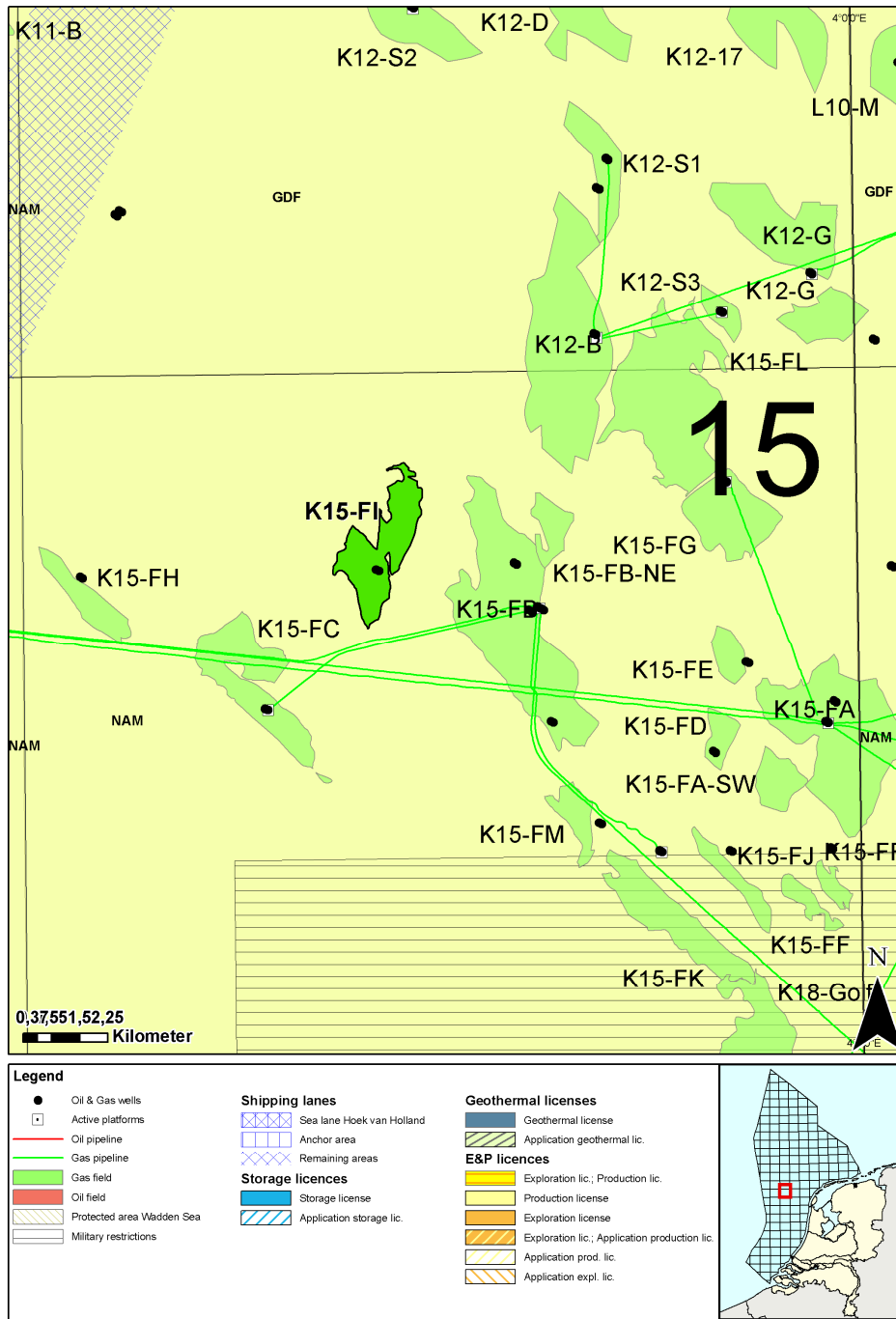




Fact sheet K15-FI

Stranded fields - Q4 2009



Location map of the K15-FI gas field

General information

The K15-FI gas field was discovered in 1992 by NAM by well K15-14. It is situated in the K15 production license (NAM). The field is located in the Broad Fourteens Basin. The gas is trapped in the sandstones of the Upper Slochteren Member (ROSLU), beneath the Zechstein salt. Complete results of RFT's are available on the composite well log.

The structure consists of a gently dipping horst block. The Upper Slochteren Member sandstones (ROSLU) reservoir comprises mainly aeolian sediments. The field has not been developed and currently lies in NAM acreage.

Sequence of events

Date	Event
04-10-1977	Production license K08&K11 effective (NAM)
26-06-1992	Spud date K15-14
26-08-1992	TD reached 4026 m ah
28-08-1992	RFT's 3777,5 – 3997 m ah
28-08-1992	RFT sample 3806,5 m ah (ROSLU)
07/11-09-1992	Production test (ROSLU)

Reservoir data

Geological unit RGD & NOGEP (1993)	Top m ah	Base m ah	Net m ah	N/G %	Porosity %
Upper Slochteren Member (ROSLU)	3773	3927	± 140	± 90	± 10 - 20

Taken from CWL

Plug data

Depth m ah	Porosity %	Horizontal permeability mD	Grain density g/cm ³
3783.1	4.4	0.03	2.747
3801.3	9.3	1.95	2.775
3801.9	13.5	39.06	2.755
3805.3	17	181.69	2.719
3805.6	15.3	28.16	2.687
3806.55	10.7	1.7	2.717
3807.15	14.7	110.39	2.738
3807.75	12.9	4.74	2.708
3815.1	11.2	0.4	2.688
3816.3	13	83.78	2.69
3817.05	12	11.86	2.701
3820.65	10.7	0.95	2.748
3824	13	6.44	2.717
3824.3	17.5	399.07	2.727
3826.1	15.7	132.72	2.729
3827.3	11.8	28.77	2.718
3827.9	12	3.62	2.674
3828.5	17.8	81.27	2.736
3829.35	16.6	303.78	2.733
3829.65	15.6	16.81	2.698
3830.55	12.3	0.84	2.695

More detailed information of this interval is available

Hydrocarbon specifications

Reservoir	CH₄ %	CO₂ %	N₂ %	H₂S %	GHV MJ/m³
Upper Slochteren Member (ROSLU)	81,72	6,2	6,22	0	37,41

Volumes

Reservoir	GIIP 10⁹ m³	Reserves 10⁹ m³		
		Proven	Expected	Possible
Upper Slochteren Member (ROSLU)	0 - 0,5		0 - 0,5	

Productivity

Stratigraphic interval	Interval m ah	Reservoir pressure in bar abs	CGR m³ / 10⁶ m³	WGR m³ / 10⁶ m³	Q well production at s.c. m³/d	Drawdown bar
Upper Slochteren Member (ROSLU)	3773 - 3837	414,7 (3750 m ah)	27,2	10,2	586 000	50

Well status

K15-14: Plugged and abandoned

Infrastructure

There are two platforms in the vicinity of the field: K15-FB-1 and K15-FC-1, respectively about four kilometers to the east and to the southwest. Both platforms are NAM property. The nearest pipeline is located at the southern boundary of the field.

Public References

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

NAM 1992: Composite well log, K15-14. *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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