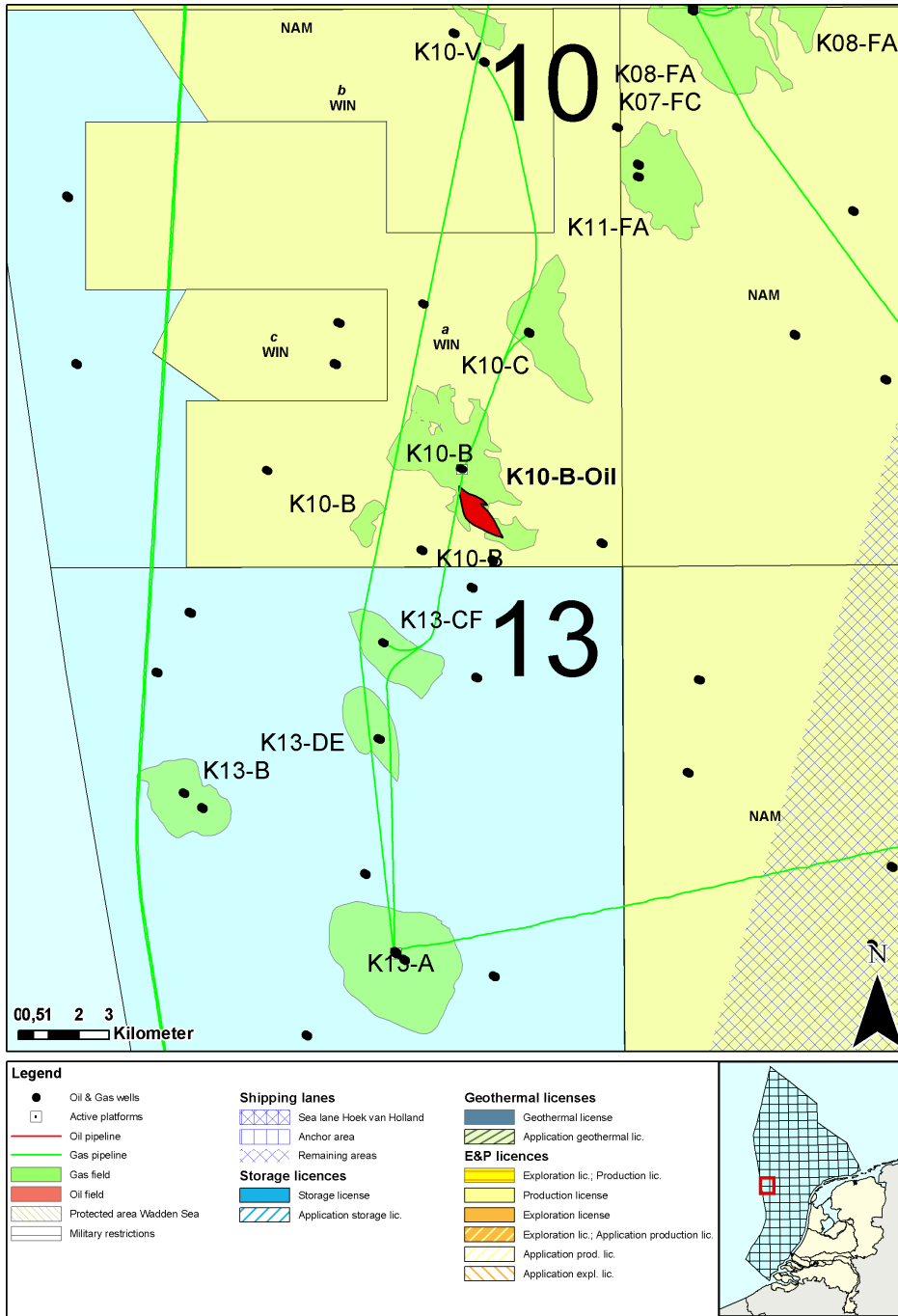




# Fact sheet K10-B-Oil

## Stranded fields - Q4 2009



Location map of the K10-B-Oil oil field

### General information

The K10-B-Oil oil field was discovered in 1980 by Pennzoil by well K10-B-02. It is situated in the K10a production license (Wintershall). The field is located on the Cleaverbank high, close to the boundary with the Broad Fourteens basin. The oil is trapped in the sandstones of the Main Buntsandstein Subgroup (RBM). Complete results of DST's are available on the composite well log.

### Sequence of events

Date	Event
19-03-1968	Exploration license K10 effective (Amoco)
19-03-1978	Relinquishment Exploration license K10b (Amoco)
25-09-1979	Exploration license K10b granted (Pennzoil)
20-12-1979	Spud date K10-B-2 (Pennzoil)
02-01-1980	Sidetrack #1 (Kickoff 303 m ah)
05-02-1980	TD reached 4006 m ah
06-02-1980	Sidetrack #2 (Kickoff 2373 m ah)
07-03-1980	Well completed
Feb/Mar-1980	DST's 1744 - 1863 m ah
26-01-1983	Production license K10a granted (Pennzoil)
25-09-1985	Relinquishment K10d (Pennzoil)
12-03-1993	Production license K10b,c granted (Wintershall)
02-10-2008	Production license K10a: Cirrus allowed to drill for oil

### Reservoir data

Geological unit RGD & NOGEPa (1993)	Top m ah	Base m ah	Net m ah	N/G %	Porosity %
Main Buntsandstein Subgroup (RBM) <i>Oil-bearing sand interval</i>	1738	1868	± 80	± 60-65	15-20

From CWL

### Contacts

Reservoir	Top structure m TVD/MSL	OWC M TVD/MSL
Main Buntsandstein Subgroup (RBM)	1420 (Beneath Röt salt)	1478

From CWL

### Hydrocarbon specifications

Reservoir	Oil density kg/m <sup>3</sup>	Gravity °API
Main Buntsandstein Subgroup (RBM)	904	± 25

During testing no water or gas was produced

### Volumes

STOIPP 10 <sup>6</sup> m <sup>3</sup> st			Reserves 10 <sup>6</sup> m <sup>3</sup> st		
P90 (1P)	Exp.	P10 (3P)	P90 (1P)	Exp.	P10 (3P)
	4 - 8				

### Well status

K10-B-02-s1: Plugged and abandoned

K10-B-02-s2: Closed-in

### ***Infrastructure***

The nearest platform is: K10-B of Wintershall, half a kilometer to the north. The nearest oil pipeline (shortest distance rectangular to the pipeline) is located approximately 55 kilometers to the southeast.

### ***Public References***

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

SodM 1980, Proces-Verbaal nr. 3189. (Official Report of the State Supervision of the Mines on the proven occurrence of gas/oil in a well)

Pennzoil 1980: Composite well log, K/10-B-02(X) sidetrack. *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](http://www.nlog.nl/nl/pubs/maps/geologic_maps/NCP1.html)*

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