

General information

Field name	KVITEBJØRN
Factmaps in new window	link
Current activity status	Producing
Discovery wellbore	34/11-1
Discovery year.	1994
Main area	North Sea
Main supply base	Mongstad
NPDID field	1036101

Picture**Discoveries included**

Discovery name
34/11-1 Kvitebjørn

Activity status - history

Status	Status from	Status to
Producing	26.09.2004	
Approved for production	14.06.2000	25.09.2004

Located in

Block name	Prod. licence
34/11	193

Owner - current

Owner kind	Owner name
PRODUCTION LICENSE	193

Operatorship - current

Company name
Equinor Energy AS

Licensees - current

Company name	Nation code	Company share [%]
Equinor Energy AS	NO	39.550000



Petoro AS	NO	30.000000
Spirit Energy Norway AS	NO	19.000000
A/S Norske Shell	NO	6.450000
Total E&P Norge AS	NO	5.000000

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]
31.89	99.55	10.36	0.00	151.12

Remaining oil [mill Sm3]	Remaining gas [bill Sm3]	Remaining NGL [mill tonn]	Remaining cond. [mill Sm3]	Remaining oil eq. [mill Sm3 o.e]
4.16	21.80	1.77	0.00	29.32

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	84.00	0.00	172.00

Description

Type	Text	Date updated
Development	Kvitebjørn is a field in the Tampen area in the northern part of the North Sea, 15 kilometres southeast of the Gullfaks field. The water depth is 190 metres. Kvitebjørn was discovered in 1994, and the plan for development and operations (PDO) was approved in 2000. The field is developed with an integrated accommodation, drilling and processing facility with a steel jacket. Production started in 2004. An amended PDO including several deposits and prospects was approved in 2006.	14.02.2020
Reservoir	Kvitebjørn produces gas and condensate from Middle Jurassic sandstone in the Brent Group. Secondary reservoirs are in the Lower Jurassic Cook Formation and Upper Triassic Staffjord Group. The reservoirs lie at a depth of 4,000 metres and initially had high pressure and high temperature (HPHT). The reservoir quality is good.	14.02.2020
Recovery	The field is produced by pressure depletion. Gas pre-compression started in 2014 and has increased the gas recovery from the field.	16.03.2018
Transport	Rich gas is transported through the Kvitebjørn Gas Pipeline to the Kollsnes terminal, while condensate is transported in a pipeline tied to the Troll Oil Pipeline II and further to the Mongstad terminal.	14.02.2020



Status	Drilling on Kvitebjørn is challenging because of low reservoir pressure. New drilling targets are time-critical. Evaluation of new technical concepts for drilling wells with high differential pressures will be a focus area. Work is ongoing to mature new drillings targets.	14.02.2020
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Investments (expected)

Future investments from 2019 [mill NOK 2019-kroner] : 1691

Investments (historical)

	Investments [mill NOK nominal values]
Sum	20907
2018	495
2017	572
2016	853
2015	333
2014	1002
2013	2709
2012	1236
2011	702
2010	902
2009	587
2008	965
2007	953
2006	544
2005	801
2004	1008
2003	1710
2002	2626
2001	2524
2000	385

Production , saleable



NPD Factpages

Field

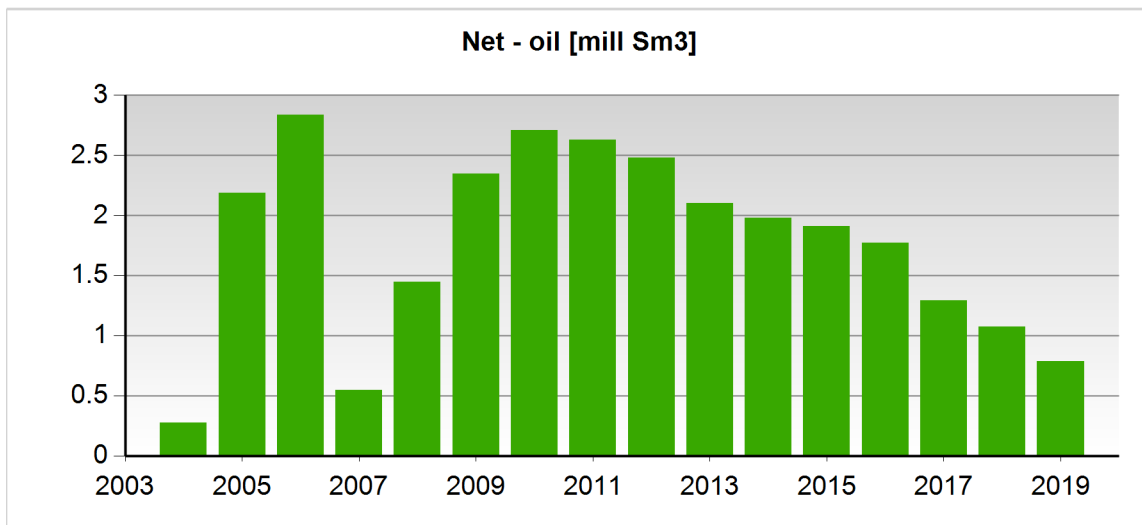
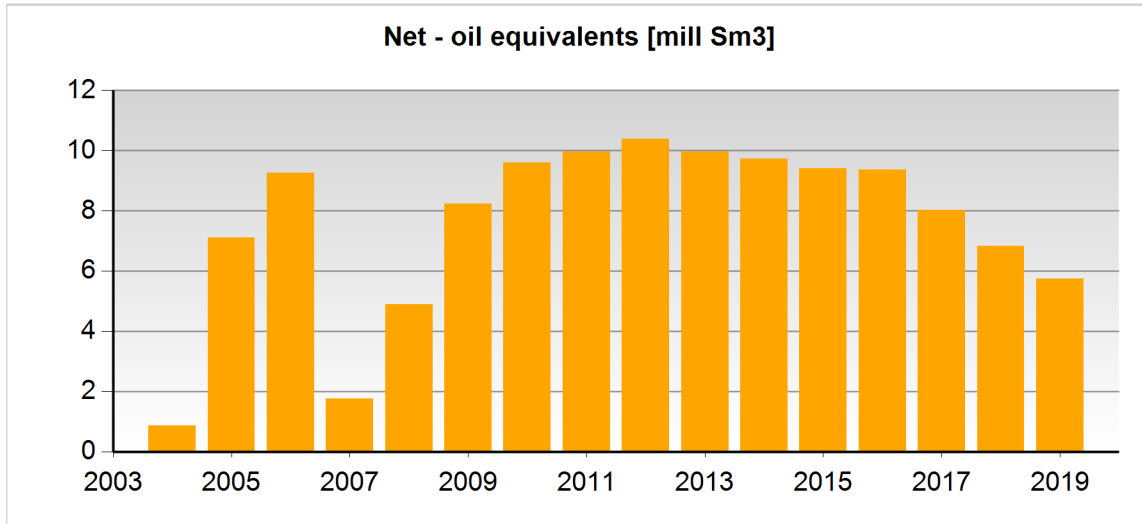
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	Month	Net - oil [mill Sm3]	Net - gas [bill Sm3]	Net - condensate [mill Sm3]	Net - NGL [mill Sm3]	Net - oil equivalents [mill Sm3]
Sum		28.814928	85.094829	0.000000	10.592723	124.502480
2020		0.411099	2.596820	0.000000	0.288311	3.296230
2019		0.790195	4.518582	0.000000	0.436946	5.745723
2018		1.078136	5.229928	0.000000	0.525423	6.833487
2017		1.293724	6.109166	0.000000	0.621150	8.024040
2016		1.774721	6.887999	0.000000	0.707108	9.369828
2015		1.911640	6.822092	0.000000	0.671847	9.405579
2014		1.981585	6.768726	0.000000	0.979431	9.729742
2013		2.102424	6.866068	0.000000	0.990702	9.959194
2012		2.483023	6.979353	0.000000	0.933380	10.395756
2011		2.627642	6.517700	0.000000	0.828603	9.973945
2010		2.710527	6.114808	0.000000	0.774628	9.599963
2009		2.348669	5.080532	0.000000	0.808154	8.237355
2008		1.448267	3.002582	0.000000	0.452990	4.903839
2007		0.548459	1.082639	0.000000	0.139551	1.770649
2006		2.837273	5.619678	0.000000	0.810301	9.267252
2005		2.186964	4.340205	0.000000	0.589746	7.116915
2004		0.280580	0.557951	0.000000	0.034452	0.872983

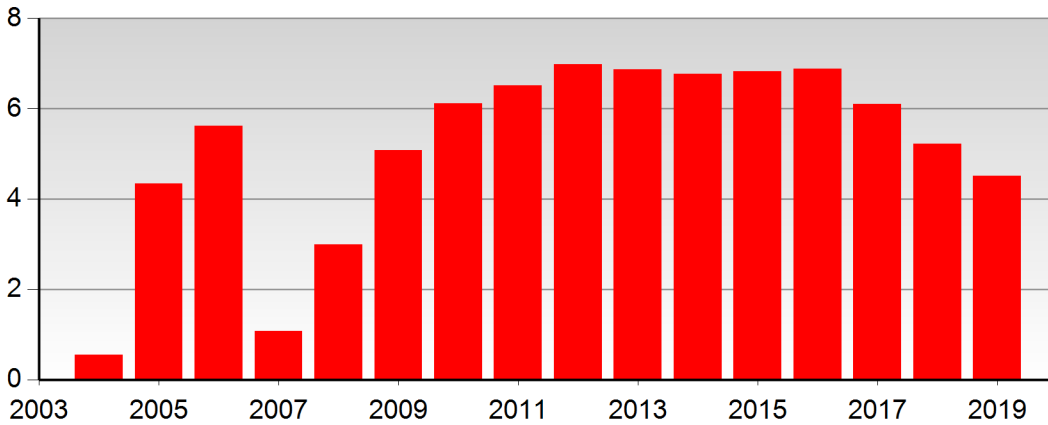
Production , sum wellbores

	Month	Gross - oil [mill Sm3]	Gross - gas [bill Sm3]	Gross - condensate [mill Sm3]	Gross - oil equivalents [mill Sm3]
Sum		0.000000	88.408129	28.208264	116.616393
2020		0.000000	2.722197	0.455341	3.177538
2019		0.000000	4.711905	0.867876	5.579781
2018		0.000000	5.426591	1.098256	6.524847
2017		0.000000	6.352944	1.309062	7.662006
2016		0.000000	7.144363	1.714511	8.858874
2015		0.000000	7.075997	1.831130	8.907127
2014		0.000000	7.053291	1.932728	8.986019
2013		0.000000	7.126765	2.061286	9.188051
2012		0.000000	7.232191	2.460811	9.693002
2011		0.000000	6.745399	2.577565	9.322964
2010		0.000000	6.331126	2.647377	8.978503
2009		0.000000	5.310390	2.304988	7.615378
2008		0.000000	3.139538	1.394827	4.534365
2007		0.000000	1.119951	0.502582	1.622533
2006		0.000000	5.832287	2.675383	8.507670
2005		0.000000	4.511175	2.103819	6.614994
2004		0.000000	0.572019	0.270722	0.842741

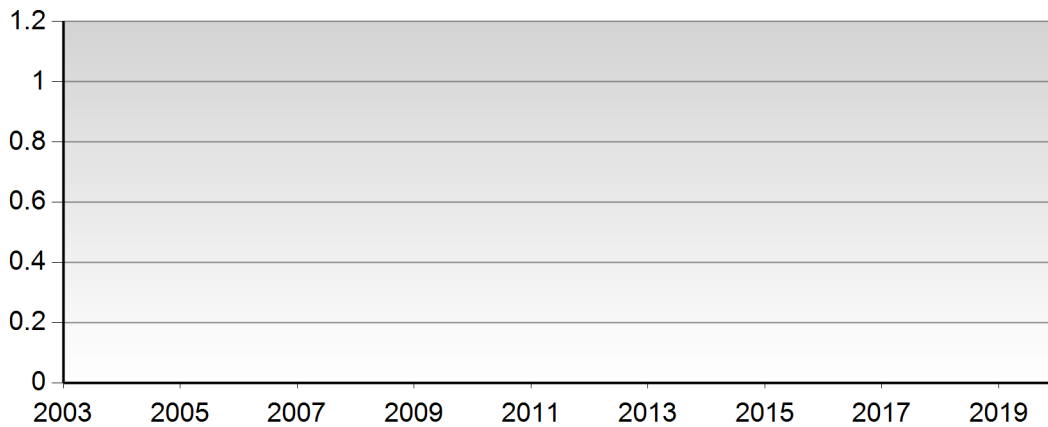
Production - charts



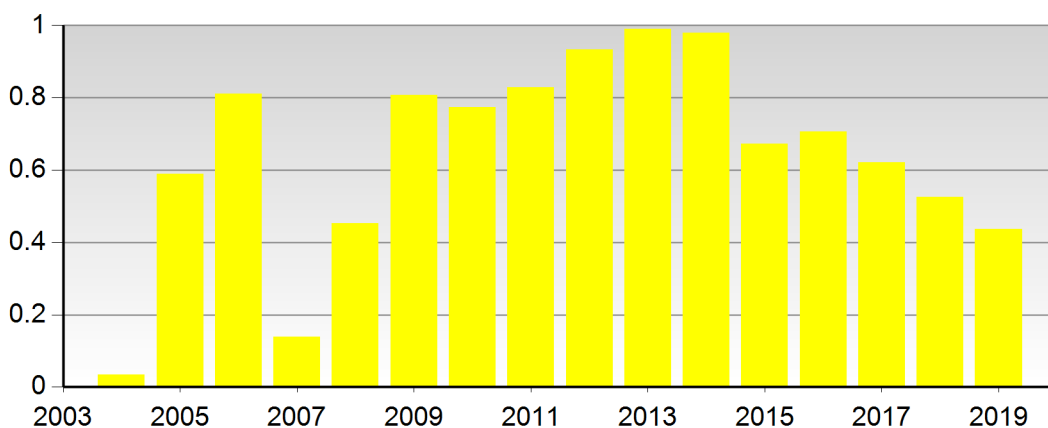
Net - gas [bill Sm³]

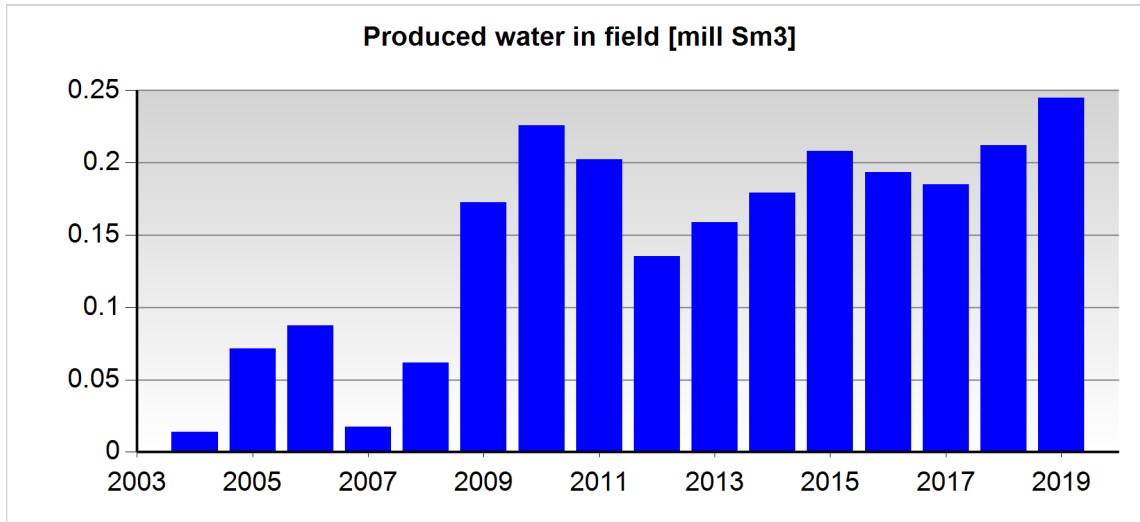


Net - condensate [mill Sm³]



Net - NGL [mill Sm³]





Any produced water is only included after 1.1.2000

Wellbores - exploration

Wellbore name	Entered date	Completed date	Purpose	Status	Content
34/11-1	07.07.1994	25.10.1994	WILDCAT	P&A	GAS/CONDE NSATE
34/11-3	01.08.1996	16.01.1997	APPRAISAL	P&A	GAS/CONDE NSATE

Wellbores - development

Wellbore name	Entered date	Completed date	Purpose	Content
34/11-A-1	11.10.2010	18.11.2012	PRODUCTION	GAS/CONDE NSATE
34/11-A-1 A			PRODUCTION	
34/11-A-2	07.03.2006	23.10.2006	PRODUCTION	NOT APPLICABLE
34/11-A-2 A	16.05.2017	26.12.2017	PRODUCTION	GAS/CONDE NSATE
34/11-A-3	09.02.2004	29.11.2008	PRODUCTION	GAS/CONDE NSATE
34/11-A-3 A	21.07.2017	03.10.2017	PRODUCTION	GAS/CONDE NSATE
34/11-A-4	17.01.2004	08.07.2004	PRODUCTION	GAS/CONDE NSATE
34/11-A-5	07.11.2003	01.10.2004	PRODUCTION	GAS/CONDE NSATE
34/11-A-6	22.01.2004	01.01.2006	PRODUCTION	GAS/CONDE NSATE
34/11-A-7	03.03.2010	13.06.2013	PRODUCTION	GAS/CONDE NSATE
34/11-A-8	17.12.2003	02.01.2004	INJECTION	WATER
34/11-A-9	27.12.2008	20.11.2009	PRODUCTION	GAS/CONDE NSATE
34/11-A-9 A	06.05.2020		PRODUCTION	



NPD Factpages

Field

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34/11-A-10	28.01.2004	22.09.2005	PRODUCTION	GAS/CONDENSATE
34/11-A-10 A	18.11.2015	10.02.2016	PRODUCTION	GAS
34/11-A-10 B	26.07.2020		PRODUCTION	
34/11-A-11	03.01.2004	29.12.2004	PRODUCTION	GAS/CONDENSATE
34/11-A-12	02.08.2007	23.11.2007	PRODUCTION	GAS/CONDENSATE
34/11-A-12 A	07.07.2016	19.12.2016	PRODUCTION	GAS
34/11-A-13	15.03.2006	21.07.2007	PRODUCTION	GAS/CONDENSATE
34/11-A-14	29.01.2004	08.02.2005	PRODUCTION	GAS
34/11-A-15	11.01.2004	16.07.2005	PRODUCTION	GAS/CONDENSATE
34/11-A-16	17.12.2014	27.06.2015	OBSERVATION	GAS/CONDENSATE
34/11-A-16 A	31.08.2015	30.09.2015	PRODUCTION	GAS

Wellbores - other

Wellbore name	Entered date	Completed date	Purpose	Status
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