General information

Field name	GOLIAT
Factmaps in new window	link to map
Current activity status	Producing
Discovery wellbore	7122/7-1
Discovery year.	2000
Main area	Barents sea
Main supply base	Hammerfest
NPDID field	5774394

Picture



Discoveries included

Discovery name
7122/7-4 S (Klappmys)
7122/7-3
7122/7-1 Goliat

Activity status - history

Status	Status from	Status to
Producing	12.03.2016	
Approved for production	18.06.2009	11.03.2016

Located in

Block name	Prod. licence
7122/8	229
7122/11	229 B
7122/10	229
7122/7	229

Owner - current

Owner kind	Owner name
PRODUCTION LICENSE	229

Operatorship - current

Company name
Vår Energi ASA

Licensees - current

Company name	Nation code	Company share [%]
Vår Energi ASA	NO	65.000000
Equinor Energy AS	NO	35.000000

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]
31.30	0.00	0.00	0.00	31.30

Remaining oil [mill Sm3]	Remaining gas [bill Sm3]	Remaining NGL [mill tonn]	Remaining cond. [mill Sm3]	Remaining oil eq. [mill Sm3 o.e]
11.95	0.00	0.00	0.00	11.95

Orig. inplace oil [mill Sm3]	Orig. inplace ass. liquid [mill Sm3]	Orig. inplace ass. gas [bill Sm3]	Orig. inplace free gas [bill Sm3]
91.00	0.00	11.00	9.00

Description

Type	Text	Date updated
Development	Goliat is a field in the Barents Sea, 50 kilometres southeast of the Snøhvit field. The water depth is 360-420 metres. Goliat was discovered in 2000, and the plan for development and operation (PDO) was approved in 2009. The field is developed with a cylindrical floating production, storage and offloading facility (Sevan 1000 FPSO). Eight subsea templates with a total of 32 well slots are tied-back to the FPSO. Production started in 2016. Goliat was granted a PDO exemption for the Snadd reservoir in 2017 and the Goliat West segment in 2020. The production from these accumulations started in 2017 and 2021, respectively.	13.12.2023
Reservoir	Goliat produces oil from sandstone of Triassic age in the Kobbe and Snadd Formations, and in the Kapp Toscana Group (Realgrunnen subgroup) of Triassic to Jurassic age. The reservoirs have thin gas caps and are in a complex and segmented structure at depths of 1100-1800 metres.	13.12.2023
Recovery strategy	The field is produced using water injection as pressure support. Additional pressure support results from reinjection of produced gas.	28.02.2023
Transport	The oil is offloaded to shuttle tankers for transport to the market. Future gas export is planned via the Snøhvit pipeline to the liquid natural gas (LNG) processing facility at Melkøya near Hammerfest.	13.12.2023

Status	Production regularity has been below expectation since production start-up. Continuous maintenance and modification work along with several revision stops have resulted in a gradually improved regularity of the facility. A solution for Goliat gas export is being considered, which will contribute to extend the lifetime of the field. Several infill wells have been drilled since start up. In 2021 and 2023, the discoveries 7122/6-3 S (Rødhette) and 7122/8-1 S (Countach) were made in the area north of the Goliat field. More infill and exploration wells are planned in the coming years.	03.01.2024

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.	2904

Investments (historical)

	Investments [mill NOK nominal values]
Sum	54632
2022	1244
2021	1436
2020	800
2019	535
2018	1412
2017	1520
2016	3385
2015	9894
2014	9389
2013	6699
2012	8136
2011	6683
2010	2744
2009	755

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		19.367941	0.000000	0.000000	0.000000	19.367941
2024		0.106595	0.000000	0.000000	0.000000	0.106595
	1	0.106595	0.000000	0.000000	0.000000	0.106595
2023		1.491611	0.000000	0.000000	0.000000	1.491611
	1	0.137424	0.000000	0.000000	0.000000	0.137424
	2	0.130651	0.000000	0.000000	0.000000	0.130651
	3	0.138801	0.000000	0.000000	0.000000	0.138801

2023	4	0.124957	0.000000	0.000000	0.000000	0.124957
	5	0.144213	0.000000	0.000000	0.000000	0.144213
	6	0.123612	0.000000	0.000000	0.000000	0.123612
	7	0.134032	0.000000	0.000000	0.000000	0.134032
	8	0.136583	0.000000	0.000000	0.000000	0.136583
	9	0.125059	0.000000	0.000000	0.000000	0.125059
	10	0.123531	0.000000	0.000000	0.000000	0.123531
	11	0.112646	0.000000	0.000000	0.000000	0.112646
	12	0.060102	0.000000	0.000000	0.000000	0.060102
2022		1.891265	0.000000	0.000000	0.000000	1.891265
	1	0.203330	0.000000	0.000000	0.000000	0.203330
	2	0.185524	0.000000	0.000000	0.000000	0.185524
	3	0.194400	0.000000	0.000000	0.000000	0.194400
	4	0.177290	0.000000	0.000000	0.000000	0.177290
	5	0.145756	0.000000	0.000000	0.000000	0.145756
	6	0.098112	0.000000	0.000000	0.000000	0.098112
	7	0.158626	0.000000	0.000000	0.000000	0.158626
	8	0.145065	0.000000	0.000000	0.000000	0.145065
	9	0.139388	0.000000	0.000000	0.000000	0.139388
	10	0.146364	0.000000	0.000000	0.000000	0.146364
	11	0.145929	0.000000	0.000000	0.000000	0.145929
	12	0.151481	0.000000	0.000000	0.000000	0.151481
2021		2.022865	0.000000	0.000000	0.000000	2.022865
	1	0.168122	0.000000	0.000000	0.000000	0.168122
	2	0.149082	0.000000	0.000000	0.000000	0.149082
	3	0.183493	0.000000	0.000000	0.000000	0.183493
	4	0.181881	0.000000	0.000000	0.000000	0.181881
	5	0.145820	0.000000	0.000000	0.000000	0.145820
	6	0.150085	0.000000	0.000000	0.000000	0.150085
	7	0.168758	0.000000	0.000000	0.000000	0.168758
	8	0.131894	0.000000	0.000000	0.000000	0.131894
	9	0.130570	0.000000	0.000000	0.000000	0.130570
	10	0.200853	0.000000	0.000000	0.000000	0.200853
	11	0.205872	0.000000	0.000000	0.000000	0.205872
	12	0.206435	0.000000	0.000000	0.000000	0.206435
2020		2.313537	0.000000	0.000000	0.000000	2.313537
	1	0.217531	0.000000	0.000000	0.000000	0.217531
	2	0.193296	0.000000	0.000000	0.000000	0.193296
	3	0.221690	0.000000	0.000000	0.000000	0.221690
	4	0.213276	0.000000	0.000000	0.000000	0.213276
	5	0.177086	0.000000	0.000000	0.000000	0.177086
	6	0.181875	0.000000	0.000000	0.000000	0.181875
	7	0.198863	0.000000	0.000000	0.000000	0.198863

2020	8	0.189116	0.000000	0.000000	0.000000	0.189116
	9	0.180011	0.000000	0.000000	0.000000	0.180011
	10	0.191136	0.000000	0.000000	0.000000	0.191136
	11	0.181424	0.000000	0.000000	0.000000	0.181424
	12	0.168233	0.000000	0.000000	0.000000	0.168233
2019		2.358694	0.000000	0.000000	0.000000	2.358694
	1	0.292782	0.000000	0.000000	0.000000	0.292782
	2	0.127048	0.000000	0.000000	0.000000	0.127048
	3	0.263885	0.000000	0.000000	0.000000	0.263885
	4	0.173083	0.000000	0.000000	0.000000	0.173083
	5	0.150201	0.000000	0.000000	0.000000	0.150201
	6	0.201738	0.000000	0.000000	0.000000	0.201738
	7	0.168547	0.000000	0.000000	0.000000	0.168547
	8	0.210423	0.000000	0.000000	0.000000	0.210423
	9	0.049993	0.000000	0.000000	0.000000	0.049993
	10	0.237154	0.000000	0.000000	0.000000	0.237154
	11	0.252106	0.000000	0.000000	0.000000	0.252106
	12	0.231734	0.000000	0.000000	0.000000	0.231734
2018		3.720283	0.000000	0.000000	0.000000	3.720283
	1	0.479799	0.000000	0.000000	0.000000	0.479799
	2	0.379138	0.000000	0.000000	0.000000	0.379138
	3	0.369481	0.000000	0.000000	0.000000	0.369481
	4	0.305127	0.000000	0.000000	0.000000	0.305127
	5	0.323092	0.000000	0.000000	0.000000	0.323092
	6	0.299652	0.000000	0.000000	0.000000	0.299652
	7	0.274244	0.000000	0.000000	0.000000	0.274244
	8	0.267805	0.000000	0.000000	0.000000	0.267805
	9	0.143706	0.000000	0.000000	0.000000	0.143706
	10	0.268745	0.000000	0.000000	0.000000	0.268745
	11	0.302859	0.000000	0.000000	0.000000	0.302859
	12	0.306635	0.000000	0.000000	0.000000	0.306635
2017		2.512965	0.000000	0.000000	0.000000	2.512965
	1	0.000000	0.000000	0.000000	0.000000	0.000000
	2	0.194780	0.000000	0.000000	0.000000	0.194780
	3	0.430849	0.000000	0.000000	0.000000	0.430849
	4	0.389573	0.000000	0.000000	0.000000	0.389573
	5	0.345518	0.000000	0.000000	0.000000	0.345518
	6	0.281855	0.000000	0.000000	0.000000	0.281855
	7	0.311105	0.000000	0.000000	0.000000	0.311105
	8	0.285417	0.000000	0.000000	0.000000	0.285417
	9	0.064829	0.000000	0.000000	0.000000	0.064829
	10	0.017259	0.000000	0.000000	0.000000	0.017259
	11	0.000000	0.000000	0.000000	0.000000	0.000000

2017	12	0.191780	0.000000	0.000000	0.000000	0.191780
2016		2.950126	0.000000	0.000000	0.000000	2.950126
	3	0.137180	0.000000	0.000000	0.000000	0.137180
	4	0.146375	0.000000	0.000000	0.000000	0.146375
	5	0.177833	0.000000	0.000000	0.000000	0.177833
	6	0.335091	0.000000	0.000000	0.000000	0.335091
	7	0.465854	0.000000	0.000000	0.000000	0.465854
	8	0.319375	0.000000	0.000000	0.000000	0.319375
	9	0.056563	0.000000	0.000000	0.000000	0.056563
	10	0.487768	0.000000	0.000000	0.000000	0.487768
	11	0.462572	0.000000	0.000000	0.000000	0.462572
	12	0.361515	0.000000	0.000000	0.000000	0.361515

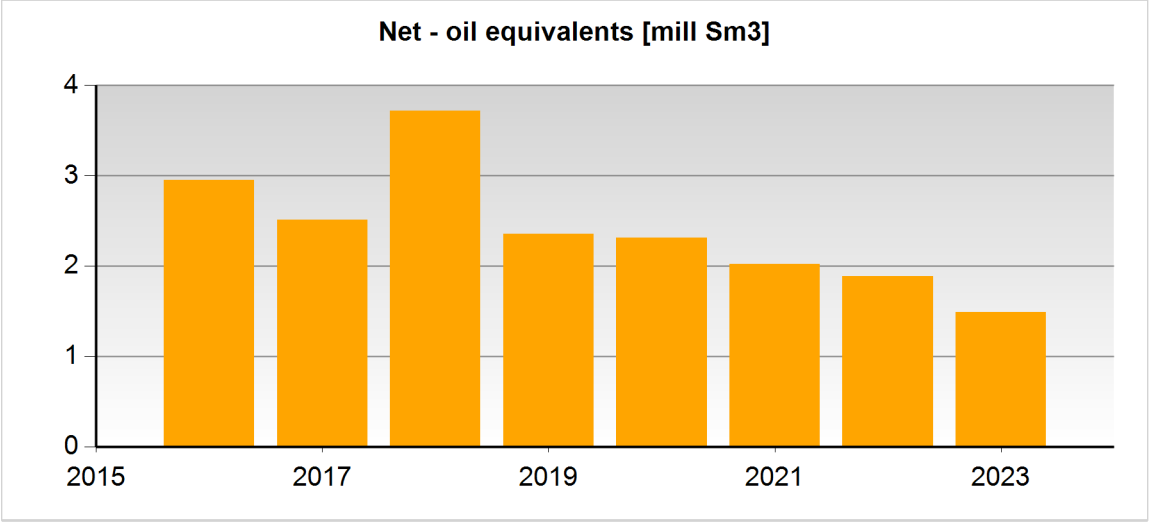
Production , sum wellbores

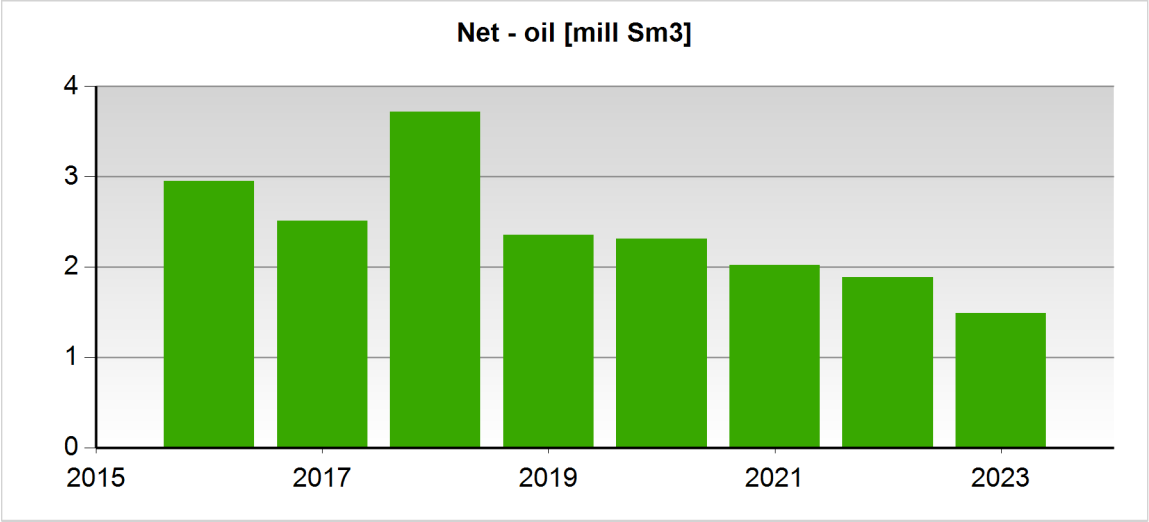
	Month	Gross - oil [mill Sm3]	Gross - gas [bill Sm3]	Gross - condensate [mill Sm3]	Gross - oil equivalents [mill Sm3]
Sum		19.367941	8.137231	0.000000	27.505172
2024		0.106595	0.112754	0.000000	0.219349
	1	0.106595	0.112754	0.000000	0.219349
2023		1.491611	1.320493	0.000000	2.812104
	1	0.137424	0.114551	0.000000	0.251975
	2	0.130651	0.107799	0.000000	0.238450
	3	0.138801	0.119377	0.000000	0.258178
	4	0.124957	0.114847	0.000000	0.239804
	5	0.144213	0.118695	0.000000	0.262908
	6	0.123612	0.105818	0.000000	0.229430
	7	0.134032	0.117150	0.000000	0.251182
	8	0.136583	0.118549	0.000000	0.255132
	9	0.125059	0.114229	0.000000	0.239288
	10	0.123531	0.117467	0.000000	0.240998
	11	0.112646	0.114547	0.000000	0.227193
	12	0.060102	0.057464	0.000000	0.117566
2022		1.891265	1.314705	0.000000	3.205970
	1	0.203330	0.110531	0.000000	0.313861
	2	0.185524	0.110321	0.000000	0.295845
	3	0.194400	0.122660	0.000000	0.317060
	4	0.177290	0.115838	0.000000	0.293128
	5	0.145756	0.095552	0.000000	0.241308
	6	0.098112	0.050053	0.000000	0.148165
	7	0.158626	0.108030	0.000000	0.266656
	8	0.145065	0.122037	0.000000	0.267102
	9	0.139388	0.121767	0.000000	0.261155
	10	0.146364	0.124536	0.000000	0.270900

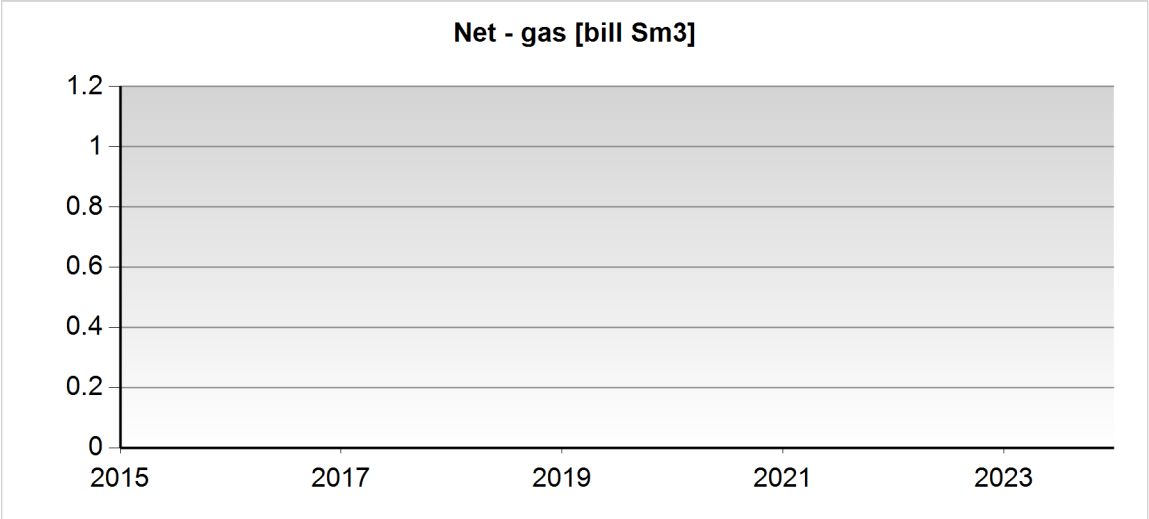
2022	11	0.145929	0.117163	0.000000	0.263092
	12	0.151481	0.116217	0.000000	0.267698
2021		2.022865	1.146676	0.000000	3.169541
	1	0.168122	0.116310	0.000000	0.284432
	2	0.149082	0.095434	0.000000	0.244516
	3	0.183493	0.099050	0.000000	0.282543
	4	0.181881	0.103957	0.000000	0.285838
	5	0.145820	0.073860	0.000000	0.219680
	6	0.150085	0.076717	0.000000	0.226802
	7	0.168758	0.100233	0.000000	0.268991
	8	0.131894	0.085406	0.000000	0.217300
	9	0.130570	0.056853	0.000000	0.187423
	10	0.200853	0.110953	0.000000	0.311806
	11	0.205872	0.113185	0.000000	0.319057
	12	0.206435	0.114718	0.000000	0.321153
2020		2.313537	1.319117	0.000000	3.632654
	1	0.217531	0.110204	0.000000	0.327735
	2	0.193296	0.101045	0.000000	0.294341
	3	0.221690	0.119516	0.000000	0.341206
	4	0.213276	0.117014	0.000000	0.330290
	5	0.177086	0.093147	0.000000	0.270233
	6	0.181875	0.094705	0.000000	0.276580
	7	0.198863	0.119140	0.000000	0.318003
	8	0.189116	0.116034	0.000000	0.305150
	9	0.180011	0.108962	0.000000	0.288973
	10	0.191136	0.113563	0.000000	0.304699
	11	0.181424	0.115303	0.000000	0.296727
	12	0.168233	0.110484	0.000000	0.278717
2019		2.358694	0.916067	0.000000	3.274761
	1	0.292782	0.116404	0.000000	0.409186
	2	0.127048	0.045979	0.000000	0.173027
	3	0.263885	0.089621	0.000000	0.353506
	4	0.173083	0.054301	0.000000	0.227384
	5	0.150201	0.044717	0.000000	0.194918
	6	0.201738	0.062698	0.000000	0.264436
	7	0.168547	0.058886	0.000000	0.227433
	8	0.210423	0.111345	0.000000	0.321768
	9	0.049993	0.015703	0.000000	0.065696
	10	0.237154	0.083381	0.000000	0.320535
	11	0.252106	0.117578	0.000000	0.369684
	12	0.231734	0.115454	0.000000	0.347188
2018		3.720283	1.019014	0.000000	4.739297
	1	0.479799	0.092607	0.000000	0.572406

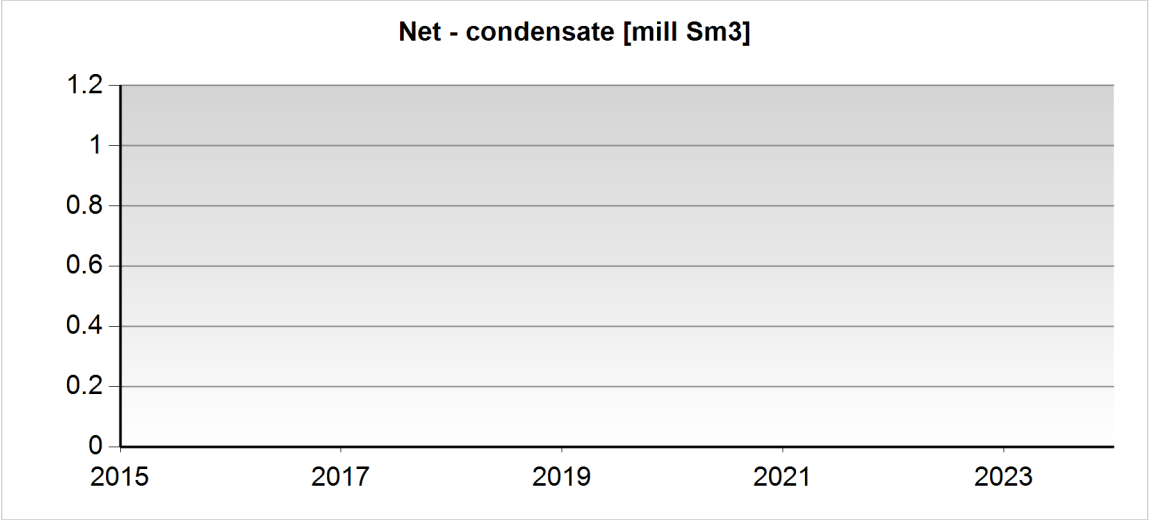
2018	2	0.379138	0.096631	0.000000	0.475769
	3	0.369481	0.104001	0.000000	0.473482
	4	0.305127	0.085067	0.000000	0.390194
	5	0.323092	0.108249	0.000000	0.431341
	6	0.299652	0.083577	0.000000	0.383229
	7	0.274244	0.080647	0.000000	0.354891
	8	0.267805	0.054278	0.000000	0.322083
	9	0.143706	0.041364	0.000000	0.185070
	10	0.268745	0.054946	0.000000	0.323691
	11	0.302859	0.102238	0.000000	0.405097
	12	0.306635	0.115409	0.000000	0.422044
2017		2.512965	0.456456	0.000000	2.969421
	1	0.000000	0.000000	0.000000	0.000000
	2	0.194780	0.028351	0.000000	0.223131
	3	0.430849	0.073365	0.000000	0.504214
	4	0.389573	0.081374	0.000000	0.470947
	5	0.345518	0.073428	0.000000	0.418946
	6	0.281855	0.050158	0.000000	0.332013
	7	0.311105	0.056125	0.000000	0.367230
	8	0.285417	0.051046	0.000000	0.336463
	9	0.064829	0.011564	0.000000	0.076393
	10	0.017259	0.002292	0.000000	0.019551
	11	0.000000	0.000000	0.000000	0.000000
	12	0.191780	0.028753	0.000000	0.220533
2016		2.950126	0.531949	0.000000	3.482075
	3	0.137180	0.018169	0.000000	0.155349
	4	0.146375	0.015805	0.000000	0.162180
	5	0.177833	0.024049	0.000000	0.201882
	6	0.335091	0.050337	0.000000	0.385428
	7	0.465854	0.077989	0.000000	0.543843
	8	0.319375	0.058910	0.000000	0.378285
	9	0.056563	0.008035	0.000000	0.064598
	10	0.487768	0.097541	0.000000	0.585309
	11	0.462572	0.107498	0.000000	0.570070
	12	0.361515	0.073616	0.000000	0.435131

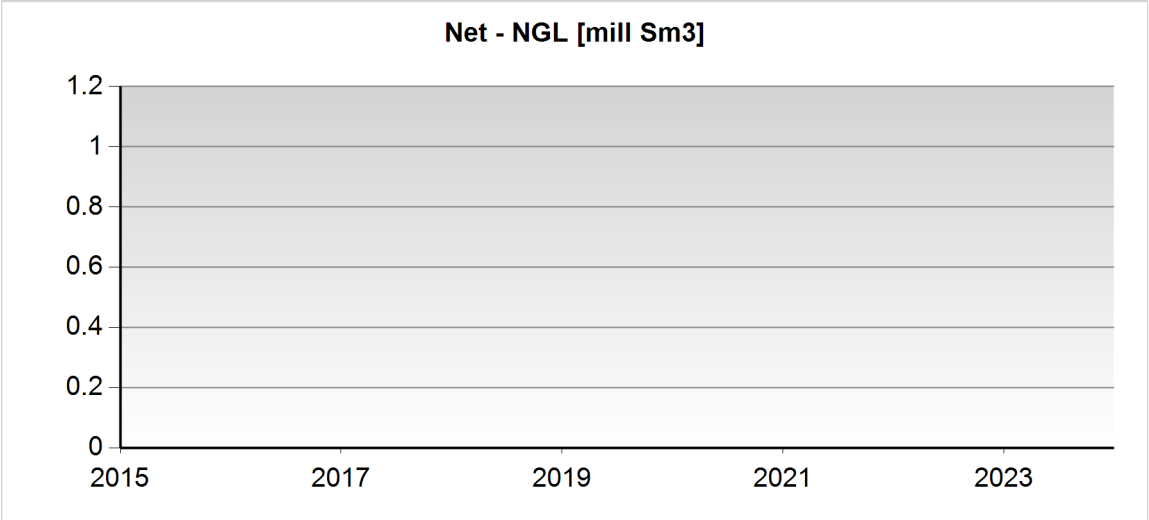
Production - charts

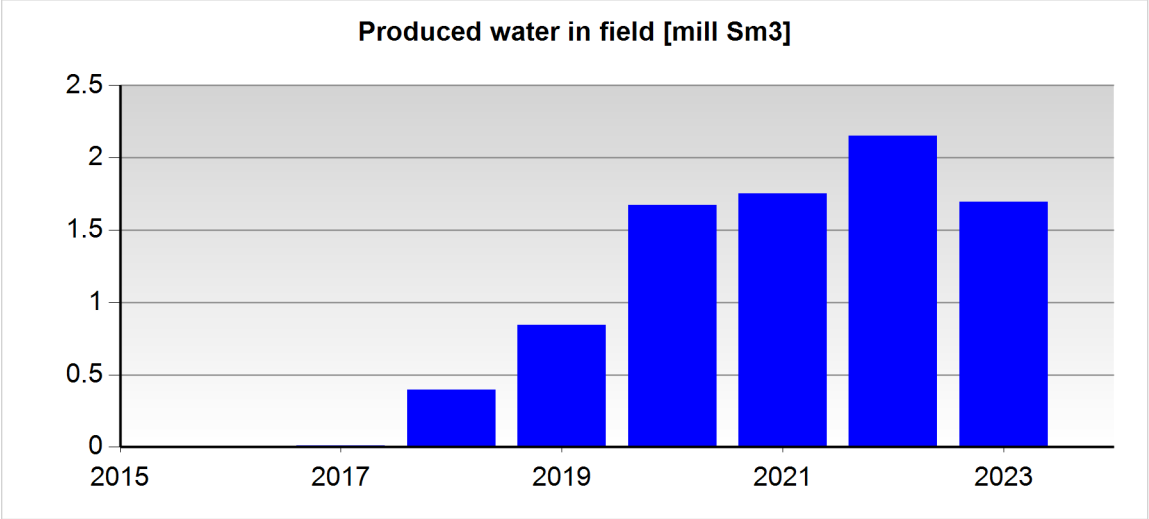

Net - oil equivalents [mill Sm3]
4
3
2
1
0
2015
2017
2019
2021
2023


Net - oil [mill Sm3]
4
3
2
1
0
2015
2017
2019
2021
2023


Net - gas [bill Sm3]
1.2
1
0.8
0.6
0.4
0.2
0
2015
2017
2019
2021
2023







Any produced water is only included after 1.1.2000

Wellbores - exploration

Wellbore name	Entered date	Completed date	Purpose	Status	Content
7122/7-1	16.09.2000	05.10.2000	WILDCAT	P&A	OIL
7122/7-2	12.09.2001	19.10.2001	APPRAISAL	P&A	OIL
7122/7-3	24.10.2005	08.01.2006	WILDCAT	P&A	OIL/GAS
7122/7-4 S	21.09.2006	25.11.2006	WILDCAT	P&A	OIL/GAS
7122/7-5 A	23.12.2006	13.01.2007	APPRAISAL	P&A	OIL
7122/7-6	21.10.2012	04.01.2013	APPRAISAL	P&A	OIL/GAS
7122/7-7 S	28.11.2018	26.12.2018	APPRAISAL	P&A	OIL/GAS

Wellbores - development

Wellbore name	Entered date	Completed date	Purpose	Content
7122/7-B-1 H	10.08.2015	28.08.2015	PRODUCTION	OIL
7122/7-B-2 H	13.06.2015	20.07.2015	PRODUCTION	OIL
7122/7-B-3 H	11.06.2015	30.06.2015	PRODUCTION	OIL
7122/7-B-4 Y1H	08.08.2015	06.10.2015	PRODUCTION	OIL
7122/7-B-4 Y2H	07.10.2015	15.10.2015	PRODUCTION	OIL
7122/7-C-1 H	23.06.2017	07.07.2017	OBSERVATION	NOT APPLICABLE
7122/7-C-1 AH	08.07.2017	14.07.2017	PRODUCTION	OIL
7122/7-C-1 AY2H	26.12.2020	04.01.2021	PRODUCTION	OIL
7122/7-C-2 H	30.04.2018	22.05.2018	PRODUCTION	OIL
7122/7-C-2 Y2H	28.01.2021	06.02.2021	PRODUCTION	OIL
7122/7-C-3 Y1H	05.12.2015	23.01.2016	PRODUCTION	OIL
7122/7-C-3 Y2H	24.01.2016	29.01.2016	PRODUCTION	OIL
7122/7-C-4 H	01.12.2015	23.12.2015	PRODUCTION	OIL
7122/7-D-1 H	11.05.2014	14.11.2014	PRODUCTION	OIL
7122/7-D-1 Y2H			PRODUCTION	
7122/7-D-2 H	05.08.2021	30.08.2021	PRODUCTION	OIL
7122/7-D-3 H	31.05.2014	27.10.2014	PRODUCTION	OIL
7122/7-D-4 H	05.04.2014	07.05.2014	PRODUCTION	OIL
7122/7-D-4 AH	22.11.2014	30.11.2014	PRODUCTION	OIL
7122/7-D-4 AY2H	05.07.2022	13.07.2022	PRODUCTION	OIL
7122/7-F-1 H	06.04.2016	17.04.2016	INJECTION	GAS
7122/7-F-3 H	04.07.2014	16.01.2015	INJECTION	GAS
7122/7-F-4 H	02.08.2014	28.09.2014	INJECTION	GAS
7122/7-G-1 H	26.02.2021	09.03.2021	INJECTION	WATER
7122/7-G-2 H	15.02.2016	07.03.2016	INJECTION	WATER
7122/7-G-3 H	12.02.2016	28.02.2016	INJECTION	WATER
7122/7-H-1 H	19.01.2013	05.03.2013	OBSERVATION	WATER
7122/7-H-1 AH	26.05.2013	10.06.2013	INJECTION	WATER
7122/7-H-2 H	28.07.2017	13.08.2017	INJECTION	WATER

7122/7-H-3 H	30.01.2013	29.03.2013	INJECTION	WATER
7122/7-H-4 H	26.01.2013	12.05.2013	INJECTION	WATER
7122/10-E-1 H	30.04.2016	27.05.2016	PRODUCTION	OIL
7122/10-E-2 H	16.02.2015	09.05.2015	PRODUCTION	OIL
7122/10-E-3 H	18.02.2015	29.03.2015	PRODUCTION	OIL
7122/10-E-4 H	09.06.2018	07.07.2018	PRODUCTION	OIL
7122/10-I-2 H	08.02.2014	16.03.2014	INJECTION	GAS
7122/10-I-4 H	28.03.2017	21.04.2017	INJECTION	WATER

Wellbores - other

Wellbore name	Entered date	Completed date	Purpose	Status
7122/7-U-4	13.06.2010	15.06.2010	STRATIGRAPHIC	P&A
7122/7-U-5	11.06.2010	13.06.2010	STRATIGRAPHIC	P&A
7122/7-U-6	15.06.2010	17.06.2010	STRATIGRAPHIC	P&A
7122/7-U-7	17.06.2010	18.06.2010	STRATIGRAPHIC	P&A
7122/7-U-8	19.10.2012	21.10.2012	SHALLOW GAS	P&A
7122/7-U-9	18.06.2013	21.06.2013	SHALLOW GAS	P&A
7122/10-U-1	18.06.2010	20.06.2010	SOIL DRILLING	P&A