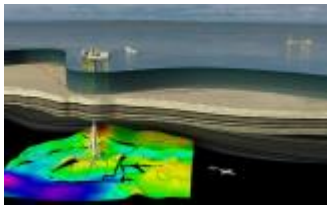
General information

Field name	GINA KROG
Factmaps in new window	link to map
Current activity status	Producing
Discovery wellbore	15/5-1
Discovery year.	1978
Main area	North sea
Main supply base	Dusavik
NPDID field	23384544

Picture



Discoveries included

Discovery name
15/5-1 Gina Krog

Activity status - history

Status	Status from	Status to
Producing	30.06.2017	
Approved for production	21.05.2013	29.06.2017

Located in

Block name	Prod. licence
15/5	048
15/6	029 C
15/6	029 B
15/6	303

Owner - current

Owner kind	Owner name
BUSINESS ARRANGEMENT AREA	GINA KROG UNIT

Operatorship - current

Company name
Equinor Energy AS

Licensees - current

Company name	Nation code	Company share [%]
Equinor Energy AS	NO	58.700000
Orlen Upstream Norway 2 AS	NO	30.000000
PGNiG Upstream Norway AS	NO	11.300000

Norwegian Offshore Directorate - estimate for reserves (Norwegian share)

Valid date: 31.12.2023

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]
10.05	18.46	0.85	0.00	30.13

Remaining oil [mill Sm3]	Remaining gas [bill Sm3]	Remaining NGL [mill tonn]	Remaining cond. [mill Sm3]	Remaining oil eq. [mill Sm3 o.e]
2.03	10.08	0.18	0.00	12.45

Orig. inplace oil [mill Sm3]	Orig. inplace ass. liquid [mill Sm3]	Orig. inplace ass. gas [bill Sm3]	Orig. inplace free gas [bill Sm3]
24.00	12.00	5.00	21.00

Description

Type	Text	Date updated
Development	Gina Krog is a field on the Utsira High in the central part of the North Sea, just north of the Sleipner Vest field. The water depth is 120 metres. Gina Krog was discovered in 1978, and the plan for development and operation (PDO) was approved in 2013. The field is developed with a fixed platform with living quarters and processing facilities. The production started in 2017. An amended PDO for an alternative oil export solution was approved in 2022. Since September 2023, Gina Krog is fully electrified by power from shore via the Johan Sverdrup field.	13.12.2023
Reservoir	Gina Krog produces oil and gas from sandstone of Middle Jurassic age in the Hugin Formation. The field is structurally complex and segmented, and the reservoir depth is 3300-3900 metres. Reservoir thickness and quality are varying.	13.12.2023
Recovery strategy	The field has earlier been produced by gas injection in most reservoir segments. Since 2021, all segments are produced by pressure depletion.	28.02.2023
Transport	Stabilised oil and condensate are transported to a floating storage and offloading vessel (Randgrid FSO), and then offloaded to shuttle tankers for further transport. Rich gas is exported to the Sleipner A facility for further processing. Sales gas is exported from Sleipner A via Gassled (Area D) to the market, while unstable condensate is exported to the Kårstø terminal.	28.02.2023

Status	Oil production is declining, and to keep the production as high as possible, gas lift is used in some of the wells. In addition, two injection wells have been converted to producers. The strategy is to keep the gas production at plateau while at the same time maximising oil production. The second drilling campaign on Gina Krog started in June 2023 with two new wells, one with an exploration target. A PDO for the subsea tie-back of the discovery 15/5-2 Eirin was delivered in September 2023. The alternative oil export solution, which includes a pipeline from Gina Krog to the Sleipner A platform, is planned to be in operation in 2024.	13.12.2023

Investments (expected)

The operators future investments related to the reservers from 2023 [mill NOK 2023-kroner]. The stated investment estimate has not been corrected for possible investment sharing.	3023

Investments (historical)

	Investments [mill NOK nominal values]
Sum	31772
2022	691
2021	349
2020	233
2019	1434
2018	2631
2017	5147
2016	7139
2015	7551
2014	4450
2013	2147
2012	0
2011	0
2010	0
2009	0
2008	0
2007	0
2006	0

Production , saleable

	Month	Net - oil [mill Sm3]	Net - gas [bill Sm3]	Net - condensate [mill Sm3]	Net - NGL [mill Sm3]	Net - oil equivalents [mill Sm3]
Sum		8.002359	8.411476	0.000000	1.292366	17.706201
2024		0.084751	0.249636	0.000000	0.006901	0.341288
	1	0.084751	0.249636	0.000000	0.006901	0.341288

2023		0.531425	2.330934	0.000000	0.069872	2.932231
	1	0.052378	0.221602	0.000000	0.005052	0.279032
	2	0.044637	0.192066	0.000000	0.005478	0.242181
	3	0.041147	0.190484	0.000000	0.005705	0.237336
	4	0.037958	0.199754	0.000000	0.006004	0.243716
	5	0.037882	0.221585	0.000000	0.006377	0.265844
	6	0.031032	0.195012	0.000000	0.004895	0.230939
	7	0.033409	0.215410	0.000000	0.005632	0.254451
	8	0.031346	0.199908	0.000000	0.004934	0.236188
	9	0.014157	0.078658	0.000000	0.002284	0.095099
	10	0.039280	0.188290	0.000000	0.006810	0.234380
	11	0.081404	0.200263	0.000000	0.007569	0.289236
	12	0.086795	0.227902	0.000000	0.009132	0.323829
2022		0.659422	2.811199	0.000000	0.048479	3.519100
	1	0.065894	0.243461	0.000000	0.004495	0.313850
	2	0.058180	0.218448	0.000000	0.003952	0.280580
	3	0.068046	0.264723	0.000000	0.004378	0.337147
	4	0.060436	0.235119	0.000000	0.004021	0.299576
	5	0.063518	0.262345	0.000000	0.004593	0.330456
	6	0.056479	0.253915	0.000000	0.004649	0.315043
	7	0.052040	0.229525	0.000000	0.003912	0.285477
	8	0.048243	0.207114	0.000000	0.003670	0.259027
	9	0.040062	0.188108	0.000000	0.003543	0.231713
	10	0.053632	0.248136	0.000000	0.003691	0.305459
	11	0.045897	0.228327	0.000000	0.003506	0.277730
	12	0.046995	0.231978	0.000000	0.004069	0.283042
2021		0.870548	0.726501	0.000000	0.151919	1.748968
	1	0.097442	0.013800	0.000000	0.023819	0.135061
	2	0.079340	0.009478	0.000000	0.019319	0.108137
	3	0.092814	0.020314	0.000000	0.021639	0.134767
	4	0.082454	0.009599	0.000000	0.019759	0.111812
	5	0.068184	0.003490	0.000000	0.013251	0.084925
	6	0.078271	0.028004	0.000000	0.013918	0.120193
	7	0.079205	0.030736	0.000000	0.013624	0.123565
	8	0.063733	0.016883	0.000000	0.011732	0.092348
	9	0.027177	-0.007008	0.000000	0.001371	0.021540
	10	0.068892	0.122397	0.000000	0.004651	0.195940
	11	0.062992	0.217280	0.000000	0.003976	0.284248
	12	0.070044	0.261528	0.000000	0.004860	0.336432
2020		1.263810	0.249392	0.000000	0.285446	1.798648
	1	0.136689	0.008759	0.000000	0.030589	0.176037
	2	0.121609	0.010323	0.000000	0.028217	0.160149
	3	0.117740	0.032574	0.000000	0.027607	0.177921

2020	4	0.112912	0.010282	0.000000	0.024157	0.147351
	5	0.111211	0.020401	0.000000	0.026038	0.157650
	6	0.102710	0.020381	0.000000	0.025833	0.148924
	7	0.105604	0.012062	0.000000	0.023772	0.141438
	8	0.101151	0.020030	0.000000	0.024661	0.145842
	9	0.075513	0.038533	0.000000	0.017133	0.131179
	10	0.084243	0.042551	0.000000	0.015980	0.142774
	11	0.093857	0.021470	0.000000	0.018867	0.134194
	12	0.100571	0.012026	0.000000	0.022592	0.135189
2019		1.862087	0.851769	0.000000	0.375844	3.089700
	1	0.207373	0.161418	0.000000	0.034073	0.402864
	2	0.177992	0.126554	0.000000	0.030907	0.335453
	3	0.176559	0.151653	0.000000	0.033237	0.361449
	4	0.162055	0.085108	0.000000	0.034534	0.281697
	5	0.155476	0.039989	0.000000	0.033708	0.229173
	6	0.124347	0.050144	0.000000	0.027855	0.202346
	7	0.142134	0.053756	0.000000	0.034078	0.229968
	8	0.168523	0.097995	0.000000	0.033218	0.299736
	9	0.122318	0.055172	0.000000	0.023958	0.201448
	10	0.154691	0.012103	0.000000	0.029599	0.196393
	11	0.133894	0.006265	0.000000	0.027019	0.167178
	12	0.136725	0.011612	0.000000	0.033658	0.181995
2018		1.982788	0.605967	0.000000	0.269398	2.858153
	1	0.165018	0.060833	0.000000	0.017510	0.243361
	2	0.139888	0.024303	0.000000	0.015352	0.179543
	3	0.135447	0.031101	0.000000	0.016953	0.183501
	4	0.161594	0.086978	0.000000	0.020882	0.269454
	5	0.170637	0.017457	0.000000	0.021440	0.209534
	6	0.183180	0.059009	0.000000	0.027142	0.269331
	7	0.183769	0.056189	0.000000	0.028638	0.268596
	8	0.147101	0.010819	0.000000	0.022058	0.179978
	9	0.056139	0.014679	0.000000	0.005252	0.076070
	10	0.208088	0.057520	0.000000	0.029521	0.295129
	11	0.197804	0.088893	0.000000	0.032252	0.318949
	12	0.234123	0.098186	0.000000	0.032398	0.364707
2017		0.747528	0.586078	0.000000	0.084507	1.418113
	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	0.000026	0.000019	0.000000	0.000001	0.000046
	7	0.084542	0.067206	0.000000	0.009003	0.160751
	8	0.141580	0.084047	0.000000	0.012099	0.237726
	9	0.148171	0.098214	0.000000	0.013950	0.260335

2017	10	0.140449	0.119736	0.000000	0.017173	0.277358
	11	0.101459	0.112744	0.000000	0.016168	0.230371
	12	0.131301	0.104112	0.000000	0.016113	0.251526

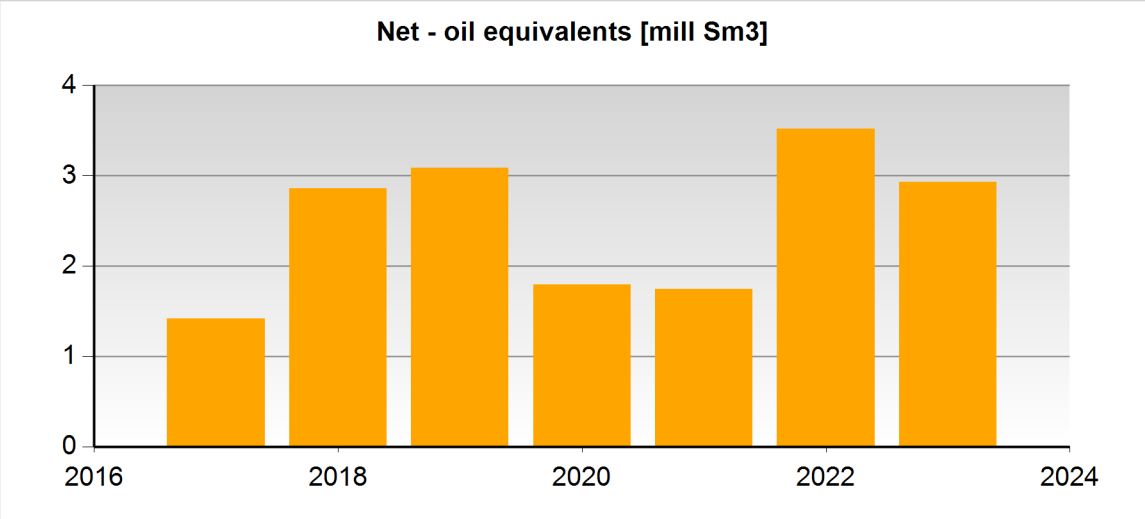
Production , sum wellbores

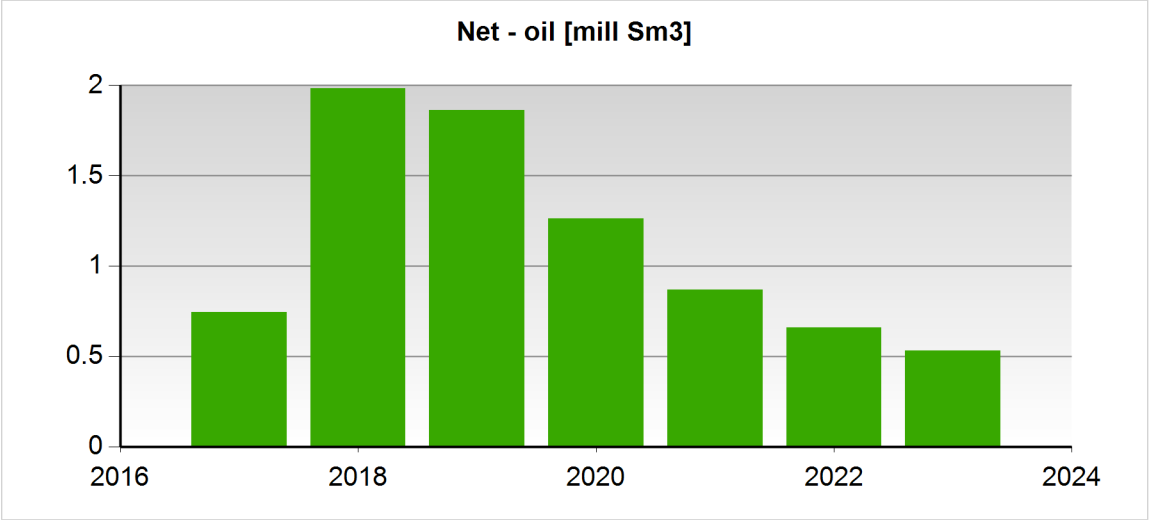
	Month	Gross - oil [mill Sm3]	Gross - gas [bill Sm3]	Gross - condensate [mill Sm3]	Gross - oil equivalents [mill Sm3]
Sum		7.257401	17.400029	0.000000	24.657430
2024		0.073789	0.264232	0.000000	0.338021
	1	0.073789	0.264232	0.000000	0.338021
2023		0.432165	2.490991	0.000000	2.923156
	1	0.043534	0.237571	0.000000	0.281105
	2	0.035992	0.206455	0.000000	0.242447
	3	0.033940	0.204753	0.000000	0.238693
	4	0.031795	0.214823	0.000000	0.246618
	5	0.027975	0.240032	0.000000	0.268007
	6	0.022946	0.208064	0.000000	0.231010
	7	0.025122	0.229578	0.000000	0.254700
	8	0.023237	0.213211	0.000000	0.236448
	9	0.011749	0.084062	0.000000	0.095811
	10	0.029605	0.199027	0.000000	0.228632
	11	0.071266	0.211722	0.000000	0.282988
	12	0.075004	0.241693	0.000000	0.316697
2022		0.563918	2.982429	0.000000	3.546347
	1	0.057749	0.257029	0.000000	0.314778
	2	0.051448	0.231706	0.000000	0.283154
	3	0.058487	0.280592	0.000000	0.339079
	4	0.052648	0.248765	0.000000	0.301413
	5	0.053543	0.278474	0.000000	0.332017
	6	0.049644	0.271558	0.000000	0.321202
	7	0.043853	0.244778	0.000000	0.288631
	8	0.041181	0.219551	0.000000	0.260732
	9	0.033856	0.198585	0.000000	0.232441
	10	0.044822	0.263073	0.000000	0.307895
	11	0.038185	0.241609	0.000000	0.279794
	12	0.038502	0.246709	0.000000	0.285211
2021		0.754996	2.873864	0.000000	3.628860
	1	0.085062	0.273168	0.000000	0.358230
	2	0.068778	0.231831	0.000000	0.300609
	3	0.080083	0.275802	0.000000	0.355885
	4	0.072424	0.261600	0.000000	0.334024
	5	0.059314	0.212173	0.000000	0.271487
	6	0.067185	0.266749	0.000000	0.333934

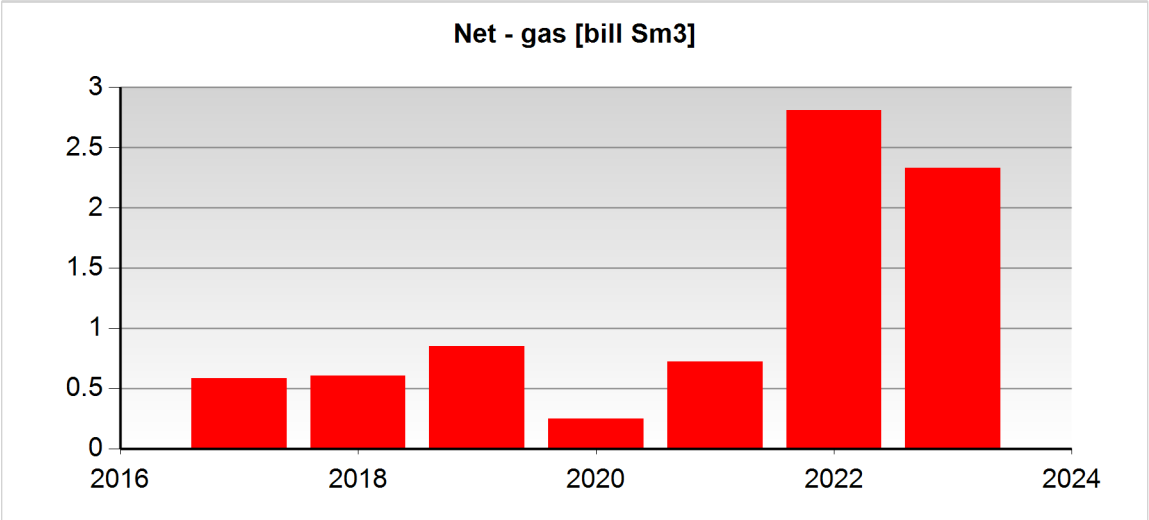
2021	7	0.068284	0.275959	0.000000	0.344243
	8	0.054042	0.235774	0.000000	0.289816
	9	0.024137	0.083342	0.000000	0.107479
	10	0.060592	0.249318	0.000000	0.309910
	11	0.055070	0.230581	0.000000	0.285651
	12	0.060025	0.277567	0.000000	0.337592
2020		1.126052	3.118898	0.000000	4.244950
	1	0.123484	0.273307	0.000000	0.396791
	2	0.109831	0.254244	0.000000	0.364075
	3	0.106292	0.264844	0.000000	0.371136
	4	0.103017	0.264979	0.000000	0.367996
	5	0.099047	0.272448	0.000000	0.371495
	6	0.090803	0.267259	0.000000	0.358062
	7	0.093306	0.275519	0.000000	0.368825
	8	0.088716	0.274768	0.000000	0.363484
	9	0.066886	0.206679	0.000000	0.273565
	10	0.074712	0.229088	0.000000	0.303800
	11	0.081339	0.260829	0.000000	0.342168
	12	0.088619	0.274934	0.000000	0.363553
2019		1.713440	3.073588	0.000000	4.787028
	1	0.193982	0.272159	0.000000	0.466141
	2	0.165643	0.243415	0.000000	0.409058
	3	0.162628	0.265171	0.000000	0.427799
	4	0.148595	0.267066	0.000000	0.415661
	5	0.141831	0.261420	0.000000	0.403251
	6	0.113837	0.221916	0.000000	0.335753
	7	0.129164	0.273759	0.000000	0.402923
	8	0.156205	0.273102	0.000000	0.429307
	9	0.113058	0.204560	0.000000	0.317618
	10	0.142064	0.275165	0.000000	0.417229
	11	0.122675	0.247728	0.000000	0.370403
	12	0.123758	0.268127	0.000000	0.391885
2018		1.880536	1.931535	0.000000	3.812071
	1	0.156687	0.138572	0.000000	0.295259
	2	0.132648	0.119863	0.000000	0.252511
	3	0.128456	0.120754	0.000000	0.249210
	4	0.152994	0.155037	0.000000	0.308031
	5	0.162278	0.147192	0.000000	0.309470
	6	0.173468	0.182668	0.000000	0.356136
	7	0.173276	0.196778	0.000000	0.370054
	8	0.139061	0.153899	0.000000	0.292960
	9	0.052857	0.051115	0.000000	0.103972
	10	0.199719	0.199659	0.000000	0.399378

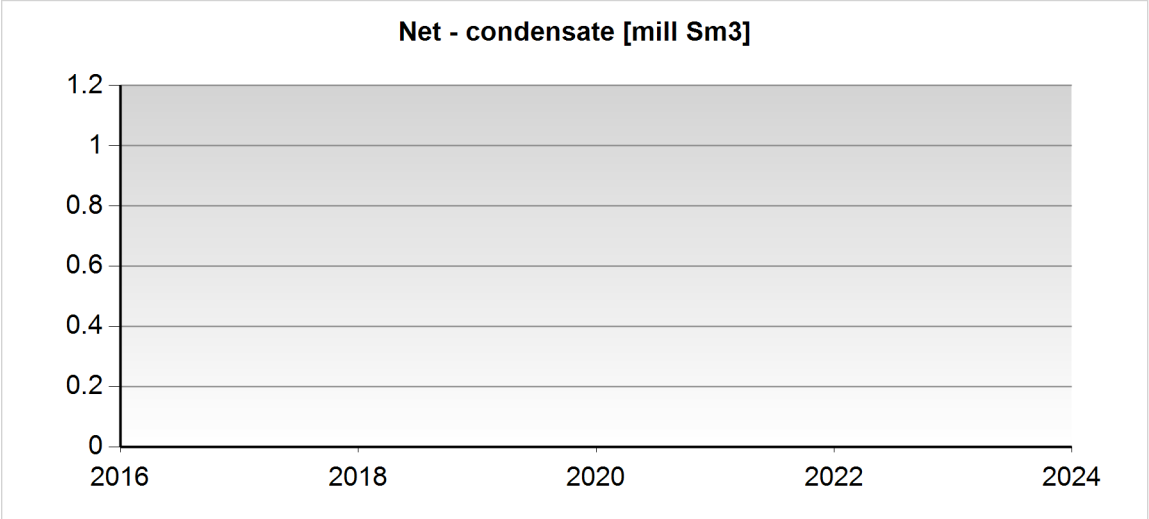
2018	11	0.187749	0.223419	0.000000	0.411168
	12	0.221343	0.242579	0.000000	0.463922
2017		0.712505	0.664492	0.000000	1.376997
	3	0.000000	0.000000	0.000000	0.000000
	4	0.000000	0.000000	0.000000	0.000000
	5	0.000000	0.000000	0.000000	0.000000
	6	0.000075	0.000026	0.000000	0.000101
	7	0.084315	0.076825	0.000000	0.161140
	8	0.136200	0.094211	0.000000	0.230411
	9	0.141724	0.110268	0.000000	0.251992
	10	0.132453	0.133724	0.000000	0.266177
	11	0.093930	0.125802	0.000000	0.219732
	12	0.123808	0.123636	0.000000	0.247444

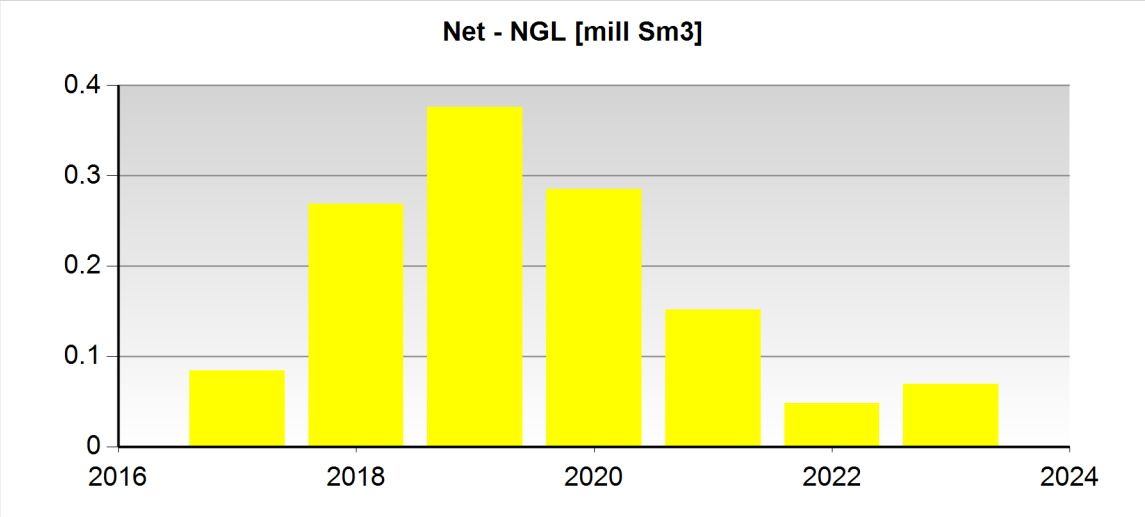
Production - charts

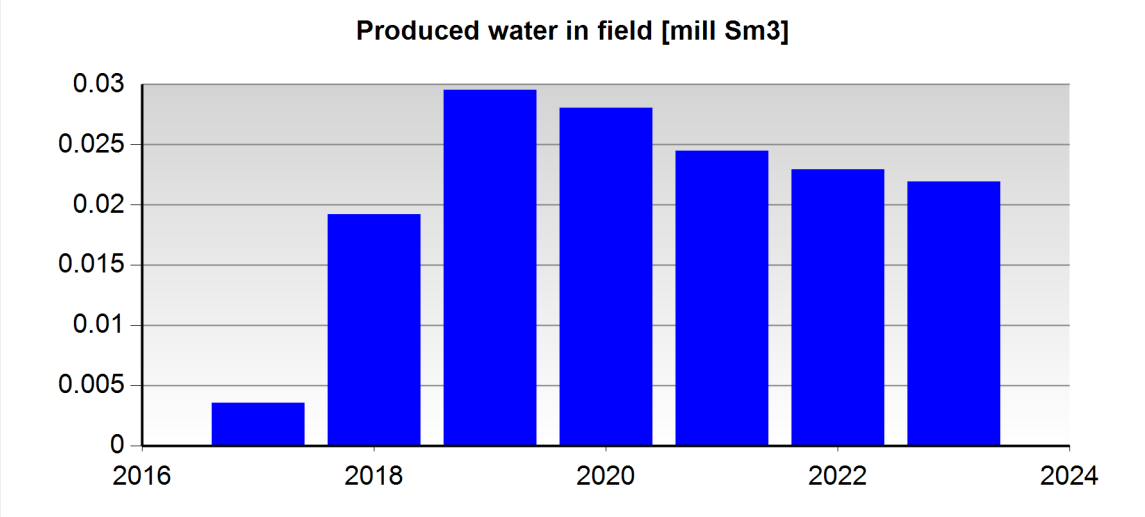



Net - oil [mill Sm3]
2
1.5
1
0.5
0
2016
2018
2020
2022
2024


Net - gas [bill Sm3]
3
2.5
2
1.5
1
0.5
0
2016
2018
2020
2022
2024


Net - condensate [mill Sm3]
1.2
1
0.8
0.6
0.4
0.2
0
2016
2018
2020
2022
2024





Any produced water is only included after 1.1.2000

Wellbores - exploration

Wellbore name	Entered date	Completed date	Purpose	Status	Content
15/5-1	26.11.1977	08.04.1978	WILDCAT	P&A	GAS/CONDENSATE
15/5-7	04.07.2008	07.09.2008	APPRAISAL	P&A	OIL
15/5-7 A	09.09.2008	13.10.2008	APPRAISAL	P&A	DRY
15/6-2	09.09.1971	26.10.1971	APPRAISAL	SUSPENDED	SHOWS
15/6-2 R	09.05.1974	01.08.1974	APPRAISAL	P&A	GAS/CONDENSATE
15/6-9 A	26.05.2007	13.06.2007	APPRAISAL	P&A	GAS/CONDENSATE
15/6-9 B	13.06.2007	23.07.2007	APPRAISAL	P&A	OIL
15/6-9 S	29.03.2007	27.05.2007	APPRAISAL	P&A	OIL/GAS
15/6-11 A	26.12.2010	13.03.2011	APPRAISAL	P&A	GAS/CONDENSATE
15/6-11 S	27.10.2010	19.12.2010	APPRAISAL	P&A	DRY

Wellbores - development

Wellbore name	Entered date	Completed date	Purpose	Content
15/6-B-1	02.05.2018	23.08.2018	PRODUCTION	OIL
15/6-B-1 A			PRODUCTION	NOT APPLICABLE
15/6-B-2	14.05.2016	23.01.2018	OBSERVATION	OIL
15/6-B-2 A	19.02.2018	10.04.2018	PRODUCTION	OIL
15/6-B-3	06.05.2018	16.10.2018	PRODUCTION	OIL
15/6-B-4	11.05.2018	05.05.2019	PRODUCTION	OIL
15/6-B-5	18.05.2019	23.07.2023	OBSERVATION	
15/6-B-5 A	04.08.2023	02.09.2023	PRODUCTION	
15/6-B-6	26.08.2015	10.12.2015	OBSERVATION	OIL
15/6-B-6 A	12.12.2015	08.01.2016	PRODUCTION	OIL
15/6-B-7	01.09.2015	09.10.2015	INJECTION	GAS
15/6-B-8	03.08.2016	17.12.2018	PRODUCTION	GAS
15/6-B-9	22.02.2019	13.03.2019	INJECTION	GAS
15/6-B-11	13.07.2017	26.11.2017	PRODUCTION	OIL
15/6-B-12	23.05.2016	01.10.2017	PRODUCTION	GAS
15/6-B-13	30.07.2016	13.02.2019	INJECTION	GAS
15/6-B-14	17.05.2016	22.11.2018	INJECTION	GAS
15/6-B-14 A	26.12.2018	07.01.2019	INJECTION	GAS
15/6-B-16	23.08.2015	27.04.2016	PRODUCTION	OIL
15/6-B-17	29.08.2015	01.03.2016	OBSERVATION	OIL
15/6-B-17 A	01.03.2016	17.03.2016	PRODUCTION	OIL
15/6-B-18	19.08.2015	27.06.2018	PRODUCTION	OIL
15/6-B-20	23.09.2023	31.10.2023	PRODUCTION	GAS

Wellbores - other

Wellbore name	Entered date	Completed date	Purpose	Status