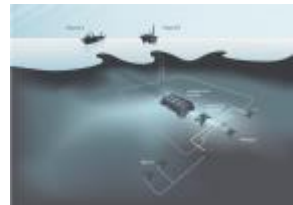


**General information**

Field name	MIKKEL
Factmaps in new window	<a href="#">link</a>
Current activity status	Producing
Discovery wellbore	<a href="#">6407/6-3</a>
Discovery year.	1987
Main area	Norwegian Sea
Main supply base	Kristiansund
NPDID field	1630514

**Picture****Discoveries included**

Discovery name
<a href="#">6407/6-3 Mikkel</a>

**Activity status - history**

Status	Status from	Status to
Producing	01.08.2003	
Approved for production	14.09.2001	31.07.2003

**Located in**

Block name	Prod. licence
6407/5	<a href="#">121</a>
6407/6	<a href="#">092</a>

**Owner - current**

Owner kind	Owner name
BUSINESS ARRANGEMENT AREA	<a href="#">MIKKEL UNIT</a>

**Operatorship - current**

Company name
<a href="#">Equinor Energy AS</a>

**Licenseses - current**



Company name	Nation code	Company share [%]
<a href="#">Vår Energi AS</a>	NO	48.380000
<a href="#">Equinor Energy AS</a>	NO	43.970000
<a href="#">Repsol Norge AS</a>	NO	7.650000

**The NPD estimate for reserves (Norwegian share)**

Valid date: 31.12.2019

Orig. recoverable oil [mill Sm3]	Orig. recoverable gas [bill Sm3]	Orig. recoverable NGL [mill tonn]	Orig. recoverable cond. [mill Sm3]	Orig. recoverable oil eq. [mill Sm3 o.e]
6.30	32.45	8.40	2.23	56.94

Remaining oil [mill Sm3]	Remaining gas [bill Sm3]	Remaining NGL [mill tonn]	Remaining cond. [mill Sm3]	Remaining oil eq. [mill Sm3 o.e]
1.34	7.08	1.71	0.00	11.67

Orig. inplace oil [mill Sm3]	Orig. inplace ass. liquid [mill Sm3]	Orig. inplace ass. gas [bill Sm3]	Orig. inplace free gas [bill Sm3]
0.00	19.00	4.00	42.70

**Description**

Type	Text	Date updated
Development	Mikkel is a field in the eastern part of the Norwegian Sea, 30 kilometres north of the Draugen field. The water depth is 220 metres. Mikkel was discovered in 1987, and the plan for development and operation (PDO) was approved in 2001. The field is developed with two subsea templates tied-back to the Åsgard B facility. Production started in 2003.	14.02.2020
Reservoir	Mikkel produces gas and condensate from Jurassic sandstone in the Garn, Ile and Tofte Formations. The field consists of six structures separated by faults, all with good reservoir quality. It has a 300-metre thick gas/condensate column and a thin underlying oil zone. The reservoir depth is 2,500 metres.	16.03.2018
Recovery	The field is produced by pressure depletion.	16.03.2018
Transport	The well stream from Mikkel is combined with the well stream from the Midgard deposit and routed to the Åsgard B facility for processing. The condensate is separated from the gas and stabilised before being shipped together with condensate from the Åsgard field. The condensate is sold as oil. The rich gas is transported via the Åsgard Transport System (ÅTS) to the Kårstø terminal for separation of the natural gas liquids (NGL). The dry gas is transported from Kårstø to continental Europe via the Europipe II pipeline.	03.06.2019



Status	The pressure decline in the reservoir has been less than anticipated. This has resulted in increased recoverable volumes compared to PDO estimates. Installation of the Åsgard subsea gas compressor has accelerated and prolonged gas production from the field. A stable supply of gas with low CO2 content from the Mikkel field is important for dilution of gas with high CO2 content from the Kristin field in the Åsgard Transport System. Production from Mikkel is limited by its capacity reserved on Åsgard B. An updated agreement for reserved gas capacity at Åsgard B has allowed for higher production from Mikkel since 2017.	25.02.2020
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**Investments (expected)**

Future investments from 2019 [mill NOK 2019-kroner] : 1060
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**Investments (historical)**

	Investments [mill NOK nominal values]
Sum	6604
2018	7
2017	10
2016	37
2015	523
2014	1128
2013	1320
2012	1398
2011	297
2010	23
2009	10
2008	14
2007	29
2006	6
2005	19
2004	-1
2003	407
2002	1038
2001	339

**Production , saleable**



# NPD Factpages

## Field

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	Month	Net - oil [mill Sm3]	Net - gas [bill Sm3]	Net - condensate [mill Sm3]	Net - NGL [mill Sm3]	Net - oil equivalents [mill Sm3]
Sum		5.234756	26.094710	2.252841	13.502482	47.084789
2020		0.140783	0.856119	0.000000	0.418967	1.415869
2019		0.242770	1.318495	0.000000	0.651922	2.213187
2018		0.257665	1.691556	0.000000	0.839272	2.788493
2017		0.326714	1.645963	0.000000	0.772072	2.744749
2016		0.272982	1.382884	0.000000	0.693699	2.349565
2015		0.220393	1.106524	0.000000	0.580582	1.907499
2014		0.240744	1.216123	0.000000	0.633173	2.090040
2013		0.275953	1.294507	0.000000	0.671857	2.242317
2012		0.370495	1.615347	0.000000	0.867663	2.853505
2011		0.414145	1.672108	0.000000	0.903210	2.989463
2010		0.457683	1.694326	0.000000	0.903835	3.055844
2009		0.515135	1.780872	0.000000	0.926388	3.222395
2008		0.590292	1.505927	0.000000	0.792998	2.889217
2007		0.740287	1.850044	0.000000	0.999794	3.590125
2006		0.168715	1.612565	0.532099	0.881060	3.194439
2005		0.000000	1.737595	0.760262	0.913872	3.411729
2004		0.000000	1.650985	0.731519	0.857214	3.239718
2003		0.000000	0.462770	0.228961	0.194904	0.886635

### Production , sum wellbores



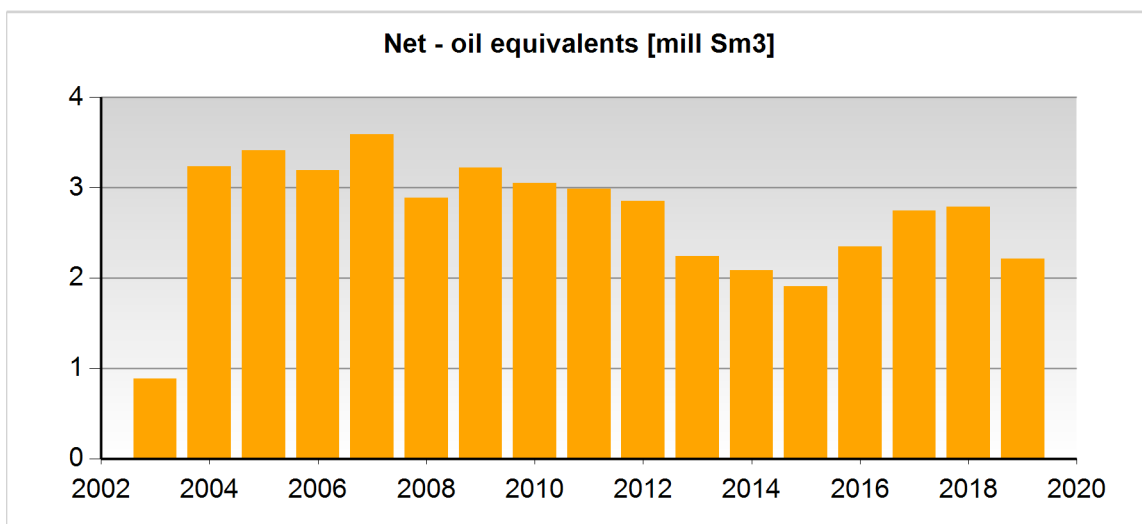
# NPD Factpages

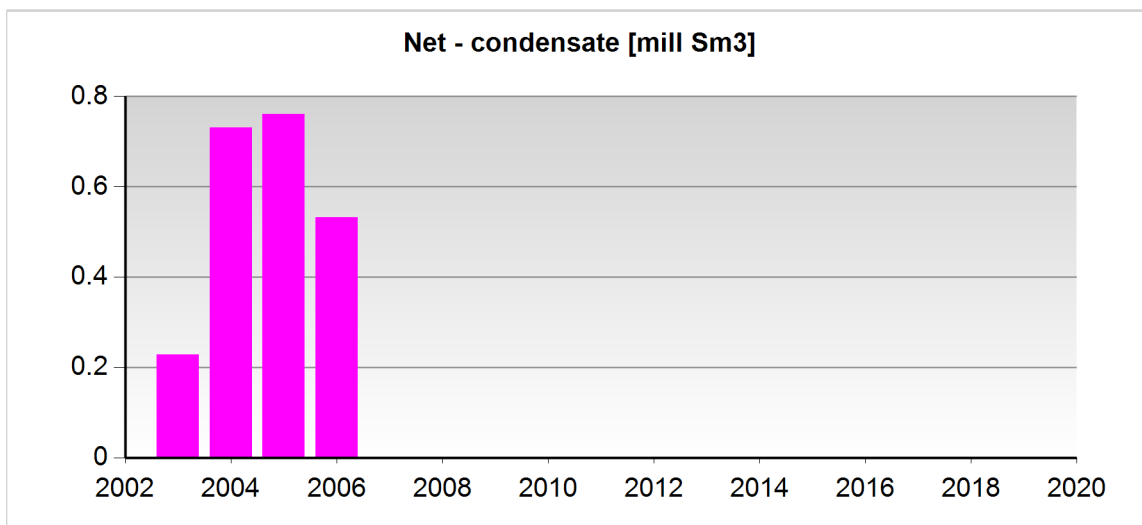
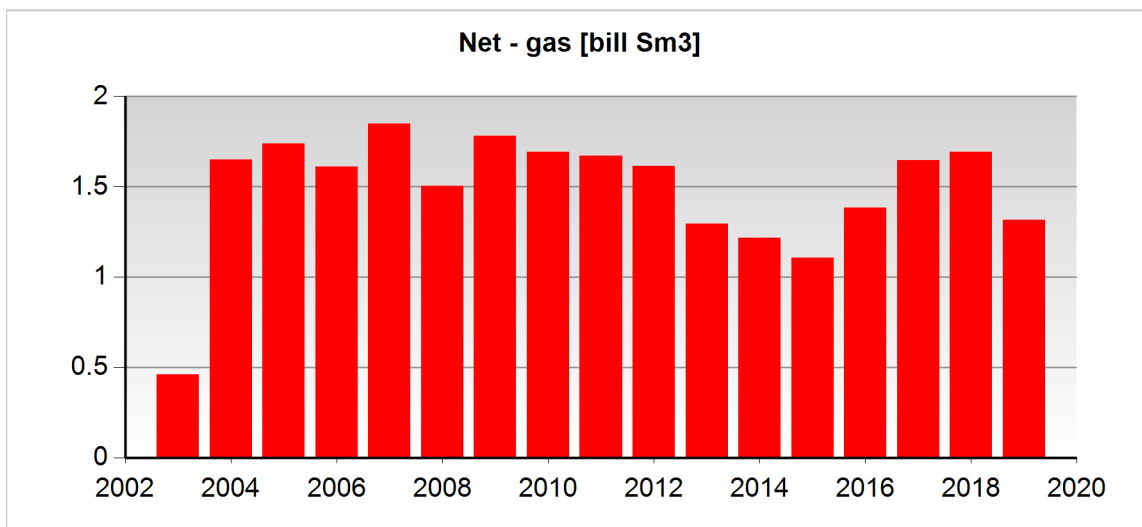
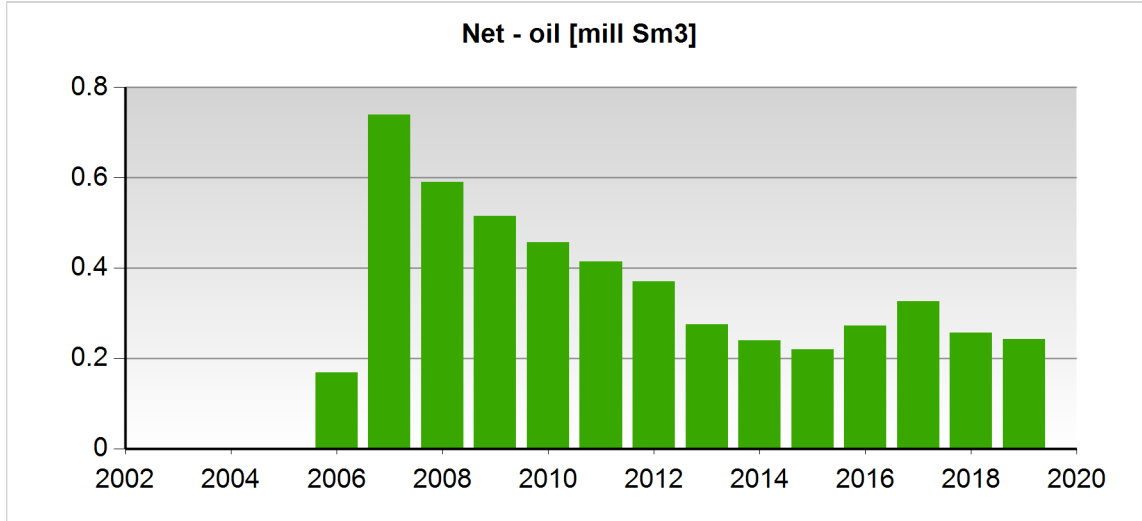
## Field

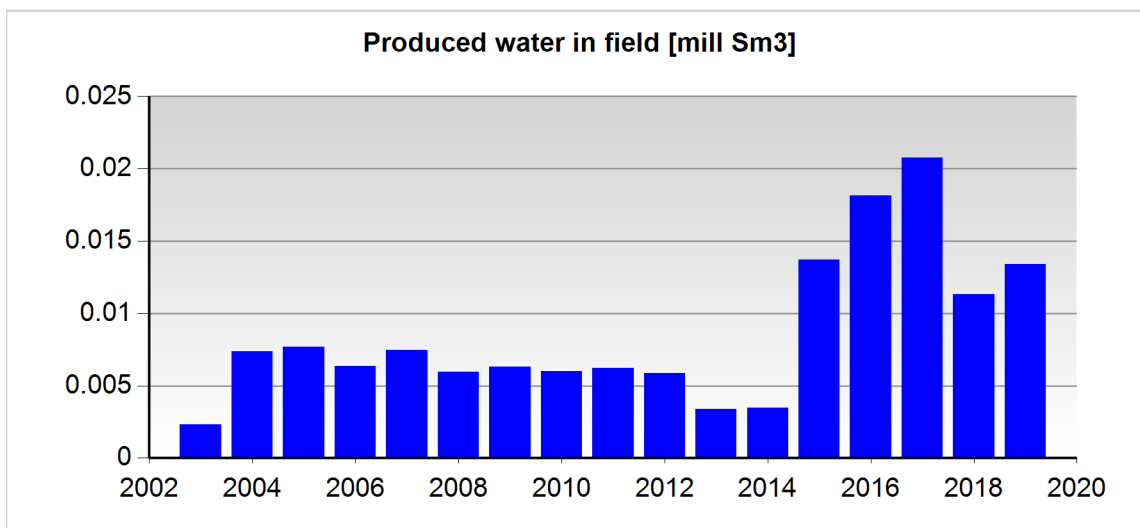
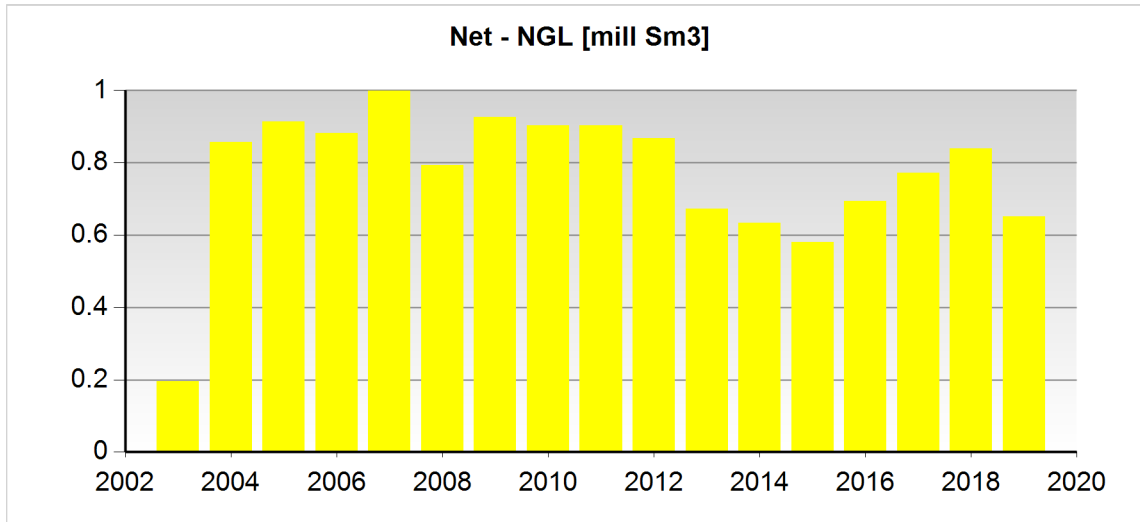
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	Month	Gross - oil [mill Sm3]	Gross - gas [bill Sm3]	Gross - condensate [mill Sm3]	Gross - oil equivalents [mill Sm3]
Sum		0.000000	30.482252	7.465745	37.947997
2020		0.000000	1.013482	0.148302	1.161784
2019		0.000000	1.580832	0.244495	1.825327
2018		0.000000	1.700946	0.276511	1.977457
2017		0.000000	1.917811	0.348143	2.265954
2016		0.000000	1.571124	0.275872	1.846996
2015		0.000000	1.315742	0.219384	1.535126
2014		0.000000	1.439633	0.240744	1.680377
2013		0.000000	1.520315	0.275953	1.796268
2012		0.000000	1.910244	0.369750	2.279994
2011		0.000000	1.982455	0.413917	2.396372
2010		0.000000	2.002014	0.457181	2.459195
2009		0.000000	2.095484	0.516069	2.611553
2008		0.000000	1.765208	0.590292	2.355500
2007		0.000000	2.160603	0.740287	2.900890
2006		0.000000	1.948871	0.628095	2.576966
2005		0.000000	2.046247	0.760269	2.806516
2004		0.000000	1.930517	0.731519	2.662036
2003		0.000000	0.580724	0.228962	0.809686

## Production - charts







Any produced water is only included after 1.1.2000

### Wellbores - exploration

Wellbore name	Entered date	Completed date	Purpose	Status	Content
<a href="#">6407/6-3</a>	13.12.1986	16.02.1987	WILDCAT	P&A	GAS/CONDE NSATE
<a href="#">6407/6-4</a>	31.10.1990	13.12.1990	APPRAISAL	P&A	OIL SHOWS
<a href="#">6407/6-5</a>	15.11.1999	27.12.1999	APPRAISAL	P&A	GAS

### Wellbores - development

Wellbore name	Entered date	Completed date	Purpose	Content
<a href="#">6407/5-B-1 H</a>	06.09.2020		PRODUCTION	
<a href="#">6407/5-B-3 H</a>	16.10.2002	09.11.2002	PRODUCTION	GAS
<a href="#">6407/6-A-1 H</a>	17.11.2002	03.01.2003	PRODUCTION	GAS
<a href="#">6407/6-A-3 H</a>	17.11.2002	23.12.2002	PRODUCTION	GAS

### Wellbores - other



# NPD Factpages

## Field

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Wellbore name	Entered date	Completed date	Purpose	Status
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