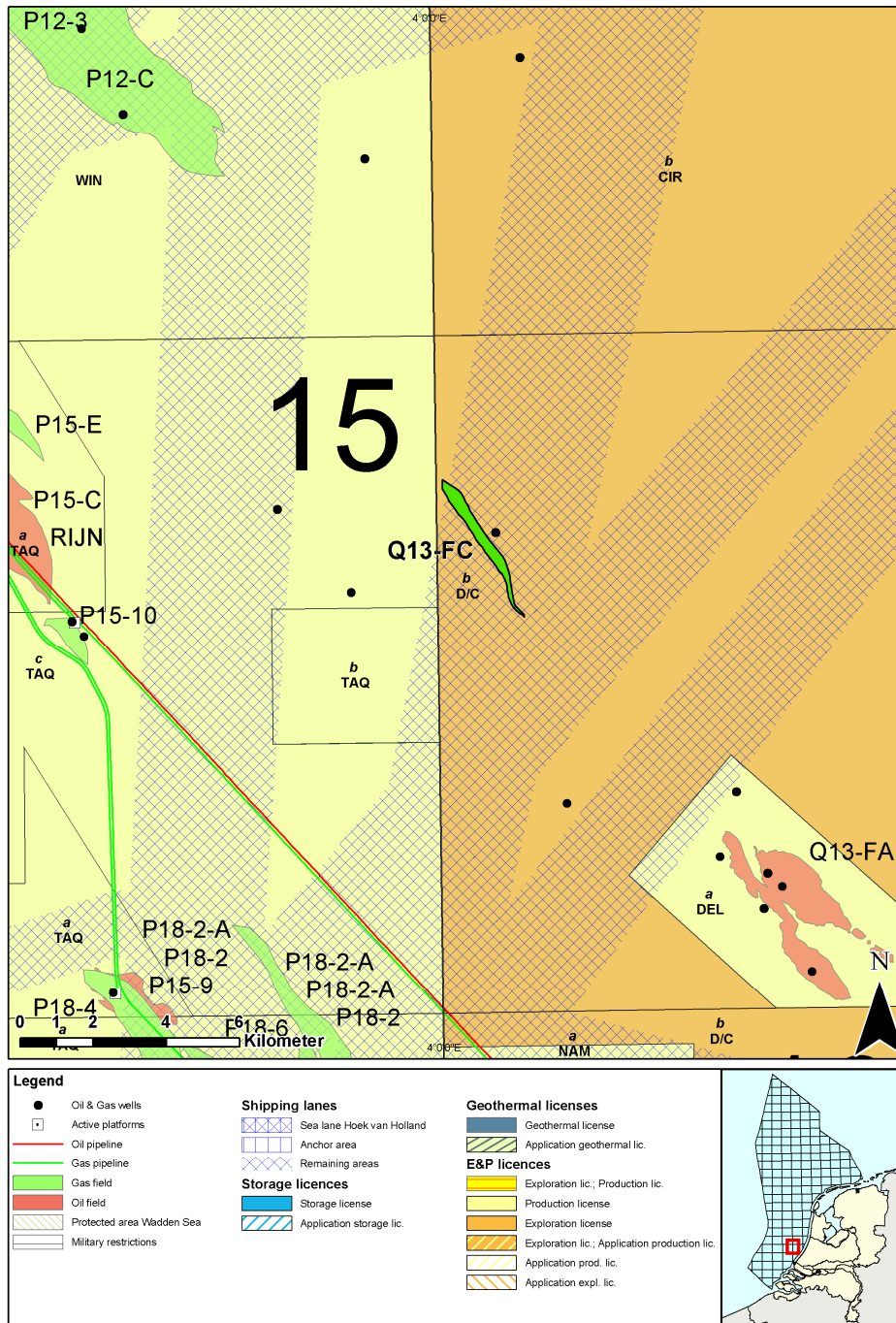




Fact sheet Q13-FC field

Stranded fields - Q4 2009



Location map of the Q13-FC field

General information

The Q13-FC gas field was discovered in 1988 with exploration well Q13-06. The gas is contained in the Zechstein Fringe Sandstone (ZEFRS). The field has not been developed. An application is filed for the Q13 block by Delta Hydrocarbons, the block in which the field is located.

Sequence of events

Date	Event
19-03-1968	Award exploration license Q13 to Amoco
17-03-1978	Relinquishment exploration license Q13b
26-11-1980	Award exploration license Q13b to Amoco
05-04-1984	Exploration license application Q13a by NAM
19-02-1985	Award exploration license Q13a to NAM
15-04-1985	Exploration license Q13a to NAM effective
26-11-1986	Relinquishment exploration license Q13b of Amoco
14-01-1988	Spud date well Q13-06 (NAM)
05-04-1988	Completion date well Q13-06
15-04-1991	NAM exploration license Q13a relinquished
01-04-1992	Exploration license application Q13c by Van Dyke
24-12-1993	Exploration license Q13c awarded and effective
16-01-1994	Wintershall exploration license Q13b
23-01-1995	Production license application Q13a by NAM
10-02-1998	Withdrawal of production license application Q13a and subsequent expiration of exploration license Q13a
19-10-2000	Production license application Q13a by Vanco Netherlands
2003	Production license application Q13a withdrawn by Gaz de France
23-12-2008	Island Netherlands exploration license Q13b-deep
29-12-2008	New Operator: Delta Hydrocarbons

Reservoir data

Geological unit RGD & NOGEPa (1993)	Interval m TVD/MSL	N/G %	Av. Por. %	Sg %
ZEFRS	2864-2893	0,62	10,4	58

Contacts

Reservoir	GDT m TVD/MSL
ZEFRS	2889

Hydrocarbon specifications

Reservoir	CH ₄ %	CO ₂ %	N ₂ %	H ₂ S %	GHV MJ/m ³	Density Rel. to air
ZEFRS	87.0	0.59	1.61	0	43.1	

Volumes

Reservoir	GIIP x10 ⁹ m ³ st	Reserves x10 ⁹ m ³ st	
	Expected	P90 (1P)	Expected P10 (3P)
ZEFRS	In the range of 0-0.5		In the range of 0-0.5

Productivity

Reservoir	Q ₅₀ m ³ /d	Res. pressure bara at 2870 m TVD/MSL	Temperature °C at 2890 m TVD/MSL
ZEFRS	36000	305	107

Well status

Q13-06: Plugged and Abandoned

Infrastructure

The nearest platform is: P15-10S eleven kilometers to the west.

References

NAM 1988, End-of-Well Report

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

SodM 1988, Proces-Verbaal 1478. (Official Report of the State Supervision of the Mines
on the proven occurrence of gas/oil in a well)

Composite well log Q13-06. *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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