

Pagina 26 van 30

Deel 2. Documenten van SodM

WJZ / 19252411

Nummer	Datum	Soort document	Onderwerp	Beoordeling	Wob	Afzender	Ontvanger
47	12-07-2017	E-mail	aanvullende informatie n.a.v. PIRI evaluatie	Deels openbaar Deels buiten reikwijdte	10.2.e	Vermillion Energy	SodM
a		Bijlage	Well list	Reeds openbaar op www.nlog.nl			
48	9-05-2017	E-mail	Enkele vragen over procedures rondom winningsvergunningen	Deels openbaar	10.2.e	SodM	Progressief Woerden
49	3-04-2017	E-mail	Winningsplannen	Deels openbaar	10.2.e	SodM	SodM
a	3-04-2017	Bijlage	Winningsplannen	Openbaar Deels buiten reikwijdte		TNO	SodM
50	12-01-2017	E-mail	Rapporten inzake grote gevaren	Deels openbaar	10.2.e	Vermillion Energy	SodM
a	12-01-2017	Bijlage	RIGG data	Openbaar Deels buiten reikwijdte		Vermillion Energy	SodM
51	Oktober 2016		Productiegegevens van alle velden	Reeds openbaar op www.nlog.nl Deels buiten reikwijdte		TNO	SodM
52	1-03-2016		Well sites safety and health document	Deels openbaar Deels buiten reikwijdte	10.2.e	Vermillion Energy	SodM
53	6-11-2015	Werkplan	Werkplan Vermillion 2016	Geweigerd Deels buiten reikwijdte	10.1.c 10.2.e	Vermillion Energy	SodM
54	2-10-2015	E-mail	Inspectieproject 'Integriteit Bestaande Putten'	Deels openbaar	10.2.e	Vermillion Energy	SodM
a	2-10-2015	Bijlage	Wells metadata	Reeds openbaar op www.nlog.nl Deels buiten reikwijdte		Vermillion Energy	SodM
55	11-06-2015	E-mail	Papekop	Deels openbaar	10.2.e	Vermillion Energy	SodM
56	12-05-2015	E-mail	Informatie n.a.v. telefoongesprek SodM	Deels openbaar	10.2.e	SodM	Individuele burger
a		Bijlage	Voorgenomen olie- en gaswinning nabij Woerden (Gelijk aan document nummer 12h, nummer 15d, nummer 22 en nummer 26a)	Reeds openbaar: https://zoek.officielebekendmakingen.nl/kst-33529-146.html			

57	3-11-2013	Werkplan	Bijlage bij NAM Werkplan 2014-2018	Geweigerd Deels buiten reikwijdte	10.1.c 10.2.e	NAM	SodM
58	1-11-2013	Werkplan	Vermillion Werkplan 2014-2018	Geweigerd Deels buiten reikwijdte	10.1.c 10.2.e	Vermillion Energy	SodM
59	10-10-2013	Brief	Acquisition NPN	Deels openbaar	10.2.e	Vermillion Energy	SodM
60	1-08-2013	Verslag	Verslagen van de in 2013 gehouden 'Re- Preview' overleggen met de in Nederland actieve olie- en gasmaatschappijen	Deels geweigerd Deels buiten reikwijdte Deels openbaar	10.1.c 10.2.e	TNO	SodM
61	16-05-2013	E-mail	Jaarrapportage art. 113	Deels openbaar	10.2.e	TNO	SodM
62	04-04-2013	Brief	Toezening art. 113 rapport	Deels geweigerd Deels buiten reikwijdte Deels openbaar	10.1.c 10.2.e	Northern Petroleum	SodM
63	19-03-2013	Brief	Verzoek uitstel aanleveren gegevens in het kader van artikel 113	Deels openbaar	10.2.e	Northern Petroleum	SodM
64	01-11-2012	Brief	Toezening Werkplan NPN 2013-2017	Deels geweigerd Deels buiten reikwijdte Deels openbaar	10.1.c 10.2.e	Northern Petroleum	SodM
65	26-10-2012	E-mail	NAM Werkplan 2013- 1017	Deels openbaar	10.2.e	NAM	SodM
a	25-10-2012	Bijlage	Toezening Jaarwerkplan NAM 2013 - 2017 (zelfde als nummer 66)	Geweigerd Deels buiten reikwijdte	10.1.c 10.2.e	NAM	SodM
66	25-10-2012	Brief	Toezening Jaarwerkplan NAM 2013 - 2017	Geweigerd Deels buiten reikwijdte	10.1.c 10.2.e	NAM	SodM
67	09-10-2012	Verslag	Verslagen van de in 2012 gehouden 'Re- Preview' overleggen met de in Nederland	Geweigerd Deels buiten reikwijdte	10.1.c 10.2.e	TNO	SodM
68	5-04-2012	E-mail	Info over velden	Geweigerd Deels buiten reikwijdte	11.1 10.2.e	TNO	SodM
a	5-04-2012	Bijlage	Info over velden	Deels geweigerd Deels buiten reikwijdte	10.1.c	TNO	SodM

				Deels reeds openbaar op www.nlog.nl			
69	30-03-2012	Brief	Toezening art. 113 rapport	Deels geweigerd Deels buiten reikwijdte Deels openbaar	10.1.c 10.2.e	Northern Petroleum	SodM
70	21-11-2011	Brief	Toezening Werkplan NPN 2012-2016	Deels geweigerd Deels buiten reikwijdte Deels openbaar	10.2.e	Northern Petroleum	SodM
71	31-10-2011	Brief	Toezening Werkplan 2012-2016 NAM	Geweigerd Deels buiten reikwijdte	10.1.c 10.2.e	NAM	SodM
72	31-10-2011	Brief	Uitstel indiening vijfjarenplan 2012-2016	Deels openbaar	10.2.e	SodM	Northern Petroleum
73	26-10-2011	Brief	Uitstel indiening vijfjarenplan 2012-2016	Deels openbaar	10.2.e	Northern Petroleum	SodM
74	31-01-2011	Brief	Toezening Werkplan NPN 2011-2015	Deels geweigerd Deels buiten reikwijdte Deels openbaar	10.1.c 10.2.e	Northern Petroleum	SodM
75	29-10-2010	Brief	Toezening NAM Werkplan 2011-2015	Geweigerd Deels buiten reikwijdte	10.1.c 10.2.e	NAM	SodM
76	26-08-2010	Presentatie	Well integrity meeting 2010	Deels buiten reikwijdte Deels openbaar		NAM	SodM
77	30-10-2009	Brief	Toezening NAM Werkplan 2010-2014	Geweigerd Deels buiten reikwijdte	10.1.c 10.2.e	NAM	SodM
78	20-09-2007	E-mail	Northern Petroleum Nederland B.V. - Papekop	Deels openbaar	10.2.e	Northern Petroleum	SodM
79	23-05-2006	Spreadsheet	Overzicht mijnbouwlocaties	Openbaar Deels buiten reikwijdte		SodM	SodM
80	15-03-2006	Jaaverlag	Intern jaarverslag SodM	Openbaar Deels buiten reikwijdte		SodM	SodM
81	8-12-2005	Verslag	Verslag bilateraal overleg EP-SodM	Deels openbaar Deels buiten reikwijdte	10.2.e	SodM	SodM
82	13-10-2005	Verslag	Verslag bilateraal overleg EP-SodM	Deels openbaar Deels buiten reikwijdte	10.2.e	SodM	SodM

Directie Wetgeving en
Juridische Zaken

WJZ / 19252411

83	5-11-2004	E-mail	Veegbesluit	Geweigerd Deels buiten reikwijdte	11.1 10.2.e	SodM	EZ
84	24-05-2004	E-mail	Locaties	Deels openbaar	10.2.e	NAM	SodM
a	24-05-2004	Bijlage	Overzicht locaties NAM	Openbaar Deels buiten reikwijdte		NAM	SodM
85	10-02-2004	E-mail	Amvb externe veiligheid	Geweigerd Deels buiten reikwijdte	11.1 10.2.e	SodM	EZ
a	10-02-2004	Bijlage	Amvb externe veiligheid	Geweigerd Deels buiten reikwijdte	11.1 10.2.e	SodM	EZ

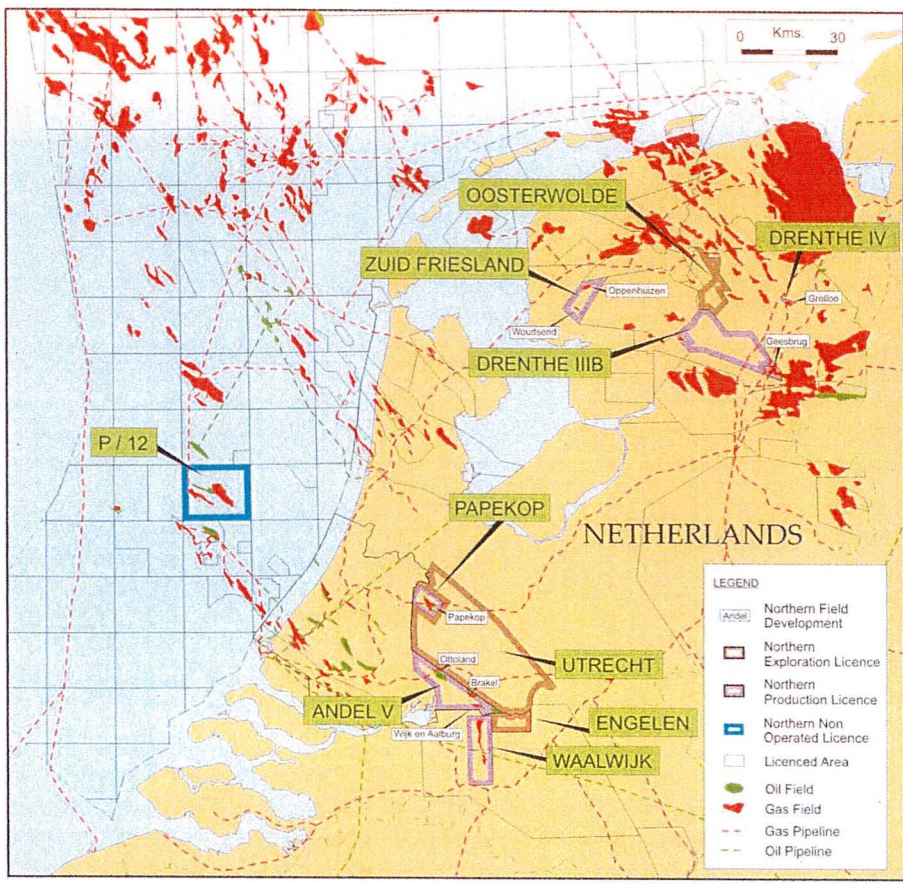
bylage 2

Datum
3 mei 2012

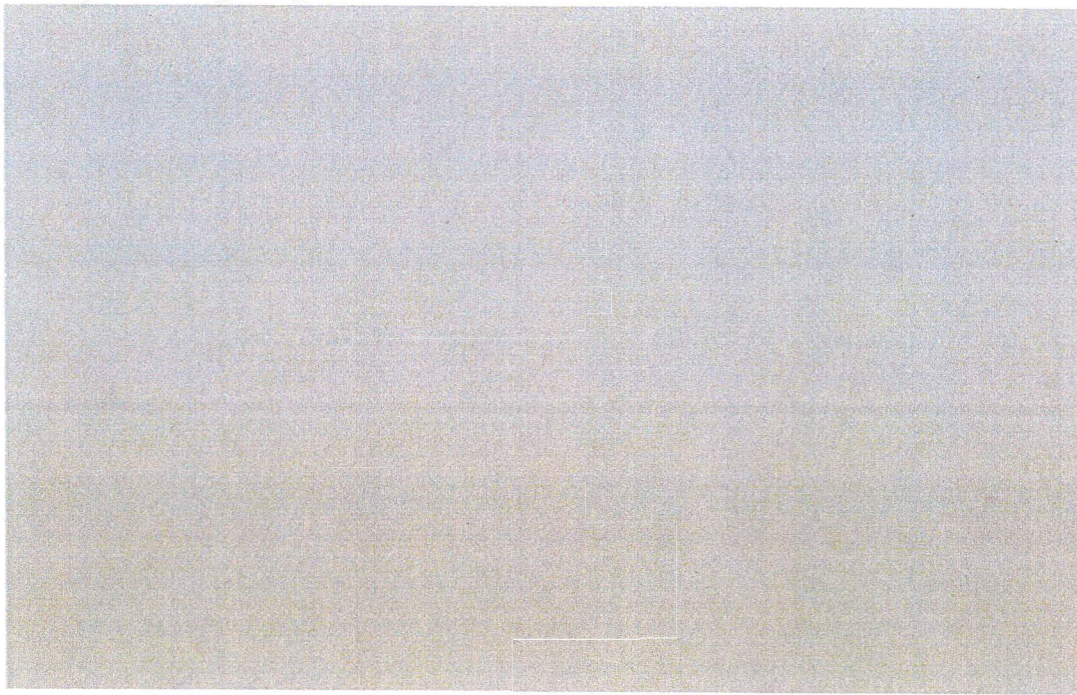
Onze referentie
<vnr-ext>

Pagina
2/6

DEPARTEMENTAL

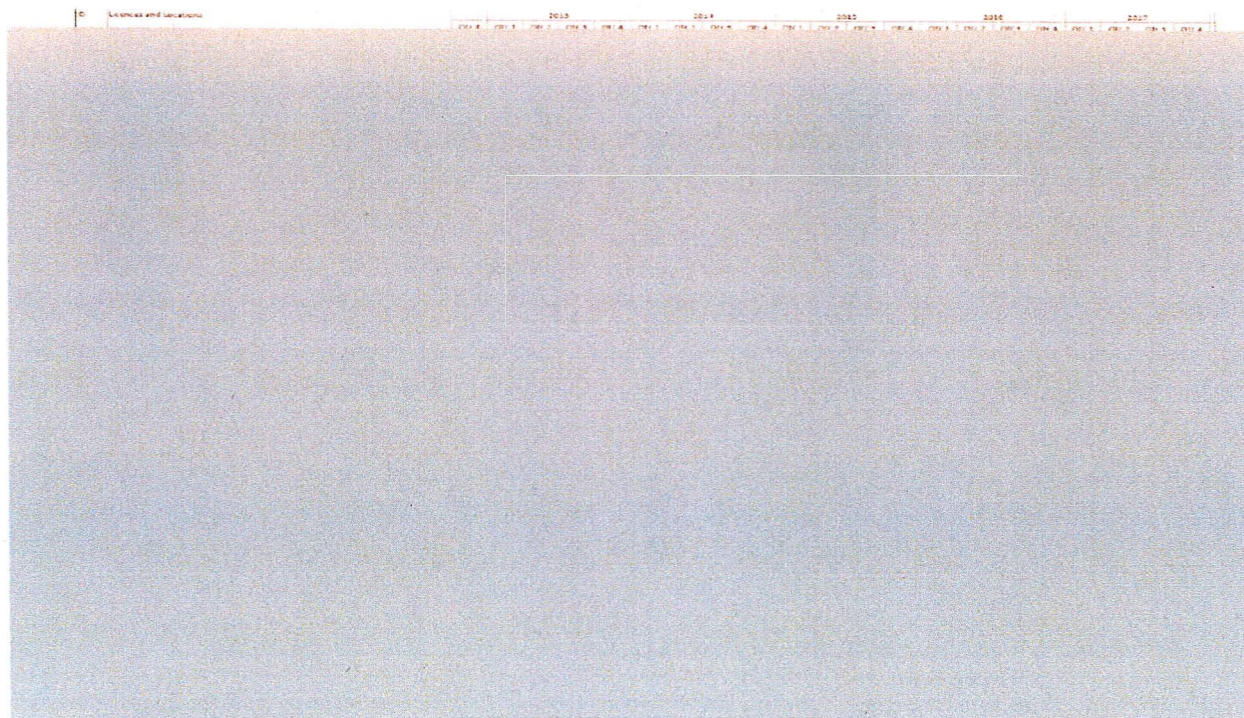


Figuur 1 Vergunningen van Northern Petroleum

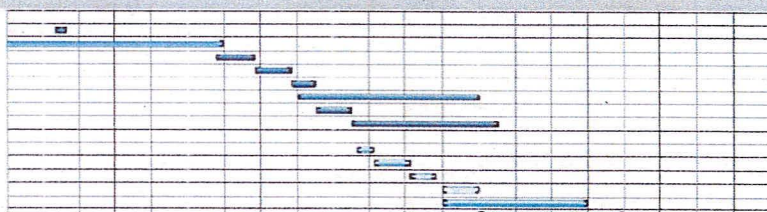


DEPARTEMENTAL

Geplande activiteiten:



- 50. Papakop (PKP): Papakop-noord
- 51. G&S: Re-scan: reprocessing & mapping (F)
- 52. Permitting: For Papakop-noord drilling & development site (F)
- 53. Site: Construction of Papakop-noord site (C)
- 54. Wells: Drilling of PKP-2 on Papakop-noord (C)
- 55. Wells: Extended test & evaluation of results (C)
- 56. Permitting: For facilities deployment on Papakop-noord (C)
- 57. Facilities: FEED & detailed engineering for facilities (C)
- 58. Facilities: Facilities procurement & installation (C)
- 59. Papakop (PKP): Papakop-zuid
- 60. Site: Returnishment of existing Papakop location (C)
- 61. Wells: Drilling of Papakop-3 on Papakop-zuid (C)
- 62. Wells: Extended test & evaluation of results (C)
- 63. Facilities: Detailed engineering for facilities (C)
- 64. Permitting: For facilities deployment on Papakop-zuid (C)
- 65. Facilities: Facilities procurement & installation (C)

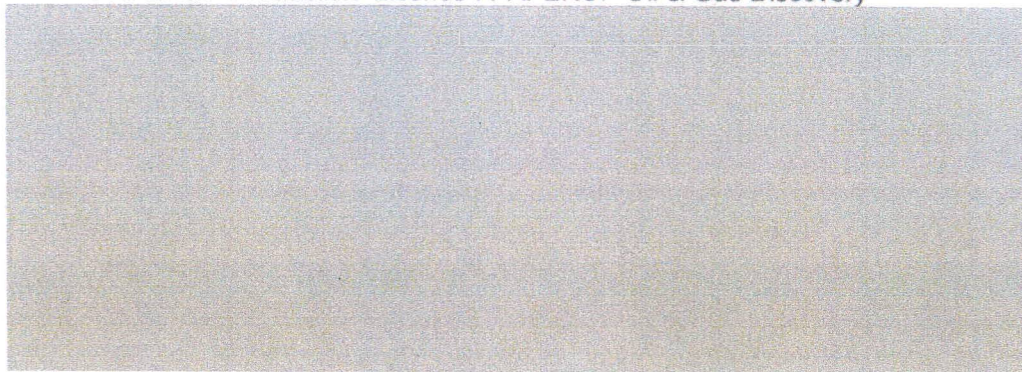


Netherlands Assets

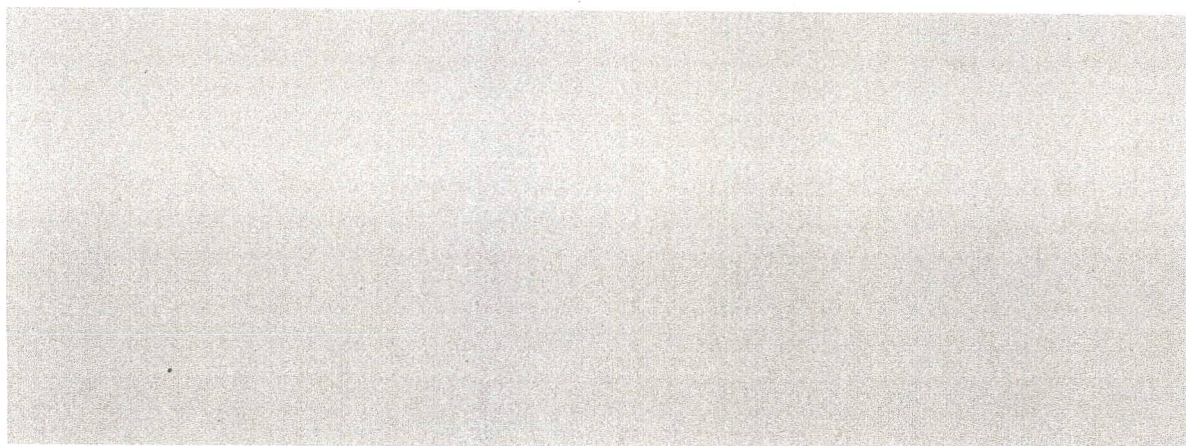


Figure 1: Northern Petroleum Nederland BV Acreage Holdings

➤ PAPEKOP Production Licence : PAPEKOP Oil & Gas Discovery



Document number	Revision	(Revision) date	Page
NPN-ALL-AUT-1-2013-001	00	4 April 2013	Page 4 of 19



2.4 Licence area Papekop

2.4.1 Main activities 2013 - 2017

During 2011 through to November 2012, NPN conducted a major 3D PSDM and 2D seismic reprocessing exercise across its operated Andel V, Papekop, Utrecht and Engelen licences. These new data on the Papekop licence will be interpreted and mapped in Q2 2013 in order to create static and dynamic reservoir models for the Papekop fields. Contingent upon the outcome of this work a decision will be taken on well trajectory options for future development well drilling in 2014 and beyond.

The objective of the static and dynamic modelling is to more clearly establish whether the Papekop field is a gas field with associated oil or an oil field with associated gas. This will drive the further appraisal and development approach, whereby a second location to drain the northern part of the field is deemed required with the first to be drilled from that location in to the northern part of the field to appraise the gas in the northern part.

Permitting for a second location west of Woerden was started in 2012 and will be ongoing in 2013. The permitting requirement to provide an outlook on the full development scenario of the Papekop field drives the process for achieving permitting consent for the second location. A drilling sequence for Papekop-2 on the northern site (new) and Papekop-3 on the southern site (existing) with subsequent field development is foreseen for the period 2014-2017. At this point it is expected that the parallel road system around Woerden (BRAVO-3) will be available for use, facilitating adequate accessibility to the A12.

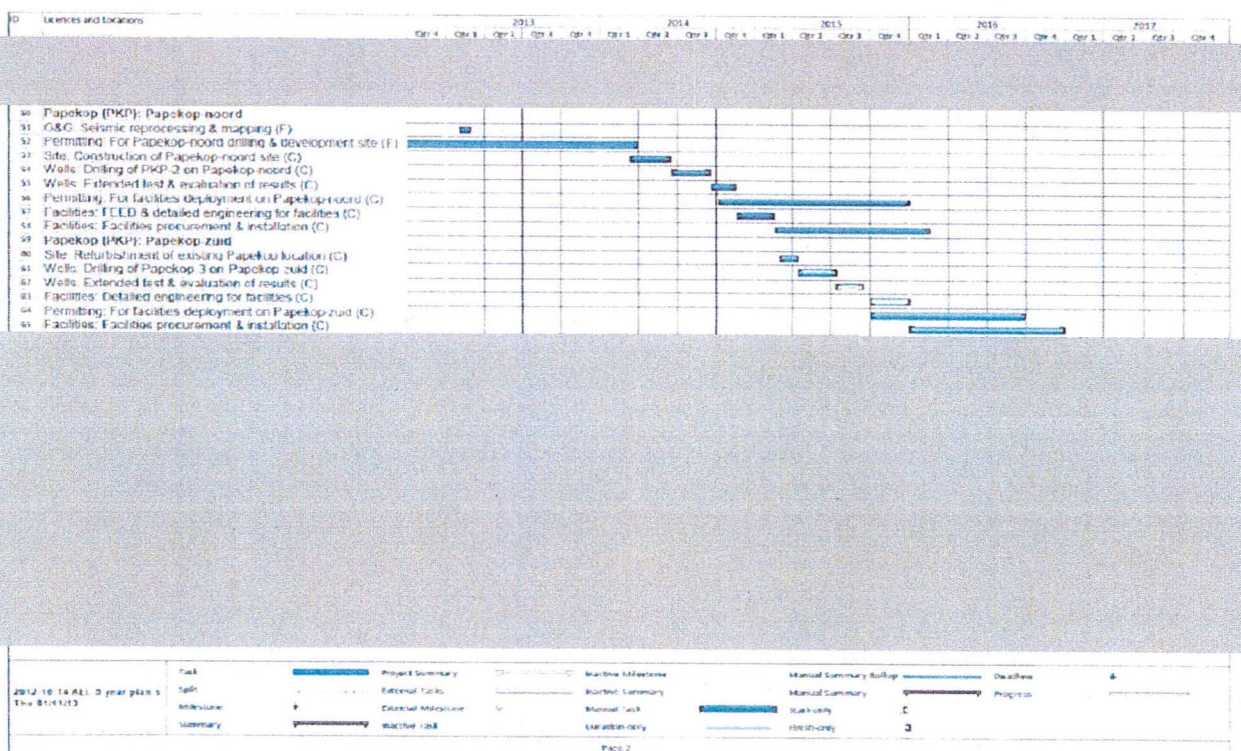
2.4.2 Well operations in 2013

There are no well operations planned for 2013 at Papekop.

2.4.3 Mining activities in 2013

There are no mining activities planned for 2013 at Papekop.

Document number	Revision	(Revision) date	Page
NPN-ALL-AUT-1-2012-002	0	16 October 2012	12 of 39



Papekop Production Licence

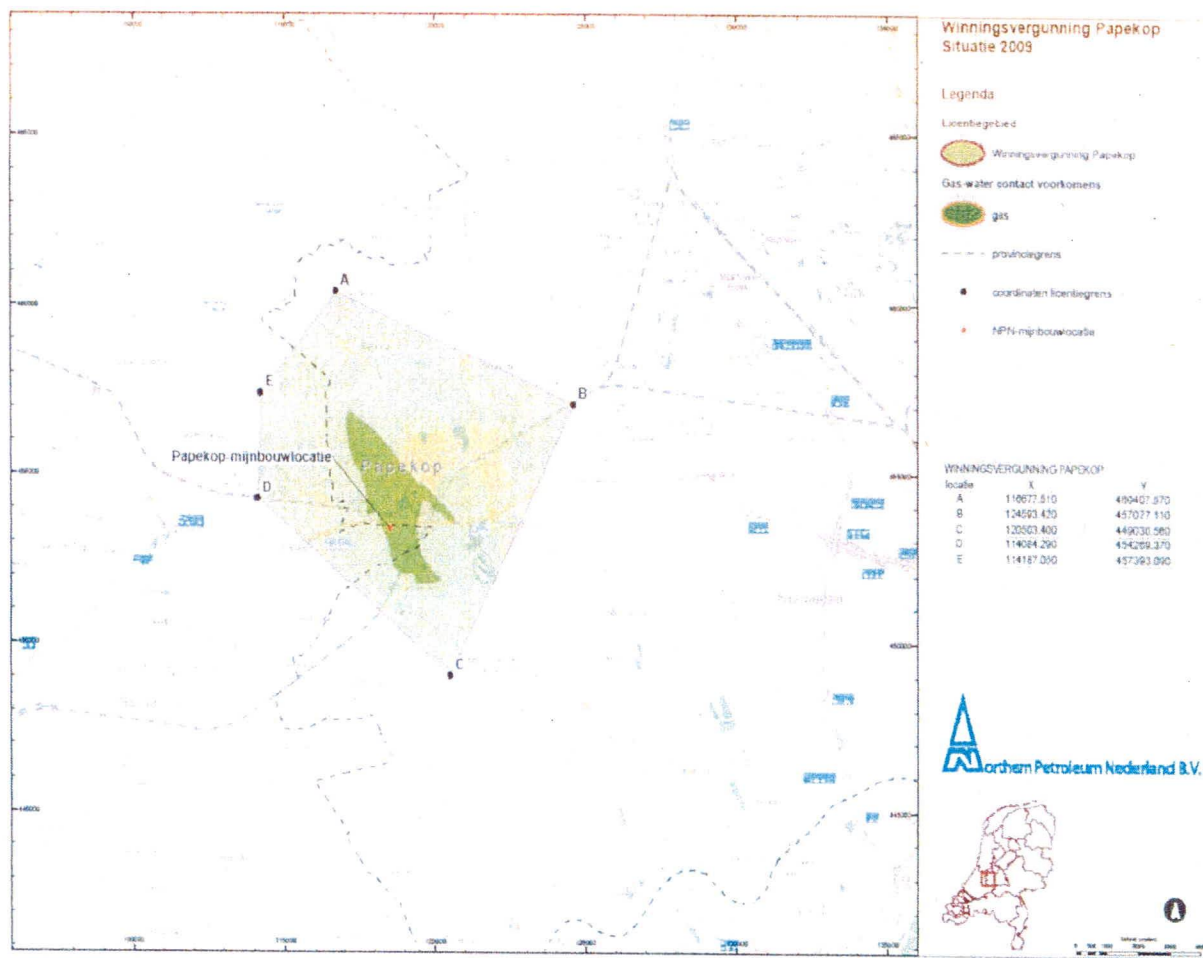
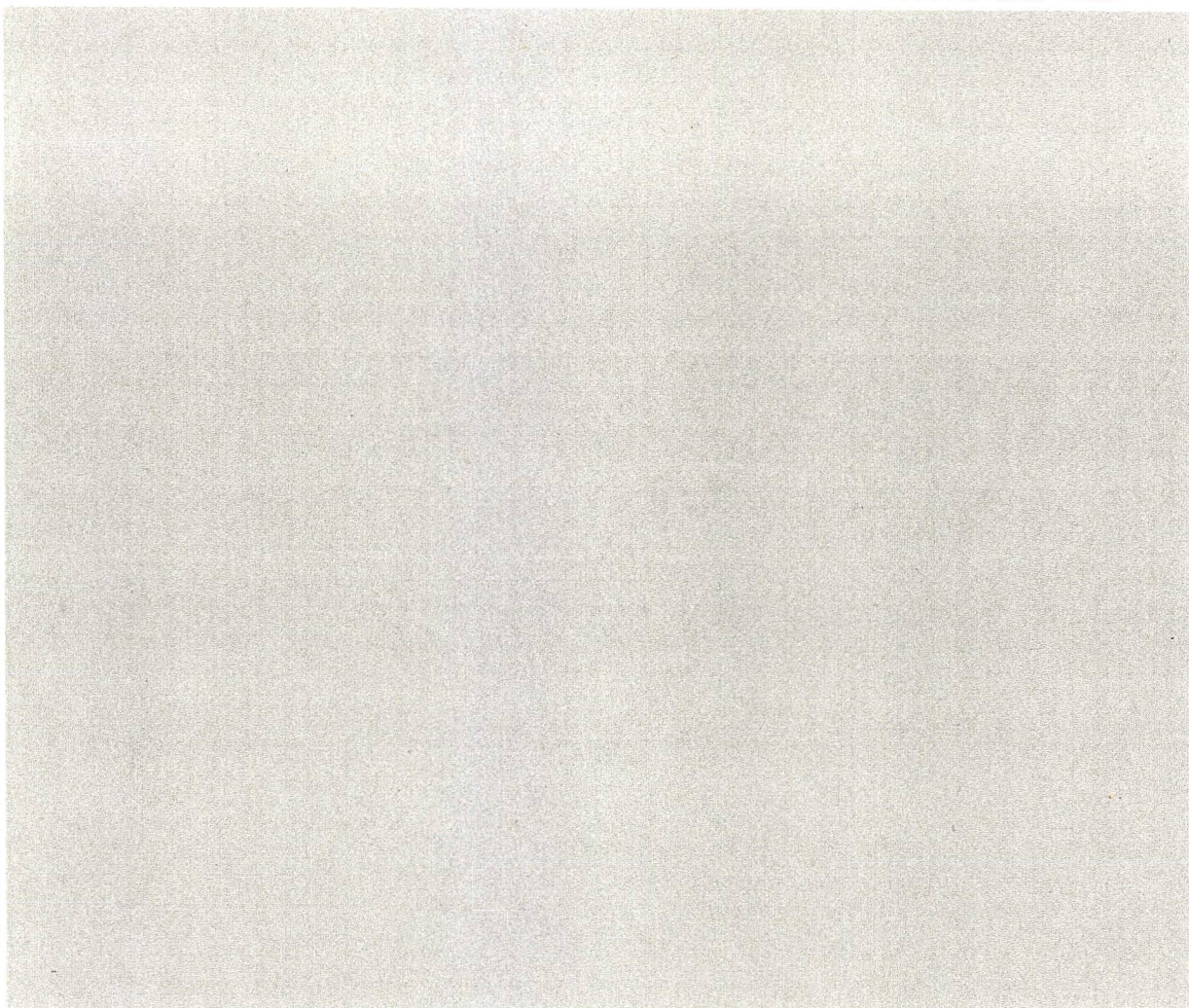


Figure 22. Papekop production licence with Papekop field

Document number	Revision	(Revision) date	Page
NPN-ALL-AUT-1-2012-002	0	16 October 2012	35 of 39

Document number	Revision	(Revision) date	Page
NPN-ALL-AUT-1-2012-002	0	16 October 2012	36 of 39

➤ PAPEKOP Licence : PAPEKOP Oil Discovery



2.4 Licence area Papekop

2.4.1 Main activities 2012 – 2016

The seismic reprocessing and further mapping exercise in the South-West area across the Utrecht, Engelen and Andel V licences also covers the Papekop field and reprocessed will be further evaluated in the second half of 2012. The objective is to more clearly establish whether the Papekop field is a gas field with associated oil or an oil field with associated gas. This will drive the further appraisal and development approach, whereby a second location to drain the northern part of the field may be required with the first well being drilled from that location in to the northern part of the field to appraise the gas in the northern part.

Permitting for a second location west of Woerden will be done as of the beginning of 2012. Due to the permitting for full development being required for the second location a drilling sequence for Papekop-2 on the northern site (new) and Papekop-3 on the southern site (existing) with subsequent field development is foreseen for the period 2014-2016. At this point it is expected

Document number	Revision	(Revision) date	Page
NPN-ALL-AUT-1-2011-002	0	18 November 2011	10 of 36

that the parallel road system around Woerden (BRAVO-3) will be available for use. This will facilitate good accessibility to the A12.

2.4.2 Well operations in 2012

There are no well operations planned for 2012 at Papekop.

2.4.3 Mining activities in 2012

There are no mining activities planned for 2012 at Papekop.

2.4.4 Organisation chart

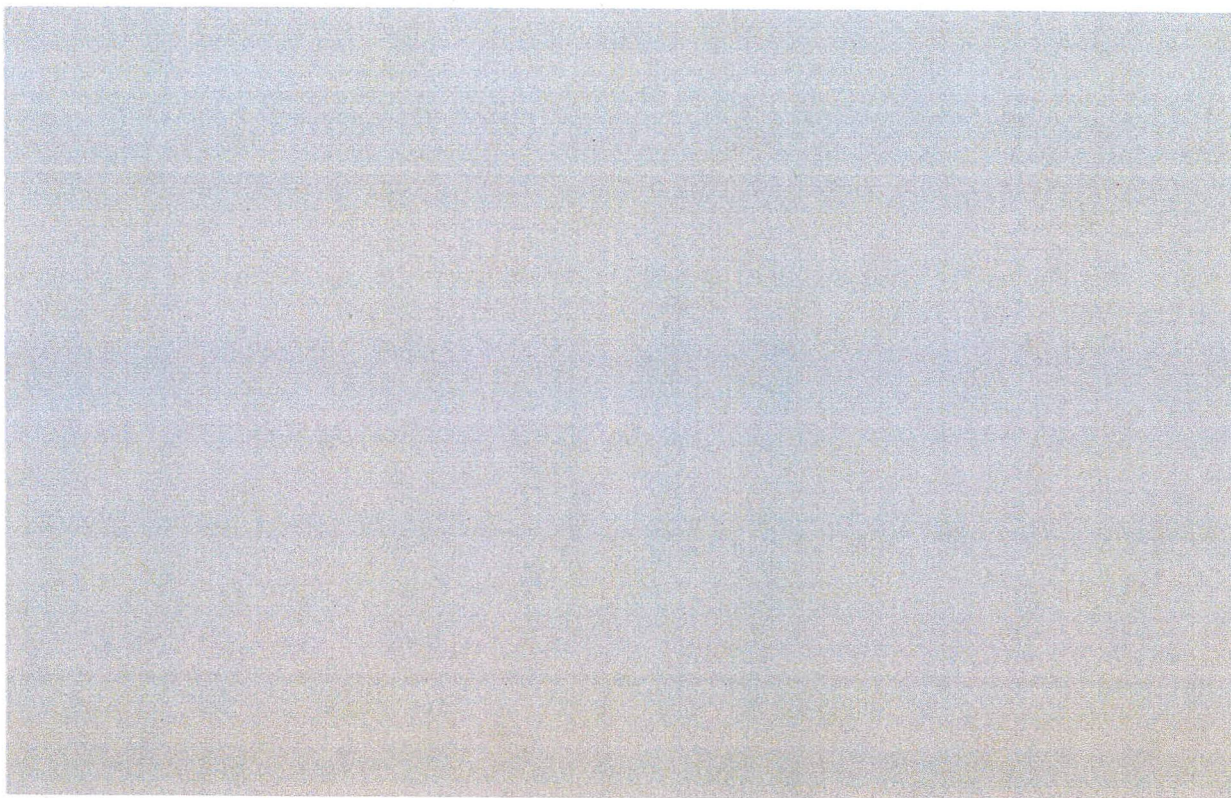
See attached in appendix B the organisation chart of the overall organisation for the combined license areas.

2.4.5 Maps and drawings

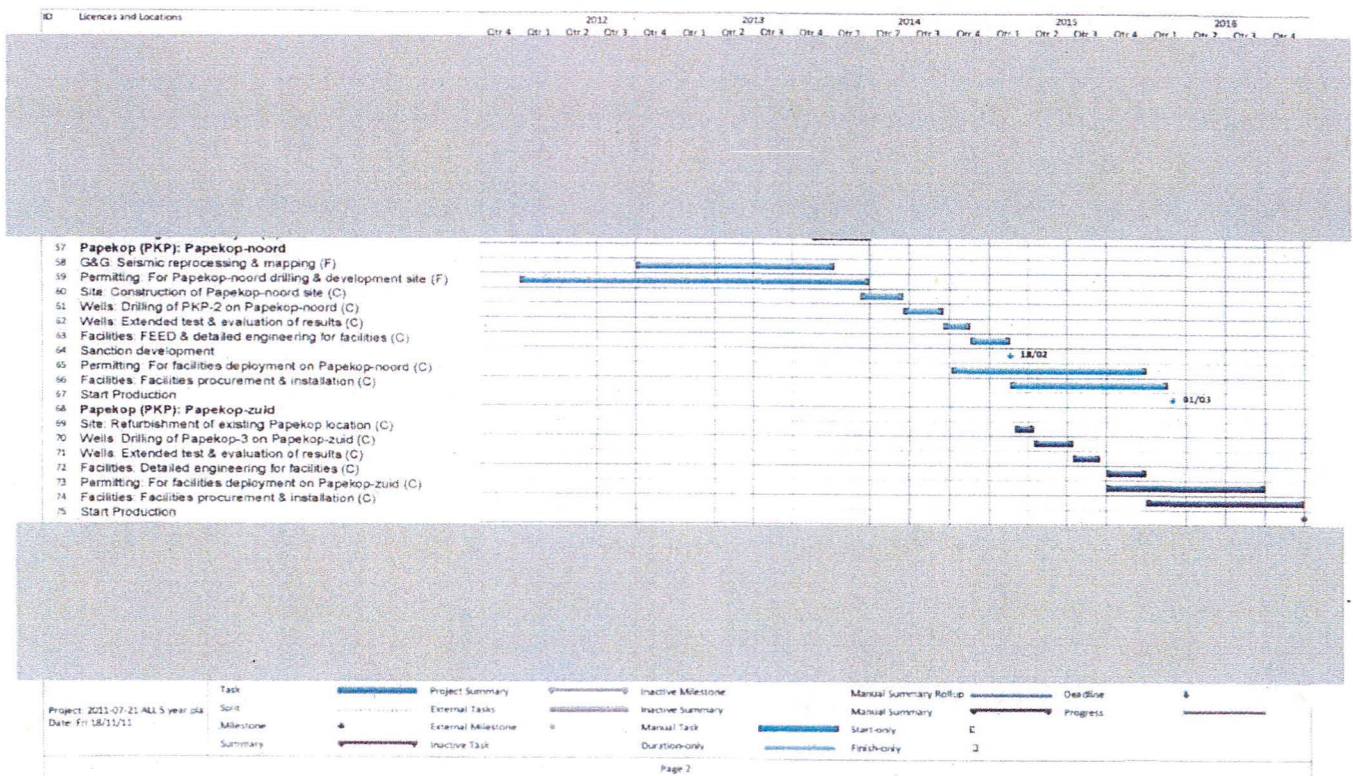
See included in appendix C.

2.4.6 Time frame for activities

As indicated in appendix A.

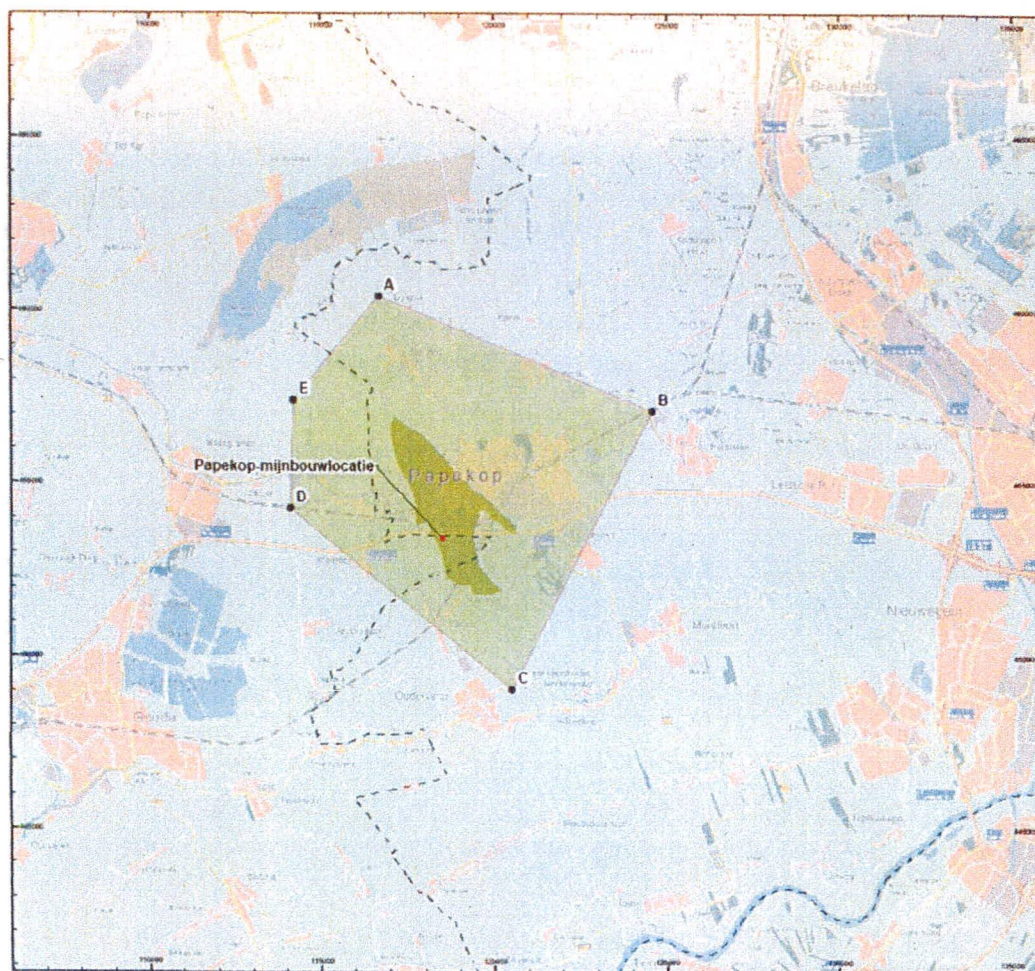


Document number	Revision	(Revision) date	Page
NPN-ALL-AUT-1-2011-002	0	18 November 2011	11 of 36



Document number	Revision	(Revision) date	Page
NPN-ALL-AUT-1-2010-002	0	18 November 2011	15 of 36

Map Papekop Production Licence



Winningsvergunning Papekop Situatie 2009

Legenda

Licentiegebied

Winningsvergunning Papekop

Gas-water contact voorkomens

gas

provinciegrens

coördinaten licentiegrens

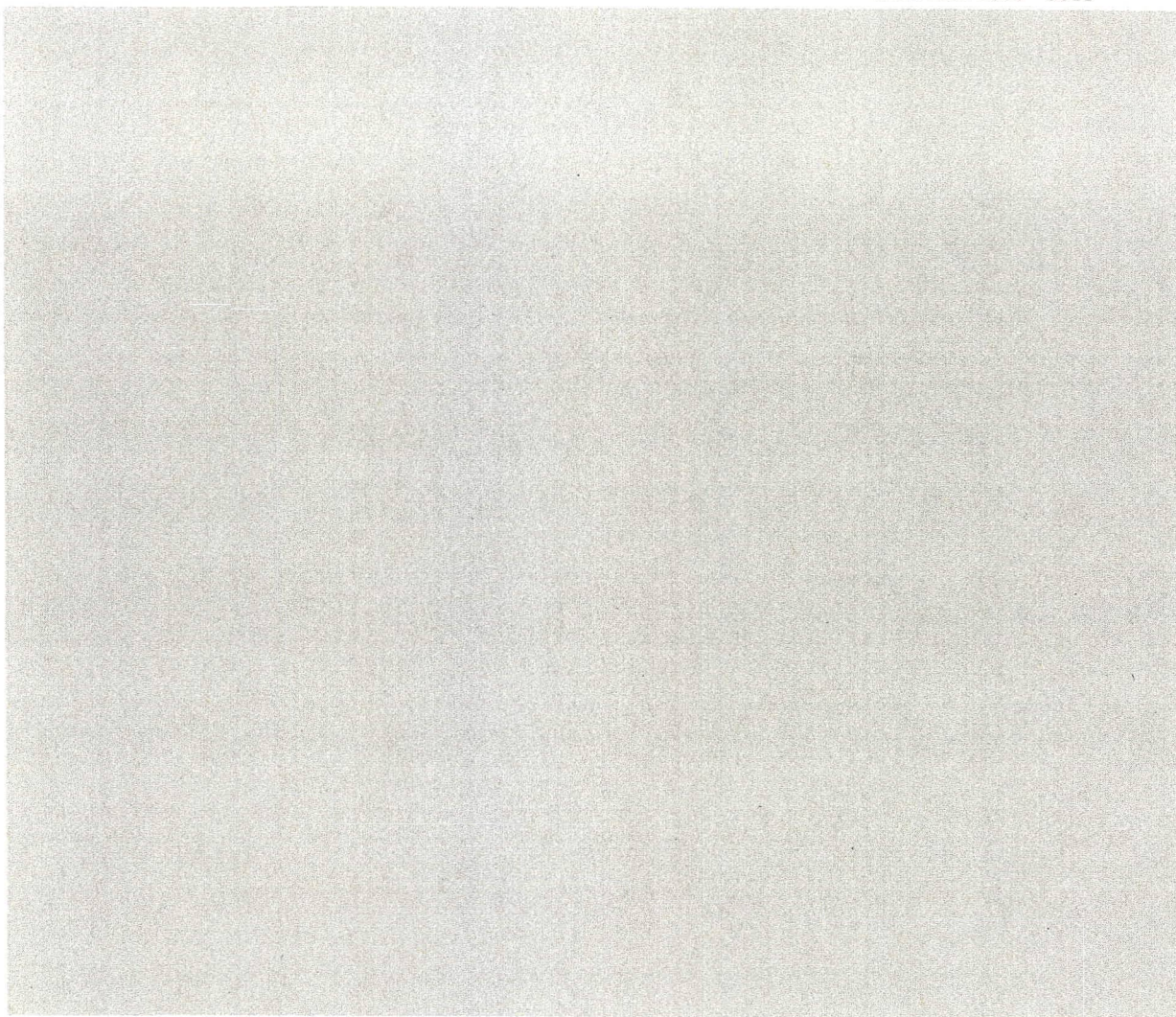
NPH-mijnbouwlocatie

WINNINGSVERGUNNING PAPEKOP

locatie	X	Y
A	116677.510	460407.570
B	124593.420	407077.110
C	120503.400	440030.560
D	114064.290	454268.370
E	114167.050	457303.000



Document number	Revision	(Revision) date	Page
NPN-ALL-AUT-1-2011-002	0	18 November 2011	32 of 36



2.4 Licence area Papekop

2.4.1 Main Activities 2011 – 2015

The permitting process is still ongoing to establish final permission to develop the Papekop field. The zoning exemption for the development of the location has been granted in November 2010 and on that basis drilling of the Papekop 2 well is scheduled for the third quarter of 2011. Due to the limitations for exporting of oil by road trucks until a new permanent connection to the A12 highway at the west side of Woerden is realised, a temporary connection to the A12 is considered to further construct the location and install the process facilities such that oil export by road trucks can take place without going through Woerden. A final decision is dependent of the results of the well test after drilling and the timing for the completion of the permanent parallel road structure around Woerden, the Bravo-3 project.

Document number	Revision	(Revision) date	Page
NPN-ALL-AUT-1-2010-002	0	11 November 2010	10 of 48

2.4.2 Well Operations in 2011

Drilling of development well Papekop 2

2.4.3 Mining activities in 2011

Refurbishment of the mining location and potential construction of new access road parallel to A12.

Site Specific Safety Case for the drilling operations will be submitted in the second quarter of 2011.

Drilling of development well Papekop 2.

2.4.4 Organisation Chart

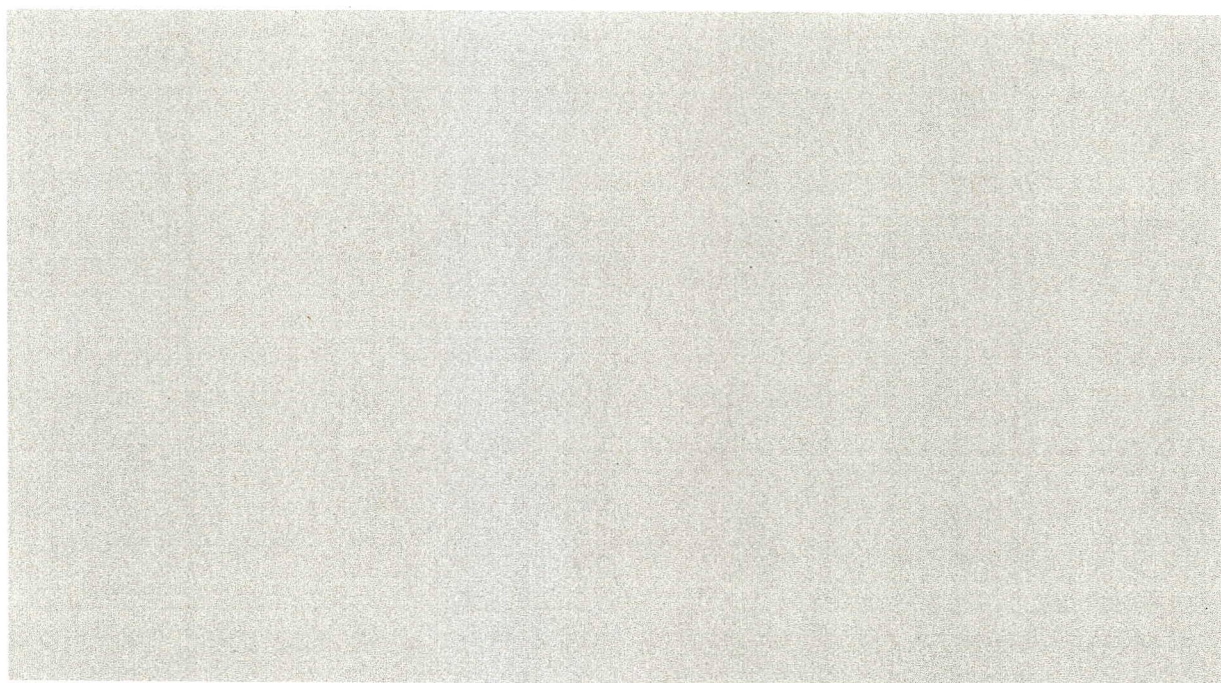
See attached in **Appendix B** the organisation chart of the overall organisation for the combined license areas.

2.4.5 Maps and drawings

See attached in Appendix C

2.4.6 Time frame for activities

As indicated in Appendix A4.



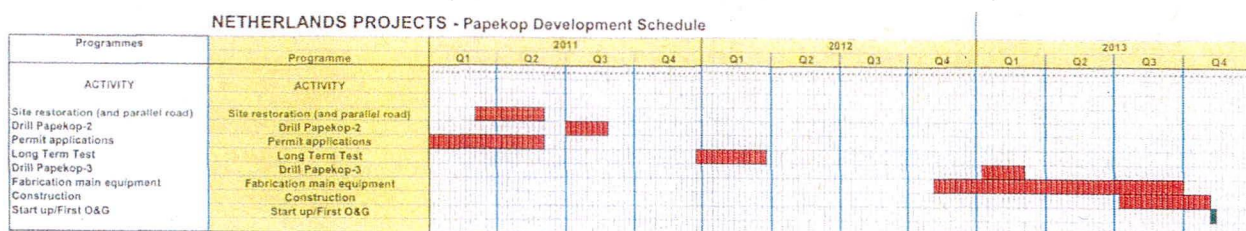
Document number	Revision	(Revision) date	Page
NPN-ALL-AUT-1-2010-002	0	11 November 2010	11 of 48

NETHERLANDS PROJECTS - TARGET 5 YEAR ACTIVITIES SCHEDULE

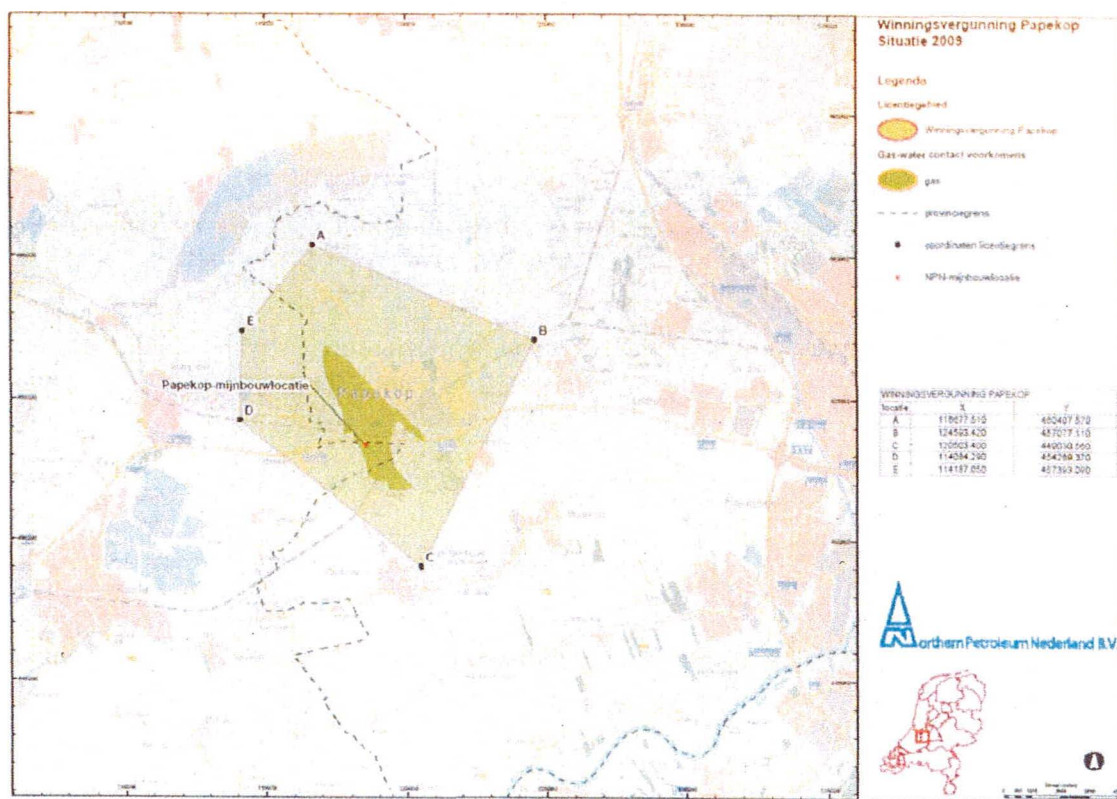
Start Date: 01/10/2010 Week 1				NETHERLANDS PROJECTS - TARGET 5 YEAR ACTIVITIES SCHEDULE																											
Programmes		DURATION		Programme	2010	2011				2012				2013				2014				2015				2016					
	START DATE (WEEK)	END DATE	Q4		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4			
DEVELOPMENT PROJECTS				DEVELOPMENT PROJECTS																											

1
2
3
4
5
6
7
8
9
10

Appendix A4 – Papekop Development Schedule



Map Papekop licence

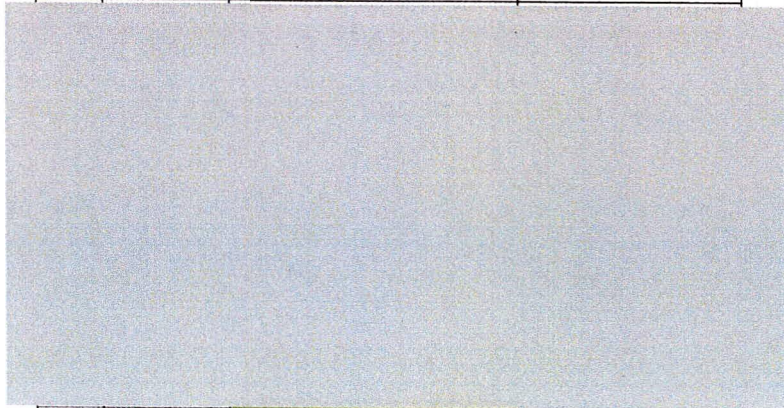


Document number	Revision	(Revision) date	Page
NPN-ALL-AUT-1-2010-002	0	11 November 2010	30 of 48

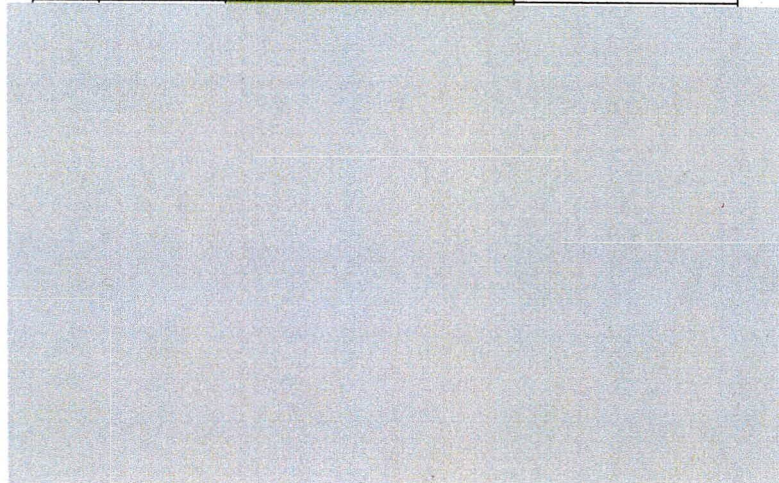
U1
1
1-1
1-1
1
1-1
1-1
1-1
1-1

Updated list bubbling wells August 2010

Pluicode	Lokatie	probleem	probleem
----------	---------	----------	----------



PKP-01	PAPEKOP 1	2010 status unchanged: Very minor bubbling, too low to sample	
--------	-----------	---	--



Abandonment Plan

Wells with few ,tem, orar, . bubbles

- In [redacted] well cellars bubbles were observed (only) while emptying; however too few to sample

■ PKP-1

PKP location

■ Analysis

- Impossible to sample gas and therefore impossible to establish gas origin
- Very limited volumes (maximum few liters during emptying) → Very limited risks