General information

Field name	TOMMELITEN GAMMA
Factmaps in new window	link to map
Current activity status	Shut down
Discovery wellbore	1/9-4
Discovery year.	1978
Main area	North sea
Main supply base	
NPDID field	43444

Picture

Picture not available

Discoveries included

Discovery name
1/9-4 Tommeliten Gamma

Activity status - history

Status	Status from	Status to
Shut down	05.08.1998	
Producing	03.10.1988	04.08.1998
Approved for production	12.06.1986	02.10.1988

Located in

Block name	Prod. licence
1/9	044

Owner - current

Owner kind	Owner name
BUSINESS ARRANGEMENT AREA	TOMMELITEN UNIT

Operatorship - current

Company name
ConocoPhillips Skandinavia AS

Licensees - current

Company name	Nation code	Company share [%]
PGNiG Upstream Norway AS	NO	42.380000
ConocoPhillips Skandinavia AS	NO	28.260000
TotalEnergies EP Norge AS	NO	20.230000

Vår Energi ASA	NO	9.130000

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]
3.87	9.69	0.57	0.00	14.64

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]
12.00	0.00	15.00	0.00

Description

Type	Text	Date updated
Development	Tommeliten Gamma is a field in the southern part of the Norwegian sector in the North Sea, 12 kilometres west of the Edda field in the Ekofisk area. The water depth is 75 metres. Tommeliten Gamma was discovered in 1978, and the plan for development and operation (PDO) was approved in 1986. The field was developed with a subsea template including six production wells. The production started in 1988.	09.12.2023
Reservoir	Tommeliten Gamma produced gas and condensate from fractured chalk of Late Cretaceous age in the Tor Formation and of early Paleocene age in the Ekofisk Formation. The reservoir is at a depth of 3500 metres.	09.12.2023
Recovery strategy	The field was produced by pressure depletion.	28.02.2023
Transport	The well stream was sent via pipeline to the Edda field for first-stage separation, then to the Ekofisk Complex and further through Norpipe to Emden in Germany and Teesside in the UK. Some of the gas was used for gas lift on the Edda field.	28.02.2023
Status	Tommeliten Gamma was shut down in 1998, and the subsea template was removed in 2001. The field is currently being evaluated for redevelopment in combination with other decommissioned fields in the area.	09.12.2023

Investments (expected)

Investments (historical)

	Investments [mill NOK nominal values]
Sum	2369
2016	0
2015	0
2014	0
2013	0
2012	0
2011	0
2010	0
2009	0
2008	0
2007	0
2006	0
2005	0
2004	0
2003	0
2002	0
2001	0
2000	0
1999	0
1998	0
1997	0
1996	0
1995	0
1994	0
1993	-27
1992	3
1991	-10
1990	21
1989	25
1988	806
1987	1313
1986	238

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		3.873735	9.692729	0.000000	1.180060	14.746524
1998		0.069341	0.327263	0.000000	0.038870	0.435474
	1	0.010704	0.050986	0.000000	0.006499	0.068189
	2	0.009067	0.044610	0.000000	0.004960	0.058637

1998	3	0.010166	0.048555	0.000000	0.005536	0.064257
	4	0.009634	0.047166	0.000000	0.005933	0.062733
	5	0.009905	0.047093	0.000000	0.005564	0.062562
	6	0.010038	0.044832	0.000000	0.005534	0.060404
	7	0.009827	0.044021	0.000000	0.004844	0.058692
1997		0.141497	0.648249	0.000000	0.072240	0.861986
	1	0.010352	0.047899	0.000000	0.004940	0.063191
	2	0.012253	0.054191	0.000000	0.005888	0.072332
	3	0.013138	0.060372	0.000000	0.006419	0.079929
	4	0.012260	0.055966	0.000000	0.006196	0.074422
	5	0.012027	0.057484	0.000000	0.006257	0.075768
	6	0.013007	0.054880	0.000000	0.006030	0.073917
	7	0.011834	0.056478	0.000000	0.006196	0.074508
	8	0.011760	0.053950	0.000000	0.005993	0.071703
	9	0.011129	0.052861	0.000000	0.005957	0.069947
	10	0.011357	0.052265	0.000000	0.006168	0.069790
	11	0.010903	0.050789	0.000000	0.006294	0.067986
	12	0.011477	0.051114	0.000000	0.005902	0.068493
1996		0.189468	0.787984	0.000000	0.083221	1.060673
	1	0.018205	0.072082	0.000000	0.008345	0.098632
	2	0.016149	0.069048	0.000000	0.007247	0.092444
	3	0.016845	0.074001	0.000000	0.007780	0.098626
	4	0.016026	0.068822	0.000000	0.007522	0.092370
	5	0.016764	0.069293	0.000000	0.006549	0.092606
	6	0.016016	0.063210	0.000000	0.006219	0.085445
	7	0.013278	0.056133	0.000000	0.005911	0.075322
	8	0.014979	0.066911	0.000000	0.007238	0.089128
	9	0.014504	0.062958	0.000000	0.006730	0.084192
	10	0.014581	0.064692	0.000000	0.006905	0.086178
	11	0.016516	0.058989	0.000000	0.006318	0.081823
	12	0.015605	0.061845	0.000000	0.006457	0.083907
1995		0.223868	0.876054	0.000000	0.094686	1.194608
	1	0.022701	0.086569	0.000000	0.009901	0.119171
	2	0.020642	0.076035	0.000000	0.009056	0.105733
	3	0.022163	0.081945	0.000000	0.009632	0.113740
	4	0.020724	0.076481	0.000000	0.008937	0.106142
	5	0.017950	0.069904	0.000000	0.008138	0.095992
	6	0.017348	0.069559	0.000000	0.007548	0.094455
	7	0.014840	0.059960	0.000000	0.006701	0.081501
	8	0.014615	0.060453	0.000000	0.006467	0.081535
	9	0.014507	0.058406	0.000000	0.006711	0.079624
	10	0.019590	0.083493	0.000000	0.005637	0.108720
	11	0.018607	0.077676	0.000000	0.007223	0.103506

1995	12	0.020181	0.075573	0.000000	0.008735	0.104489
1994		0.270000	0.992972	0.000000	0.108559	1.371531
	1	0.029076	0.104173	0.000000	0.011770	0.145019
	2	0.025276	0.089755	0.000000	0.010313	0.125344
	3	0.028314	0.097527	0.000000	0.011251	0.137092
	4	0.025420	0.092690	0.000000	0.010154	0.128264
	5	0.025406	0.089955	0.000000	0.010184	0.125545
	6	0.019972	0.078961	0.000000	0.008517	0.107450
	7	0.019312	0.074183	0.000000	0.006726	0.100221
	8	0.011294	0.041352	0.000000	0.003685	0.056331
	9	0.018776	0.070962	0.000000	0.007533	0.097271
	10	0.021561	0.082638	0.000000	0.009146	0.113345
	11	0.023451	0.084485	0.000000	0.009638	0.117574
	12	0.022142	0.086291	0.000000	0.009642	0.118075
1993		0.396136	1.298070	0.000000	0.140139	1.834345
	1	0.034171	0.105239	0.000000	0.010902	0.150312
	2	0.032699	0.102508	0.000000	0.011103	0.146310
	3	0.034430	0.108225	0.000000	0.011868	0.154523
	4	0.034998	0.106155	0.000000	0.011189	0.152342
	5	0.038182	0.123272	0.000000	0.013567	0.175021
	6	0.035689	0.118510	0.000000	0.012749	0.166948
	7	0.033397	0.110031	0.000000	0.011894	0.155322
	8	0.027195	0.088709	0.000000	0.009493	0.125397
	9	0.030529	0.102042	0.000000	0.011185	0.143756
	10	0.032172	0.112649	0.000000	0.011939	0.156760
	11	0.031024	0.109432	0.000000	0.012025	0.152481
	12	0.031650	0.111298	0.000000	0.012225	0.155173
1992		0.437011	1.170562	0.000000	0.124259	1.731832
	1	0.043979	0.109121	0.000000	0.011856	0.164956
	2	0.038261	0.098264	0.000000	0.010677	0.147202
	3	0.041564	0.105157	0.000000	0.011300	0.158021
	4	0.040766	0.101976	0.000000	0.011435	0.154177
	5	0.030604	0.082077	0.000000	0.008779	0.121460
	6	0.024258	0.063613	0.000000	0.007034	0.094905
	7	0.040002	0.105767	0.000000	0.011833	0.157602
	8	0.039101	0.108427	0.000000	0.012396	0.159924
	9	0.034888	0.095490	0.000000	0.010701	0.141079
	10	0.030941	0.085502	0.000000	0.006988	0.123431
	11	0.035366	0.103815	0.000000	0.009750	0.148931
	12	0.037281	0.111353	0.000000	0.011510	0.160144
1991		0.466755	1.000781	0.000000	0.123682	1.591218
	1	0.056539	0.110492	0.000000	0.014467	0.181498
	2	0.045926	0.095194	0.000000	0.011704	0.152824

1991	3	0.054816	0.115059	0.000000	0.014711	0.184586
	4	0.040129	0.088106	0.000000	0.011168	0.139403
	5	0.041954	0.088464	0.000000	0.011228	0.141646
	6	0.042435	0.085977	0.000000	0.010893	0.139305
	7	0.028491	0.059071	0.000000	0.006768	0.094330
	8	0.001813	0.003445	0.000000	0.000286	0.005544
	9	0.023470	0.051634	0.000000	0.006691	0.081795
	10	0.047416	0.106863	0.000000	0.012720	0.166999
	11	0.039623	0.092667	0.000000	0.011029	0.143319
	12	0.044143	0.103809	0.000000	0.012017	0.159969
1990		0.691058	1.250119	0.000000	0.183594	2.124771
	1	0.068953	0.115124	0.000000	0.018043	0.202120
	2	0.060863	0.100102	0.000000	0.015804	0.176769
	3	0.067488	0.116548	0.000000	0.018801	0.202837
	4	0.064556	0.112277	0.000000	0.016918	0.193751
	5	0.050868	0.087305	0.000000	0.013795	0.151968
	6	0.057316	0.105762	0.000000	0.015767	0.178845
	7	0.046952	0.083137	0.000000	0.011148	0.141237
	8	0.058842	0.109552	0.000000	0.016847	0.185241
	9	0.052081	0.098682	0.000000	0.014062	0.164825
	10	0.054408	0.107703	0.000000	0.014642	0.176753
	11	0.053182	0.104695	0.000000	0.013822	0.171699
	12	0.055549	0.109232	0.000000	0.013945	0.178726
1989		0.784978	1.085831	0.000000	0.169747	2.040556
	1	0.076145	0.092047	0.000000	0.013666	0.181858
	2	0.077544	0.094841	0.000000	0.016248	0.188633
	3	0.075915	0.100054	0.000000	0.015890	0.191859
	4	0.043389	0.058561	0.000000	0.009491	0.111441
	5	0.027981	0.035791	0.000000	0.005511	0.069283
	6	0.042822	0.061591	0.000000	0.008941	0.113354
	7	0.079881	0.108607	0.000000	0.016059	0.204547
	8	0.079111	0.111711	0.000000	0.016825	0.207647
	9	0.074279	0.107647	0.000000	0.017592	0.199518
	10	0.075582	0.113359	0.000000	0.018609	0.207550
	11	0.065771	0.096143	0.000000	0.014722	0.176636
	12	0.066558	0.105479	0.000000	0.016193	0.188230
1988		0.203623	0.254844	0.000000	0.041063	0.499530
	10	0.050315	0.060666	0.000000	0.009485	0.120466
	11	0.070655	0.090660	0.000000	0.014032	0.175347
	12	0.082653	0.103518	0.000000	0.017546	0.203717

Production , sum wellbores

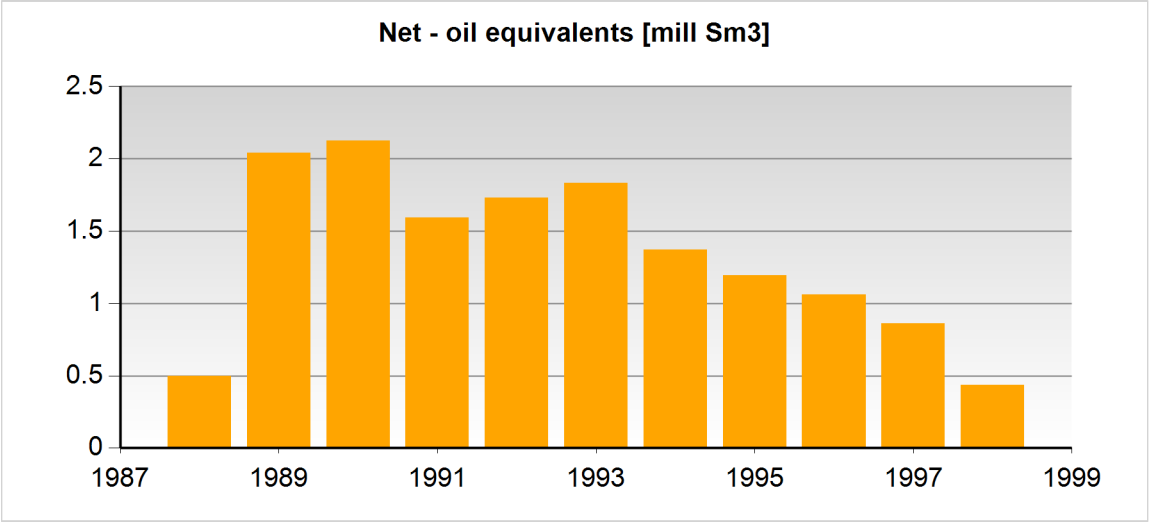
	Month	Gross - oil [mill Sm3]	Gross - gas [bill Sm3]	Gross - condensate [mill Sm3]	Gross - oil equivalents [mill Sm3]
Sum		5.287658	10.484090	0.000000	15.771748
1998		0.124486	0.357285	0.000000	0.481771
	1	0.019245	0.056230	0.000000	0.075475
	2	0.016194	0.048753	0.000000	0.064947
	3	0.018577	0.053915	0.000000	0.072492
	4	0.017652	0.051682	0.000000	0.069334
	5	0.017917	0.052122	0.000000	0.070039
	6	0.017861	0.047276	0.000000	0.065137
	7	0.017040	0.047307	0.000000	0.064347
1997		0.242545	0.707543	0.000000	0.950088
	1	0.017622	0.050758	0.000000	0.068380
	2	0.020384	0.058860	0.000000	0.079244
	3	0.022158	0.066153	0.000000	0.088311
	4	0.020776	0.061372	0.000000	0.082148
	5	0.020567	0.062527	0.000000	0.083094
	6	0.021519	0.059712	0.000000	0.081231
	7	0.020393	0.061488	0.000000	0.081881
	8	0.020501	0.059118	0.000000	0.079619
	9	0.019351	0.057944	0.000000	0.077295
	10	0.019746	0.057411	0.000000	0.077157
	11	0.019318	0.055863	0.000000	0.075181
	12	0.020210	0.056337	0.000000	0.076547
1996		0.303250	0.854503	0.000000	1.157753
	1	0.029426	0.077804	0.000000	0.107230
	2	0.025841	0.075053	0.000000	0.100894
	3	0.027297	0.080134	0.000000	0.107431
	4	0.026213	0.074766	0.000000	0.100979
	5	0.026445	0.075378	0.000000	0.101823
	6	0.024685	0.068501	0.000000	0.093186
	7	0.021581	0.060955	0.000000	0.082536
	8	0.024708	0.072757	0.000000	0.097465
	9	0.023670	0.068685	0.000000	0.092355
	10	0.023735	0.069716	0.000000	0.093451
	11	0.025207	0.063873	0.000000	0.089080
	12	0.024442	0.066881	0.000000	0.091323
1995		0.349941	0.949298	0.000000	1.299239
	1	0.035576	0.094112	0.000000	0.129688
	2	0.032511	0.082528	0.000000	0.115039
	3	0.034551	0.088674	0.000000	0.123225
	4	0.032232	0.082741	0.000000	0.114973
	5	0.028693	0.076257	0.000000	0.104950

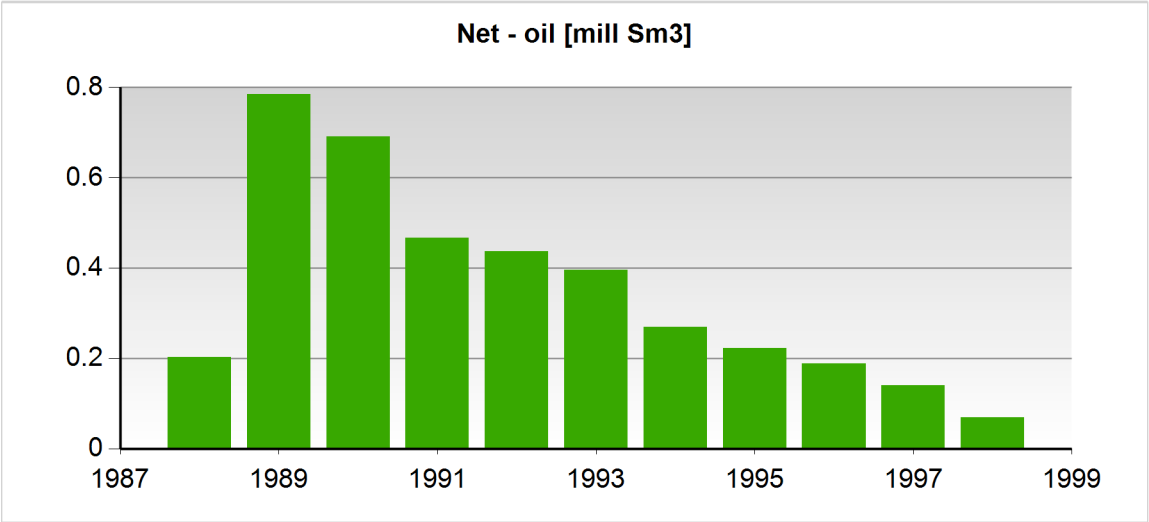
1995	6	0.027448	0.075298	0.000000	0.102746
	7	0.023741	0.064931	0.000000	0.088672
	8	0.023200	0.065144	0.000000	0.088344
	9	0.023298	0.063487	0.000000	0.086785
	10	0.028378	0.090009	0.000000	0.118387
	11	0.028656	0.084196	0.000000	0.112852
	12	0.031657	0.081921	0.000000	0.113578
1994		0.414886	1.078485	0.000000	1.493371
	1	0.044556	0.112889	0.000000	0.157445
	2	0.038818	0.097616	0.000000	0.136434
	3	0.043096	0.105889	0.000000	0.148985
	4	0.038865	0.100838	0.000000	0.139703
	5	0.039149	0.096942	0.000000	0.136091
	6	0.031581	0.085953	0.000000	0.117534
	7	0.029003	0.080337	0.000000	0.109340
	8	0.016961	0.045063	0.000000	0.062024
	9	0.028914	0.077248	0.000000	0.106162
	10	0.033318	0.090327	0.000000	0.123645
	11	0.035958	0.090908	0.000000	0.126866
	12	0.034667	0.094475	0.000000	0.129142
1993		0.578441	1.403254	0.000000	1.981695
	1	0.048050	0.113944	0.000000	0.161994
	2	0.046715	0.110786	0.000000	0.157501
	3	0.049722	0.116625	0.000000	0.166347
	4	0.049521	0.114626	0.000000	0.164147
	5	0.055530	0.132885	0.000000	0.188415
	6	0.052051	0.128800	0.000000	0.180851
	7	0.048999	0.118551	0.000000	0.167550
	8	0.039831	0.095335	0.000000	0.135166
	9	0.045129	0.109889	0.000000	0.155018
	10	0.048257	0.122166	0.000000	0.170423
	11	0.046874	0.118743	0.000000	0.165617
	12	0.047762	0.120904	0.000000	0.168666
1992		0.591306	1.264961	0.000000	1.856267
	1	0.058555	0.117777	0.000000	0.176332
	2	0.051333	0.107068	0.000000	0.158401
	3	0.055354	0.113489	0.000000	0.168843
	4	0.054439	0.109543	0.000000	0.163982
	5	0.041276	0.088551	0.000000	0.129827
	6	0.032919	0.069259	0.000000	0.102178
	7	0.054838	0.114296	0.000000	0.169134
	8	0.054157	0.117138	0.000000	0.171295
	9	0.048120	0.103244	0.000000	0.151364

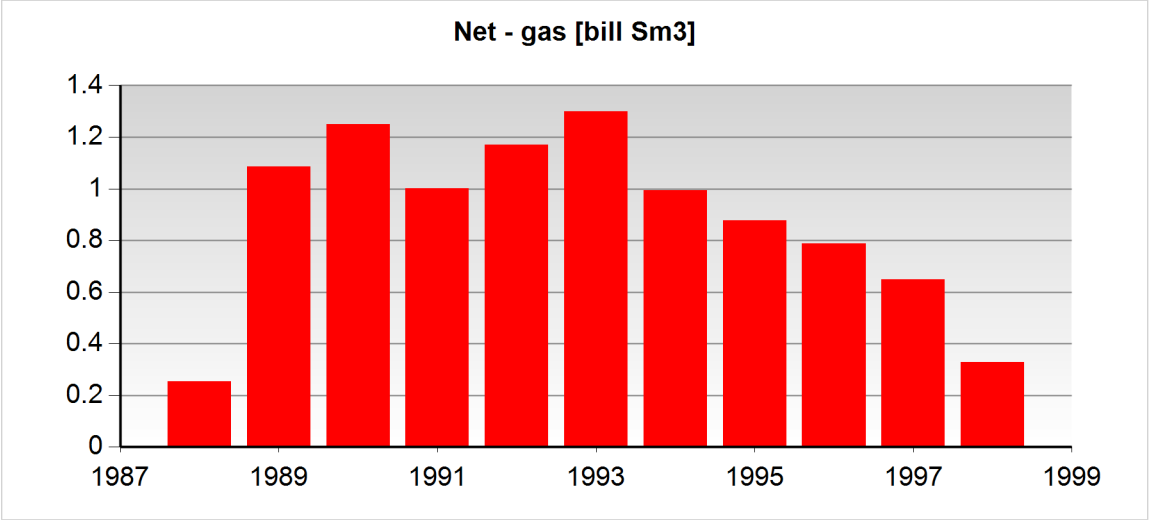
1992	10	0.040381	0.092699	0.000000	0.133080
	11	0.047986	0.111292	0.000000	0.159278
	12	0.051948	0.120605	0.000000	0.172553
1991		0.607373	1.081360	0.000000	1.688733
	1	0.072583	0.119326	0.000000	0.191909
	2	0.059606	0.103361	0.000000	0.162967
	3	0.071460	0.123935	0.000000	0.195395
	4	0.052099	0.095385	0.000000	0.147484
	5	0.054314	0.095983	0.000000	0.150297
	6	0.054538	0.092945	0.000000	0.147483
	7	0.036142	0.063285	0.000000	0.099427
	8	0.002282	0.003835	0.000000	0.006117
	9	0.031062	0.055877	0.000000	0.086939
	10	0.062119	0.115347	0.000000	0.177466
	11	0.052755	0.100224	0.000000	0.152979
	12	0.058413	0.111857	0.000000	0.170270
1990		0.879913	1.346789	0.000000	2.226702
	1	0.086774	0.124591	0.000000	0.211365
	2	0.076154	0.108289	0.000000	0.184443
	3	0.086058	0.124994	0.000000	0.211052
	4	0.081505	0.121038	0.000000	0.202543
	5	0.064834	0.093220	0.000000	0.158054
	6	0.072757	0.113071	0.000000	0.185828
	7	0.058969	0.089884	0.000000	0.148853
	8	0.076786	0.117408	0.000000	0.194194
	9	0.067185	0.106869	0.000000	0.174054
	10	0.070024	0.116169	0.000000	0.186193
	11	0.068213	0.113026	0.000000	0.181239
	12	0.070654	0.118230	0.000000	0.188884
1989		0.952784	1.166165	0.000000	2.118949
	1	0.090133	0.098902	0.000000	0.189035
	2	0.093235	0.101389	0.000000	0.194624
	3	0.091582	0.107544	0.000000	0.199126
	4	0.052802	0.063161	0.000000	0.115963
	5	0.033323	0.038455	0.000000	0.071778
	6	0.051785	0.066374	0.000000	0.118159
	7	0.095636	0.116467	0.000000	0.212103
	8	0.095893	0.119880	0.000000	0.215773
	9	0.091122	0.115433	0.000000	0.206555
	10	0.093973	0.121455	0.000000	0.215428
	11	0.080205	0.103293	0.000000	0.183498
	12	0.083095	0.113812	0.000000	0.196907

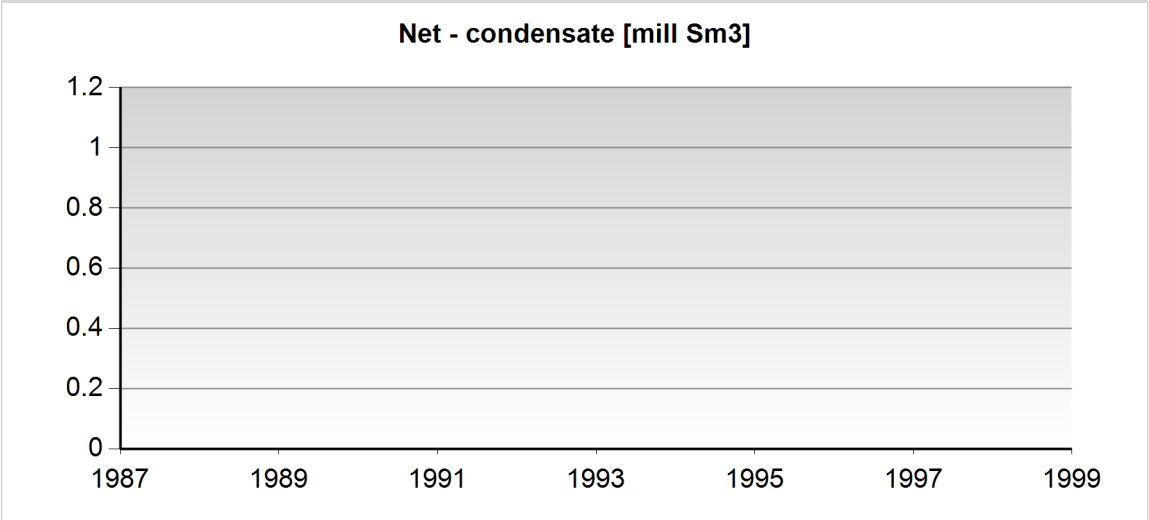
1988		0.242733	0.274447	0.000000	0.517180
	10	0.059464	0.065317	0.000000	0.124781
	11	0.084134	0.097834	0.000000	0.181968
	12	0.099135	0.111296	0.000000	0.210431

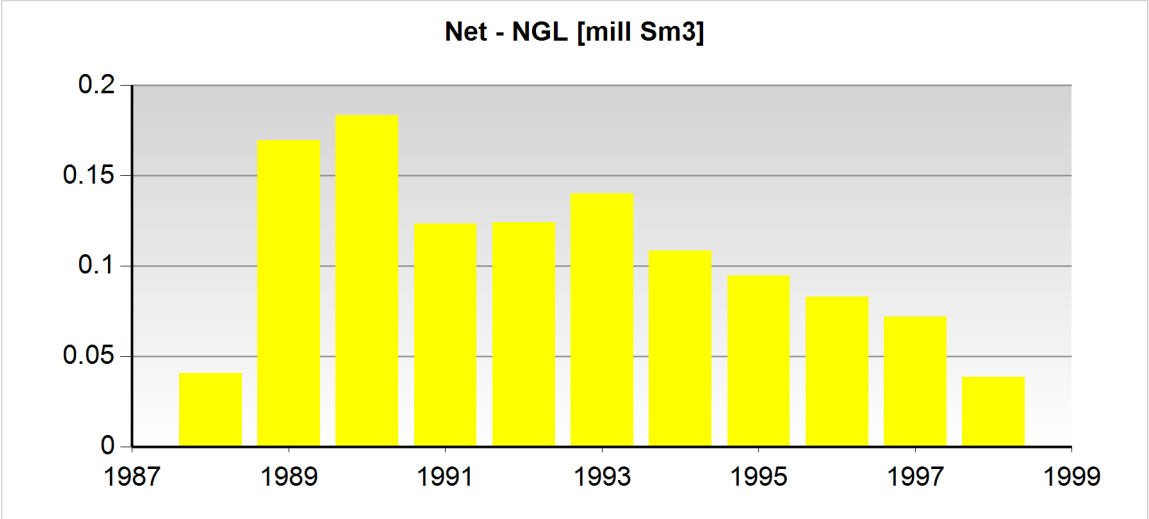
Production - charts

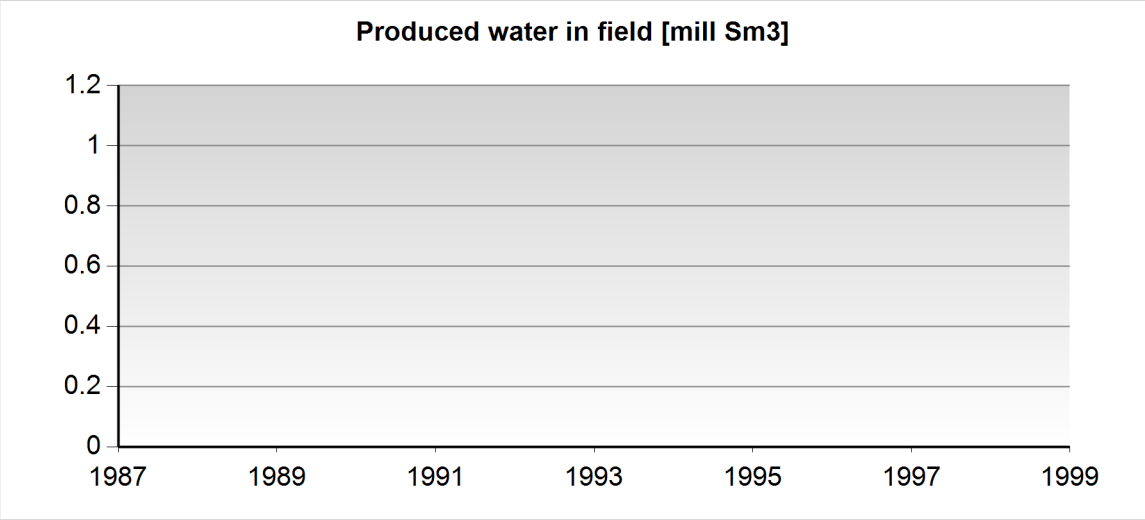





Net - gas [bill Sm3]
1.4
1.2
1
0.8
0.6
0.4
0.2
0
1987
1989
1991
1993
1995
1997
1999


Net - condensate [mill Sm3]
1.2
1
0.8
0.6
0.4
0.2
0
1987
1989
1991
1993
1995
1997
1999


Net - NGL [mill Sm3]
0.2
0.15
0.1
0.05
0
1987
1989
1991
1993
1995
1997
1999



Any produced water is only included after 1.1.2000

Wellbores - exploration

Wellbore name	Entered date	Completed date	Purpose	Status	Content
1/9-4	13.08.1977	12.01.1978	WILDCAT	SUSPENDED	GAS/CONDENSATE
1/9-4 R	21.04.1991	26.04.1991	WILDCAT	P&A	GAS/CONDENSATE
1/9-5	03.10.1978	16.12.1978	APPRAISAL	P&A	DRY
1/9-6 S	21.03.1982	01.12.1982	APPRAISAL	SUSPENDED	GAS/CONDENSATE
1/9-6 SR	06.04.1991	20.04.1991	APPRAISAL	P&A	GAS/CONDENSATE

Wellbores - development

Wellbore name	Entered date	Completed date	Purpose	Content
1/9-A-1 H	22.09.1986	14.11.1986	PRODUCTION	GAS
1/9-A-1 AH	15.04.1987	01.05.1987	PRODUCTION	GAS
1/9-A-2 H	25.11.1986	30.12.1986	PRODUCTION	GAS
1/9-A-3 H	04.01.1987	11.02.1987	PRODUCTION	GAS
1/9-A-4 H	19.02.1987	27.03.1987	PRODUCTION	GAS
1/9-A-5 H	31.12.1987	13.02.1988	PRODUCTION	GAS
1/9-A-6 H	20.02.1988	03.04.1988	PRODUCTION	GAS

Wellbores - other

Wellbore name	Entered date	Completed date	Purpose	Status