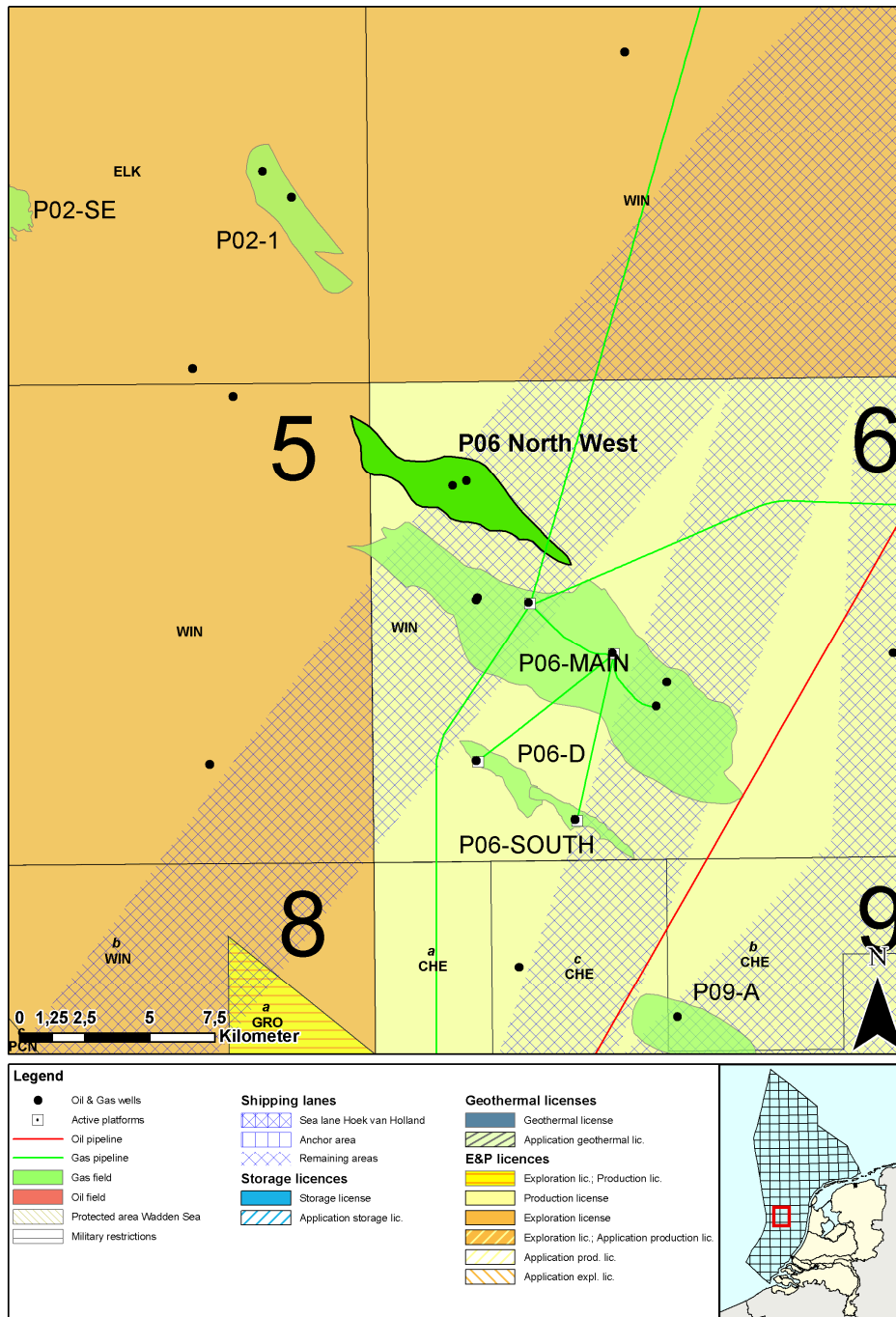




Fact sheet P06 Northwest

Stranded fields - Q4 2009



Location map of the P06 Northwest gas field

General information

The P06 Northwest gas field was discovered in 1980 by Mobil by well P06-06. The field contains gas in the Main Buntsandstein Supgroup (RBM) and in the Zechstein group (ZE). Within the Buntsandstein Subgroup, gas can be contained in the Solling, hardeggen and Detfurth Members. The gas in the Zechstein is trapped in the Plattendolomiet or the Z3 Carbonate Member (ZEZ3C). The porosity in this layer is very low.

The gas field is situated within the Broad Fourteens Basin, 63 km west of the Dutch coast. The field lies largely in the P06 license of Wintershall and extends to the west in the P05 area, also of Wintershall.

Sequence of events

Date	Event
14-02-1980	Spud date P06-06
19-04-1980	TD reached 3400.0 m ah
P05	
10-04-1968	Petroland exploration license P05
10-04-1978	Petroland exploration license P05 relinquished
23-11-1978	Mobil exploration license P05
1983 - 1985	Several changes in involved licensees in P05
11-12-1985	Mobil exploration license P05b relinquished
07-01-1986	Mobil new acreage P05a accepted
15-01-1990	Enserch exploration license P05b
18-11-1991	Veba exploration license P05b
21-04-1992	Placid exploration license P05b
14-01-1994	Placid exploration license P05b relinquished, open block parts P05a and P05b are merged to open area P05
21-11-2006	Wintershall exploration license P05
P06	
08-03-1968	Mobil exploration license P06
21-03-1973	Mobil exploration license P06 relinquished
14-04-1982	Mobil production license P06
1982 - 1992	Several changes in involved licensees in P06
16-02-1995	Transfer rights and operatorship to Clyde
03-04-1995	Transfer P06 license to Wintershall
20-12-1995	Transfer P06 license to Clyde
17-09-2003	Transfer P06 license to Wintershall

Plugdata

Depth m ah	Porosity %	Hor. Permeability mD	Density g/cm ³
2692.75	9.6	0.17	2.7
2696.25	7.2	16	2.64
2696.5	12.4	8.9	2.65
2696.75	9.3	25	2.64
2697	9.3	12	2.67
2699.55	10.7	0.91	2.64
2700.75	13.9	1.6	2.65
2701.05	7.9	0.28	2.69
2701.35	11.8	1.82	2.66
2703.35	9.8	1.9	2.68
2705	11.5	0.32	2.69
2706.8	12.6	0.13	2.68
2737	8.3	1.7	2.75
2741.3	12.6	0.21	2.69
2741.4	13.9	0.12	2.67
2741.6	6.6	0.25	2.69

Hydrocarbon specifications

Reservoir	CH₄ %	CO₂ %	N₂ %	H₂S %	GHV MJ/m³
Buntsandstein Subgroup (RBM)	93 (average)	1.7 (average)	1.9 (average)	-	38.00

Reservoir data

Reservoir	GIIP 10⁹ m³ at 0 °C	GIIP 10⁹ m³ at 15 °C	Reserves 10⁹ m³	Recovery (%)
Solling Formation (RNSO)	0.6	0.6	0.4	70
Hardeggen Formation (RBMH)	0.3	0.3	0.2	50
Detfurth Formation (RBMD)	0.8	0.9	0.5	60
Plattendolomiet (ZEZ3C)	0.3	0.3	0.2	60
Total	2.0	2.1	1.3	

Well status

The status of well P06-06 is closed-in.

Infrastructure

The nearest platform is P06-A, two kilometers to the south. The nearest pipeline runs over the field.

Public References

RGD 1979, Economisch-geologische evaluatie van de gasreserves in het blok P/6, Report RGD 79RS32EX. (*Screened version*)

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

Mobil 1980: Composite well log. *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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