

**General information**

Field name	KNARR
Factmaps in new window	<a href="#">link to map</a>
Current activity status	Shut down
Discovery wellbore	<a href="#">34/3-1 S</a>
Discovery year.	2008
Main area	North sea
Main supply base	Florø
NPDID field	20460988

**Picture**

**Discoveries included**

Discovery name
<a href="#">34/3-1 S Knarr</a>
<a href="#">34/3-3 S</a>

**Activity status - history**

Status	Status from	Status to
Shut down	01.05.2022	
Producing	16.03.2015	30.04.2022
Approved for production	09.06.2011	15.03.2015

**Located in**

Block name	Prod. licence
34/3	

**Owner - current**

Owner kind	Owner name
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**Operatorship - current**

Company name
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**Licensees - current**

Company name	Nation code	Company share [%]
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**The NPD estimate for reserves (Norwegian share)**

Valid date: 31.12.2022

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]
9.60	0.41	0.64	0.00	11.23

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

Orig. inplace oil [mill Sm3]	Orig. inplace ass. liquid [mill Sm3]	Orig. inplace ass. gas [bill Sm3]	Orig. inplace free gas [bill Sm3]
32.00	0.00	4.00	0.00

**Description**

Type	Text	Date updated
Development	Knarr is a field in the northern part of the North Sea, 50 kilometres northeast of the Snorre field. The water depth is 400 metres. Knarr was discovered in 2008, and the plan for development and operation (PDO) was approved in 2011. The Knarr field consists of two segments, Knarr West and Knarr Central. The development comprised a floating production, storage and offloading vessel (FPSO) and two subsea templates, including six production and injection wells. Production started in 2015.	28.02.2023
Reservoir	Knarr produced oil from Lower Jurassic sandstone in the Cook Formation. The reservoirs lie at a depth of 3,800 metres and have moderate to good quality.	28.02.2023
Recovery strategy	The field was produced with water injection for pressure maintenance.	28.02.2023
Transport	Oil was processed and stored on the Knarr FPSO and offloaded to shuttle tankers for export. Gas was exported via the Far North Liquids and Associated Gas System (FLAGS) to St Fergus in the UK.	28.02.2023
Status	Production from Knarr ceased in 2022. According to the formal removal resolution, decommissioning must be completed six years after cease of production.	28.02.2023

**Investments (expected)**

The operators future investments related to the reservers from 2022 [mill NOK 2022-kroner]. The stated investment estimate has not been corrected for possible investment sharing.	0
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**Investments (historical)**





	Investments [mill NOK nominal values]
Sum	14200
2021	-8
2020	648
2019	65
2018	27
2017	22
2016	0
2015	1206
2014	5261
2013	4905
2012	1540
2011	534

### Production , saleable

	Month	Net - oil [mill Sm3]	Net - gas [bill Sm3]	Net - condensate [mill Sm3]	Net - NGL [mill Sm3]	Net - oil equivalent [mill Sm3]
Sum		9.604349	0.407461	0.000000	1.350692	11.362502
2023		0.000000	0.000000	0.000000	0.000000	0.000000
	1	0.000000	0.000000	0.000000	0.000000	0.000000
	2	0.000000	0.000000	0.000000	0.000000	0.000000
	3	0.000000	0.000000	0.000000	0.000000	0.000000
	4	0.000000	0.000000	0.000000	0.000000	0.000000
	5	0.000000	0.000000	0.000000	0.000000	0.000000
	6	0.000000	0.000000	0.000000	0.000000	0.000000
2022		0.142338	0.003878	0.000000	0.008085	0.154301
	1	0.043227	0.001221	0.000000	0.002393	0.046841
	2	0.034074	0.000557	0.000000	0.001156	0.035787
	3	0.038683	0.000687	0.000000	0.001757	0.041127
	4	0.026353	0.000815	0.000000	0.001782	0.028950
	5	0.000001	0.000000	0.000000	0.000000	0.000001
	6	0.000000	0.000000	0.000000	0.000000	0.000000
	7	0.000000	0.000000	0.000000	0.000000	0.000000
	8	0.000000	0.000000	0.000000	0.000000	0.000000
	9	0.000000	0.000000	0.000000	0.000000	0.000000
	10	0.000000	0.000000	0.000000	0.000000	0.000000
	11	0.000000	0.000000	0.000000	0.000000	0.000000
12	0.000000	0.000598	0.000000	0.000997	0.001595	
2021		0.571293	0.018973	0.000000	0.056805	0.647071
	1	0.058177	0.001974	0.000000	0.006700	0.066851



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2021	2	0.063536	0.002385	0.000000	0.008009	0.073930
	3	0.065273	0.002331	0.000000	0.008135	0.075739
	4	0.027189	0.000889	0.000000	0.002456	0.030534
	5	0.045270	0.001283	0.000000	0.002645	0.049198
	6	0.048143	0.001714	0.000000	0.003939	0.053796
	7	0.050578	0.001635	0.000000	0.005087	0.057300
	8	0.050617	0.002337	0.000000	0.008070	0.061024
	9	0.044371	0.001353	0.000000	0.004600	0.050324
	10	0.044915	0.001195	0.000000	0.003087	0.049197
	11	0.036500	0.000887	0.000000	0.002144	0.039531
	12	0.036724	0.000990	0.000000	0.001933	0.039647
	2020		0.899140	0.034254	0.000000	0.105690
1		0.053597	0.001831	0.000000	0.004428	0.059856
2		0.051758	0.001331	0.000000	0.005283	0.058372
3		0.050488	0.001209	0.000000	0.005041	0.056738
4		0.049939	0.000977	0.000000	0.004432	0.055348
5		0.031100	0.000465	0.000000	0.002308	0.033873
6		0.050295	0.001673	0.000000	0.005927	0.057895
7		0.123731	0.005533	0.000000	0.016081	0.145345
8		0.092012	0.004207	0.000000	0.011707	0.107926
9		0.116450	0.005634	0.000000	0.015000	0.137084
10		0.100760	0.004274	0.000000	0.012570	0.117604
11		0.092385	0.003856	0.000000	0.011927	0.108168
12	0.086625	0.003264	0.000000	0.010986	0.100875	
2019		0.699068	0.023527	0.000000	0.076317	0.798912
	1	0.079996	0.002822	0.000000	0.010827	0.093645
	2	0.055806	0.001958	0.000000	0.007186	0.064950
	3	0.063796	0.001861	0.000000	0.007367	0.073024
	4	0.063693	0.002111	0.000000	0.008563	0.074367
	5	0.063541	0.001992	0.000000	0.007921	0.073454
	6	0.056746	0.002064	0.000000	0.007716	0.066526
	7	0.043865	0.001286	0.000000	0.005025	0.050176
	8	0.061792	0.002160	0.000000	0.006721	0.070673
	9	0.044955	0.001300	0.000000	0.002711	0.048966
	10	0.048011	0.001717	0.000000	0.003110	0.052838
	11	0.056733	0.002019	0.000000	0.004308	0.063060
12	0.060134	0.002237	0.000000	0.004862	0.067233	
2018		1.004962	0.034631	0.000000	0.129099	1.168692
	1	0.130931	0.005287	0.000000	0.019803	0.156021
	2	0.091487	0.003261	0.000000	0.012125	0.106873
	3	0.106580	0.004153	0.000000	0.016148	0.126881
	4	0.109912	0.004488	0.000000	0.016753	0.131153
	5	0.081753	0.002829	0.000000	0.010662	0.095244



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2018	6	0.070038	0.002323	0.000000	0.009336	0.081697
	7	0.053560	0.001813	0.000000	0.006850	0.062223
	8	0.094812	0.003774	0.000000	0.012355	0.110941
	9	0.038897	0.000187	0.000000	0.000572	0.039656
	10	0.071335	0.000855	0.000000	0.003193	0.075383
	11	0.078604	0.002971	0.000000	0.011129	0.092704
	12	0.077053	0.002690	0.000000	0.010173	0.089916
2017		2.285311	0.109760	0.000000	0.372946	2.768017
	1	0.256891	0.013908	0.000000	0.044906	0.315705
	2	0.203024	0.009977	0.000000	0.033681	0.246682
	3	0.257778	0.013547	0.000000	0.047369	0.318694
	4	0.230476	0.012032	0.000000	0.041433	0.283941
	5	0.219121	0.011151	0.000000	0.039364	0.269636
	6	0.183452	0.008676	0.000000	0.027148	0.219276
	7	0.175002	0.007594	0.000000	0.025794	0.208390
	8	0.166639	0.007752	0.000000	0.026457	0.200848
	9	0.122893	0.004952	0.000000	0.017198	0.145043
	10	0.166881	0.007574	0.000000	0.025659	0.200114
	11	0.161874	0.006832	0.000000	0.023308	0.192014
12	0.141280	0.005765	0.000000	0.020629	0.167674	
2016		2.733768	0.141577	0.000000	0.479556	3.354901
	1	0.168539	0.008685	0.000000	0.030840	0.208064
	2	0.146876	0.007091	0.000000	0.025776	0.179743
	3	0.202837	0.009880	0.000000	0.032863	0.245580
	4	0.200367	0.010105	0.000000	0.034166	0.244638
	5	0.183603	0.008861	0.000000	0.031707	0.224171
	6	0.238833	0.011674	0.000000	0.046459	0.296966
	7	0.267161	0.013388	0.000000	0.046662	0.327211
	8	0.299151	0.015750	0.000000	0.053483	0.368384
	9	0.216575	0.012548	0.000000	0.030908	0.260031
	10	0.270751	0.014201	0.000000	0.048130	0.333082
	11	0.261962	0.014263	0.000000	0.047434	0.323659
12	0.277113	0.015131	0.000000	0.051128	0.343372	
2015		1.268469	0.040861	0.000000	0.122194	1.431524
	3	0.000000	0.000000	0.000000	0.000000	0.000000
	4	0.000000	0.000000	0.000000	0.000000	0.000000
	5	0.075111	0.000000	0.000000	0.000000	0.075111
	6	0.182482	0.000000	0.000000	0.000000	0.182482
	7	0.094772	0.000876	0.000000	0.001545	0.097193
	8	0.086012	0.003187	0.000000	0.006700	0.095899
	9	0.179400	0.006177	0.000000	0.012414	0.197991
	10	0.182271	0.008935	0.000000	0.028054	0.219260
	11	0.207304	0.012303	0.000000	0.041194	0.260801



2015	12	0.261117	0.009383	0.000000	0.032287	0.302787
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### Production , sum wellbores

	Month	Gross - oil [mill Sm3]	Gross - gas [bill Sm3]	Gross - condensate [mill Sm3]	Gross - oil equivalents [mill Sm3]
Sum		9.653275	1.130503	0.000000	10.783778
2023		0.000000	0.000000	0.000000	0.000000
	1	0.000000	0.000000	0.000000	0.000000
	2	0.000000	0.000000	0.000000	0.000000
	3	0.000000	0.000000	0.000000	0.000000
	4	0.000000	0.000000	0.000000	0.000000
	5	0.000000	0.000000	0.000000	0.000000
	6	0.000000	0.000000	0.000000	0.000000
2022		0.142338	0.019241	0.000000	0.161579
	1	0.043227	0.005150	0.000000	0.048377
	2	0.034074	0.004025	0.000000	0.038099
	3	0.038683	0.004421	0.000000	0.043104
	4	0.026353	0.003323	0.000000	0.029676
	5	0.000001	0.002322	0.000000	0.002323
	6	0.000000	0.000000	0.000000	0.000000
	7	0.000000	0.000000	0.000000	0.000000
	8	0.000000	0.000000	0.000000	0.000000
	9	0.000000	0.000000	0.000000	0.000000
	10	0.000000	0.000000	0.000000	0.000000
	11	0.000000	0.000000	0.000000	0.000000
12	0.000000	0.000000	0.000000	0.000000	
2021		0.571293	0.070019	0.000000	0.641312
	1	0.058177	0.006736	0.000000	0.064913
	2	0.063536	0.007532	0.000000	0.071068
	3	0.065273	0.007807	0.000000	0.073080
	4	0.027189	0.003113	0.000000	0.030302
	5	0.045270	0.005366	0.000000	0.050636
	6	0.048143	0.005897	0.000000	0.054040
	7	0.050578	0.006205	0.000000	0.056783
	8	0.050617	0.007858	0.000000	0.058475
	9	0.044371	0.005375	0.000000	0.049746
	10	0.044915	0.005254	0.000000	0.050169
	11	0.036500	0.004344	0.000000	0.040844
12	0.036724	0.004532	0.000000	0.041256	
2020		0.899140	0.102334	0.000000	1.001474
	1	0.053597	0.006385	0.000000	0.059982
	2	0.051758	0.006044	0.000000	0.057802



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2020		3	0.050488	0.005969	0.000000	0.056457	
		4	0.049939	0.005564	0.000000	0.055503	
		5	0.031100	0.003441	0.000000	0.034541	
		6	0.050295	0.005881	0.000000	0.056176	
		7	0.123731	0.013857	0.000000	0.137588	
		8	0.092012	0.010328	0.000000	0.102340	
		9	0.116450	0.013257	0.000000	0.129707	
		10	0.100760	0.011477	0.000000	0.112237	
		11	0.092385	0.010383	0.000000	0.102768	
		12	0.086625	0.009748	0.000000	0.096373	
	2019			0.699068	0.082709	0.000000	0.781777
			1	0.079996	0.009371	0.000000	0.089367
		2	0.055806	0.006693	0.000000	0.062499	
		3	0.063796	0.007646	0.000000	0.071442	
		4	0.063693	0.007662	0.000000	0.071355	
		5	0.063541	0.007509	0.000000	0.071050	
		6	0.056746	0.006939	0.000000	0.063685	
		7	0.043865	0.005186	0.000000	0.049051	
		8	0.061792	0.007430	0.000000	0.069222	
		9	0.044955	0.004994	0.000000	0.049949	
		10	0.048011	0.005715	0.000000	0.053726	
		11	0.056733	0.006483	0.000000	0.063216	
	12	0.060134	0.007081	0.000000	0.067215		
2018			1.004962	0.109075	0.000000	1.114037	
		1	0.130931	0.014727	0.000000	0.145658	
		2	0.091487	0.010218	0.000000	0.101705	
		3	0.106580	0.012288	0.000000	0.118868	
		4	0.109912	0.007330	0.000000	0.117242	
		5	0.081753	0.009021	0.000000	0.090774	
		6	0.070038	0.007848	0.000000	0.077886	
		7	0.053560	0.006000	0.000000	0.059560	
		8	0.094812	0.010862	0.000000	0.105674	
		9	0.038897	0.004493	0.000000	0.043390	
		10	0.071335	0.007870	0.000000	0.079205	
		11	0.078604	0.009344	0.000000	0.087948	
	12	0.077053	0.009074	0.000000	0.086127		
2017			2.285311	0.259430	0.000000	2.544741	
		1	0.256891	0.030343	0.000000	0.287234	
		2	0.203024	0.023624	0.000000	0.226648	
		3	0.257778	0.030071	0.000000	0.287849	
		4	0.230476	0.026648	0.000000	0.257124	
		5	0.219121	0.025298	0.000000	0.244419	
	6	0.183452	0.020500	0.000000	0.203952		





# NPD Factpages

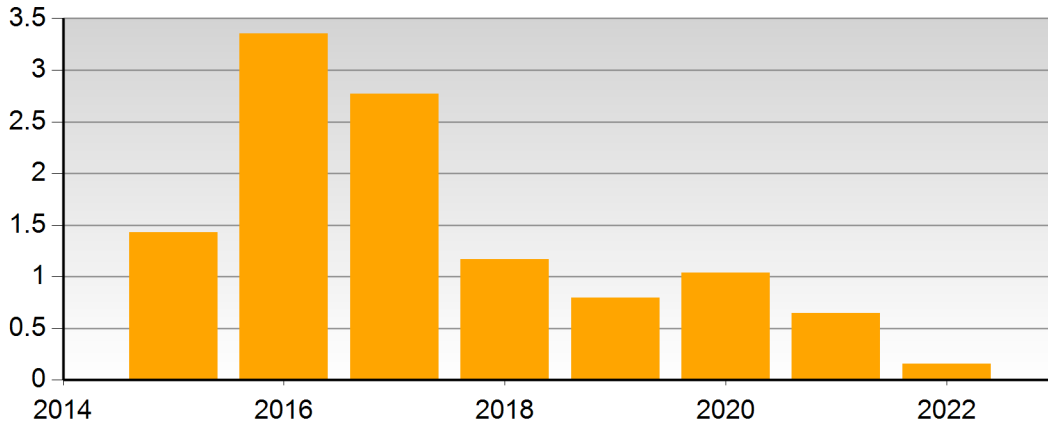
## Field

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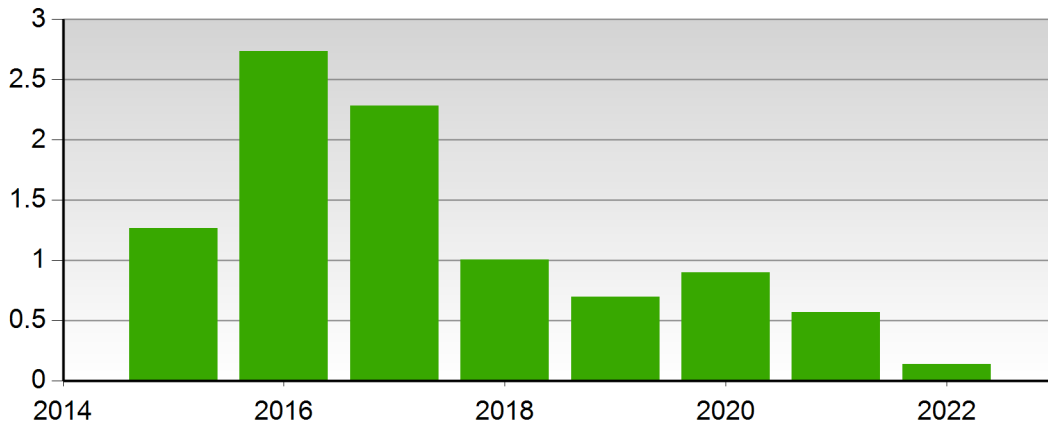
2017	7	0.175002	0.018766	0.000000	0.193768
	8	0.166639	0.018870	0.000000	0.185509
	9	0.122893	0.013575	0.000000	0.136468
	10	0.166881	0.018418	0.000000	0.185299
	11	0.161874	0.017625	0.000000	0.179499
	12	0.141280	0.015692	0.000000	0.156972
2016		2.733768	0.324710	0.000000	3.058478
	1	0.168539	0.021496	0.000000	0.190035
	2	0.146876	0.017900	0.000000	0.164776
	3	0.202837	0.025135	0.000000	0.227972
	4	0.200367	0.024077	0.000000	0.224444
	5	0.183603	0.021856	0.000000	0.205459
	6	0.238833	0.028215	0.000000	0.267048
	7	0.267161	0.030623	0.000000	0.297784
	8	0.299151	0.034356	0.000000	0.333507
	9	0.216575	0.025096	0.000000	0.241671
	10	0.270751	0.031616	0.000000	0.302367
	11	0.261962	0.031048	0.000000	0.293010
	12	0.277113	0.033292	0.000000	0.310405
2015		1.317395	0.162985	0.000000	1.480380
	3	0.016154	0.001546	0.000000	0.017700
	4	0.073219	0.011565	0.000000	0.084784
	5	0.095707	0.012240	0.000000	0.107947
	6	0.108607	0.013234	0.000000	0.121841
	7	0.134482	0.016267	0.000000	0.150749
	8	0.096723	0.010916	0.000000	0.107639
	9	0.161096	0.019810	0.000000	0.180906
	10	0.201598	0.024787	0.000000	0.226385
	11	0.227412	0.028202	0.000000	0.255614
	12	0.202397	0.024418	0.000000	0.226815

## Production - charts

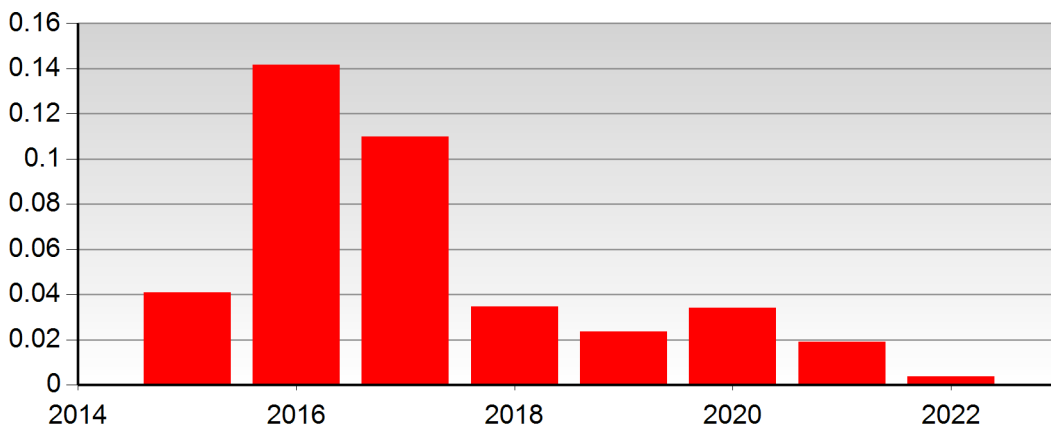
### Net - oil equivalents [mill Sm<sup>3</sup>]

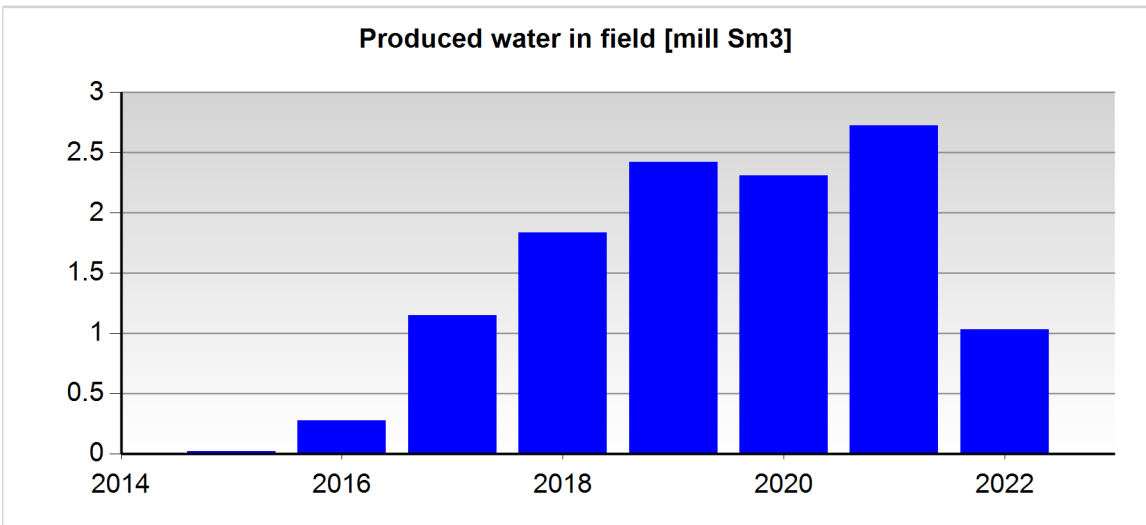
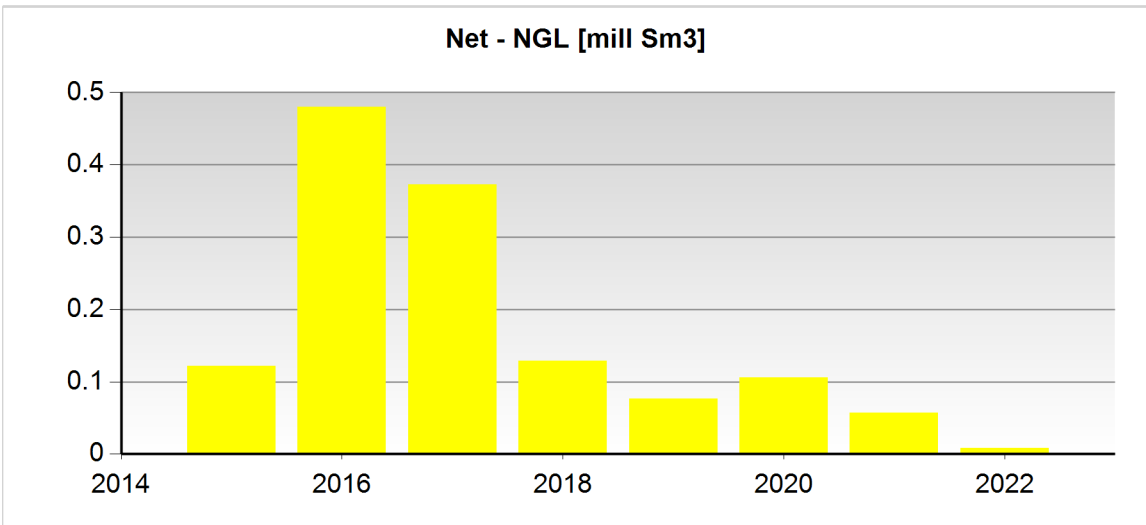
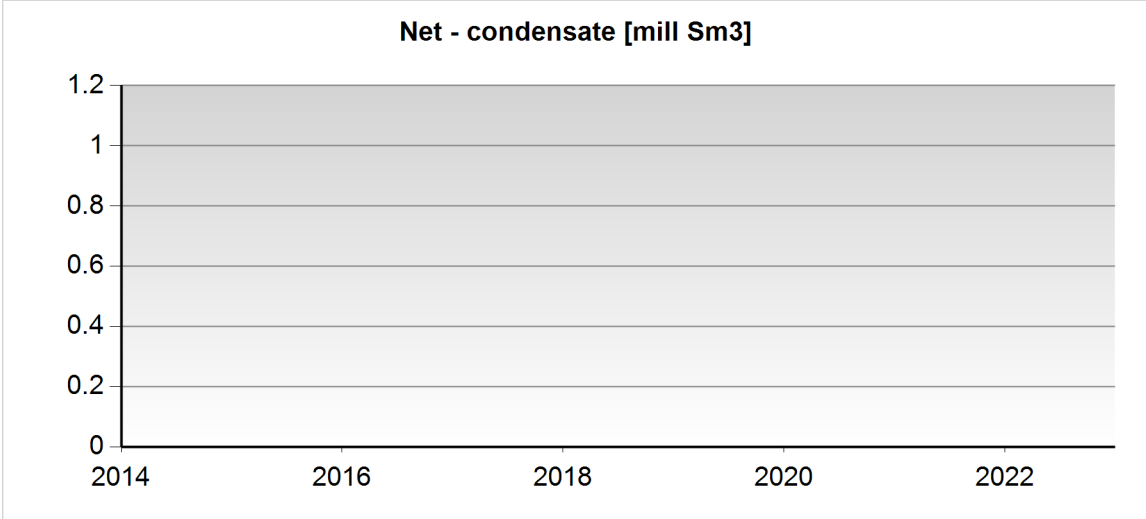


### Net - oil [mill Sm<sup>3</sup>]



### Net - gas [bill Sm<sup>3</sup>]





Any produced water is only included after 1.1.2000

**Wellbores - exploration**



Wellbore name	Entered date	Completed date	Purpose	Status	Content
<a href="#">34/3-1 A</a>	10.09.2008	30.10.2008	APPRAISAL	P&A	OIL
<a href="#">34/3-1 S</a>	28.04.2008	10.09.2008	WILDCAT	P&A	OIL
<a href="#">34/3-3 A</a>	21.11.2011	03.01.2012	APPRAISAL	P&A	OIL
<a href="#">34/3-3 S</a>	10.09.2011	19.11.2011	WILDCAT	P&A	OIL

**Wellbores - development**

Wellbore name	Entered date	Completed date	Purpose	Content
<a href="#">34/3-A-1 H</a>	26.07.2013	15.04.2014	PRODUCTION	OIL
<a href="#">34/3-A-2 H</a>	23.07.2013	03.06.2014	PRODUCTION	OIL
<a href="#">34/3-A-3 AH</a>	27.02.2020	14.05.2020	PRODUCTION	OIL
<a href="#">34/3-A-4 H</a>	19.07.2013	05.10.2014	PRODUCTION	OIL
<a href="#">34/3-B-1 H</a>	04.11.2013	24.07.2014	INJECTION	WATER
<a href="#">34/3-B-2 H</a>	03.11.2013	25.03.2014	INJECTION	WATER
<a href="#">34/3-B-4 H</a>	30.10.2013	13.03.2014	INJECTION	WATER

**Wellbores - other**

Wellbore name	Entered date	Completed date	Purpose	Status
<a href="#">34/3-A-3 H</a>	11.07.2013	12.07.2013	SHALLOW GAS	PLUGGED
<a href="#">34/3-B-3 H</a>	20.11.2013	21.11.2013	SHALLOW GAS	PLUGGED
<a href="#">34/3-U-3</a>			SOIL DRILLING	
<a href="#">34/3-U-4</a>			SOIL DRILLING	
<a href="#">34/3-U-5</a>			SOIL DRILLING	
<a href="#">34/3-U-6</a>			SOIL DRILLING	
<a href="#">34/3-U-7</a>			SOIL DRILLING	
<a href="#">34/3-U-8</a>			SOIL DRILLING	
<a href="#">34/3-U-9</a>			SOIL DRILLING	
<a href="#">34/3-U-10</a>			SOIL DRILLING	
<a href="#">34/3-U-11</a>			SOIL DRILLING	
<a href="#">34/3-U-12</a>			SOIL DRILLING	
<a href="#">34/3-U-13</a>			SOIL DRILLING	
<a href="#">34/3-U-14</a>			SOIL DRILLING	



<a href="#">34/3-U-15</a>			SOIL DRILLING	
<a href="#">34/6-U-1</a>			SOIL DRILLING	
<a href="#">34/6-U-2</a>			SOIL DRILLING	
<a href="#">34/6-U-3</a>			SOIL DRILLING	
<a href="#">34/6-U-4</a>			SOIL DRILLING	
<a href="#">34/6-U-5</a>			SOIL DRILLING	