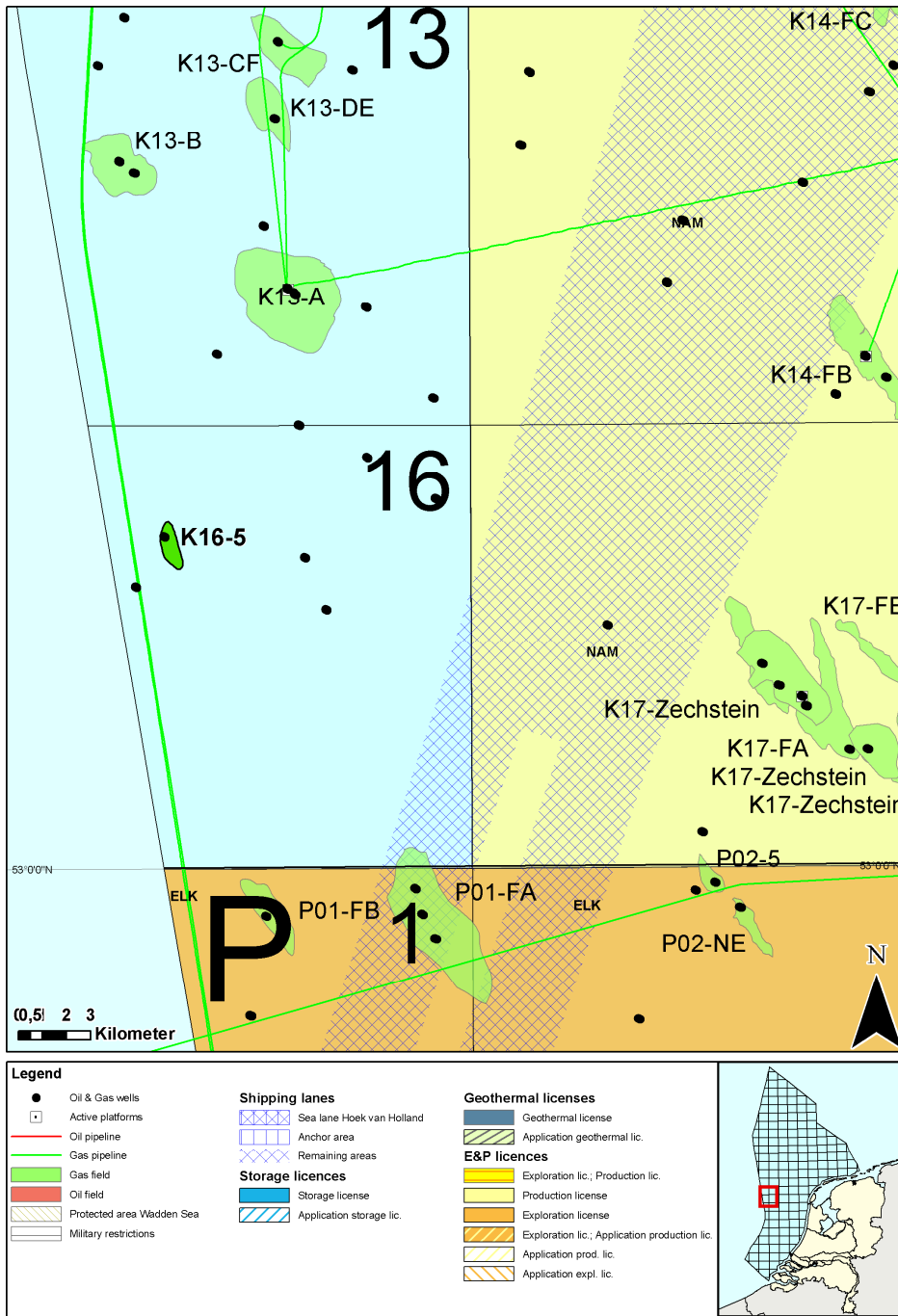




Fact sheet K16-5

Stranded fields - Q4 2009



Location map of the K16-5 gas field

General information

The K16-05 gas field was discovered in 1987 by Petroland by well K16-05. It is situated in block K16, close to the British offshore. The field is located on the Winterton platform, near the edges of the Cleaverbank High and the Broad Fourteens Basin. The gas is trapped in the Zechstein 3 Carbonates (ZE3C). Complete results of RFT's are available on the composite well log.

The field has not been developed and currently lies in open area.

Sequence of events

Date	Event
19-02-1985	Exploration license K16 effective (Petroland)
11-01-1987	Spud date K16-05
28-02-1987	RFT's 2016,5 - 2085 m ah
06-03-1987	Sidetrack #1 (kickoff 1860 m ah)
08-04-1987	RFT's 2528 - 2319,7 m ah
09-04-1987	TD reached 2635 m ah
13/17-04-1987	DST 2002 – 2094 m ah (ZE)
22-04-1987	Well completed
1991	Exploration license K16 split up in K16a, K16b, K16c, K16d
1991	Relinquished Exploration licenses K16c & K16d (K16-05 in K16a) (ELF Petroland)
1995	Relinquished Exploration license K16a (ELF Petroland)

Reservoir data

Geological unit	Top m ah	Base m ah	Net m ah
RGD & NOGEPA (1993) Zechstein 3 Carbonates (ZE3C) <i>Complete gasbearing interval</i>	2001	2042	41

Hydrocarbon specifications

Reservoir	CH ₄ %	CO ₂ %	N ₂ %	H ₂ S %	GHV MJ/m ³
Zechstein Group (ZE)	82,04	1,11	10,05	0	38,19

Volumes

Reservoir	GIIP 10 ⁹ m ³	Reserves 10 ⁹ m ³		
		Proven	Expected	Possible
Zechstein 3 Carbonates (ZE3C)	0 - 0,5		0 - 0,5	

Productivity

Stratigraphic interval	Interval m ah	CGR m ³ / 10 ⁶ m ³	GWR m ³ / 10 ⁶ m ³	Q well production at s.c. m ³ /d	Drawdown bar
Zechstein Carbonates (ZE3C)	2001 - 2042	0	± 790	378 500	

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

Well status

K16-05: Plugged and abandoned (14-07-2003)

Infrastructure

The nearest platform is: K13-A of Wintershall, about twelve kilometers to the northeast. The nearest pipeline (shortest distance rectangular to the pipeline) is the 40' pipeline between Sleipner (N) and Brugge (B), located a few kilometers to the west.

Public References

EZ, RGD & SodM 1992, Oil and Gas in the Netherlands exploration and production activities in 1991.

EZ, RGD & SodM 1996, Oil and Gas in the Netherlands exploration and production activities in 1995.

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

SodM 1987, Proces-Verbaal nr. 1803. (Official Report of the State Supervision of the Mines on the proven occurrence of gas/oil in a well)

Petroland 1987: Composite well log, K16-5. *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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