



General information

Lithostrat. unit	NOT FM
NPDID lithostrat. unit	120
Level	FORMATION
Lithostrat. unit, parent	FANGST GP

Level below

Lithostrat. unit

Description



Not Formation

Name

From the Norwegian word for a sweep net. The unit corresponds to the middle part of the informal Tomma Formation (H1-4), or "Tomma II".

Well type section

Well [6507/11-3](#) (Saga Petroleum), coordinates 65°01'59.8"N, 07°30'42.34"E, from 2471.5 m to 2457 m ([Fig 4.16](#)). The entire unit is cored, including the base.

Well reference section

Well [6407/1-3](#) (Statoil), coordinates 64°52'25.48"N, 07°02'53.47"E, from 3741 m to 3704 m ([Fig 4.20](#)). One core, 10 m recovery, including the top.

Thickness

14.5 m in the type well and 37 m in the reference well.

Lithology

Claystones with micronodular pyrite coarsen upwards into bioturbated fine-grained sandstones which are locally mica-rich and carbonate cemented.

Basal Stratotype

The lower boundary is defined by an abrupt increase to a steady high gamma ray response. In the type well this occurs immediately above a thin matrix-supported conglomerate.

Age

Aalenian to Bajocian.

Depositional environment

The basal part of the formation reflects a semi-regional transgression which led to the development of lagoons or sheltered bays. The upper part of the unit consists of prograding deltaic or coastal front sediments.

Lateral extent and variation

The formation is recognized over the entire Haltenbanken area, if not eroded. The thickest development (<50 m) is seen on the southwestern part of the Halten Terrace and the unit generally thins eastwards on the Trøndelag Platform. On Trænabanken a time equivalent succession dominated by mudstone is assigned to the [Viking Group](#).

Correlation

In the Hammerfest Basin the middle part of the [Stø Formation](#) is thought to correlate with the Not Formation. No similar unit is recognized in the North Sea.

Source

- Dalland, A., Worsley, D. and Ofstad, K. (eds.) 1988: A lithostratigraphic scheme for the Mesozoic and Cenozoic succession offshore mid- and northern Norway. NPD-Bulletin No. 4, 65 pp.

Wellbores penetrating



Wellbore name	Wellbore completion date	Top depth [m]	Bottom depth [m]
6406/2-1	09.04.1995	4556	4601
6406/2-1 R	07.01.1996	4554	4599
6406/2-2	27.03.1996	4576	4623
6406/2-2 R	03.03.2006	4570	4617
6406/2-3	15.04.1997	4716	4751
6406/2-4 SR	15.02.1999	4667	4671
6406/2-5	29.09.1997	4912	4950
6406/2-5 A	23.02.1998	5440	5481
6406/2-6	07.11.1998	4573	4617
6406/2-6 A	06.07.2000	4918	4997
6406/2-6 R	23.05.2000	4574	4618
6406/2-7	26.12.1999	4574	4599
6406/2-9 S	15.01.2019	4601	4629
6406/3-1	14.08.1984	3901	3934
6406/3-2	22.11.1986	4017	4069
6406/3-3	26.10.1986	4038	4066
6406/3-4	29.12.1987	4121	4162
6406/3-5	01.06.1988	3907	3949
6406/3-6	15.11.2002	3767	3805
6406/3-7	19.09.2006	4058	4113
6406/3-8	10.08.2010	3940	3976
6406/3-10	05.04.2020	4140	4192
6406/3-10 A	31.08.2021	4472	4519
6406/5-1	30.04.2002	4272	4335
6406/6-1	30.12.1985	4275	4335
6406/6-2	31.01.2007	4233	4282
6406/6-3	09.07.2013	3855	3921
6406/6-4 S	30.10.2015	4109	4153
6406/6-6 A	05.01.2019	4632	4682
6406/6-6 S	16.11.2018	4609	4640
6406/8-1	11.04.1988	4313	4366
6406/8-2	08.04.2007	4248	4264
6406/9-1	02.06.2005	4472	4533
6406/9-2	01.07.2007	4695	4758
6406/9-3	29.09.2013	4591	4635
6406/11-1 S	18.02.1991	3522	3599
6407/1-2	15.05.1983	3771	3815
6407/1-3	16.01.1984	3704	3741



6407/1-4	23.08.1996	3776	3805
6407/1-5 S	21.05.2012	3902	3939
6407/1-6 S	24.01.2013	4032	4077
6407/1-8 S	28.10.2020	3520	3555
6407/2-1	06.08.1982	2984	3015
6407/2-2	31.07.1983	2515	2527
6407/2-3	23.01.1987	2480	2509
6407/2-4	31.08.2009	2943	2973
6407/2-5 S	02.09.2009	2783	2828
6407/3-1 S	08.05.2011	2667	2700
6407/3-2 S	05.09.2019	2062	2120
6407/4-1	15.11.1985	3969	4021
6407/4-2	13.04.2011	4093	4144
6407/5-2 S	04.09.2011	3250	3280
6407/6-1	26.10.1984	1986	2019
6407/6-3	16.02.1987	2492	2548
6407/6-4	13.12.1990	2752	2791
6407/6-5	27.12.1999	2444	2485
6407/6-6	05.02.2008	2163	2200
6407/6-7 S	27.05.2009	2811	2827
6407/7-2	21.01.1987	2681	2697
6407/7-2 R	30.04.1990	2683	2699
6407/7-3	18.05.1988	2807	2851
6407/7-4	28.03.1989	2860	2874
6407/7-5	15.02.1991	3154	3164
6407/7-6	16.12.2000	3407	3448
6407/7-7 S	20.09.2007	3346	3376
6407/7-8	14.09.2008	4418	4457
6407/7-8 A	05.11.2008	4482	4533
6407/7-9 A	16.10.2016	3960	3992
6407/7-9 A	16.10.2016	4116	4121
6407/7-9 A	16.10.2016	4148	4184
6407/7-9 S	20.09.2016	3537	3623
6407/8-3	27.05.1997	1666	1678
6407/8-4 S	21.05.2008	2307	2375
6407/8-5 A	13.06.2009	2317	2347
6407/8-5 S	26.05.2009	2317	2347
6407/8-6 A	09.12.2013	2912	3023
6407/8-7	12.05.2015	2417	2448
6407/9-1	07.09.1984	1746	1783
6407/9-2	02.02.1985	1765	1802



6407/9-3	28.07.1985	1771	1797
6407/9-4	10.09.1985	1702	1748
6407/9-5	13.11.1985	1793	1820
6407/9-6	13.03.1986	1744	1775
6407/9-6 R	30.05.1993	1744	1775
6407/9-7	25.05.1988	1834	1864
6407/9-8	22.09.1992	1833	1887
6407/9-9	06.07.1999	1700	1726
6407/9-10	23.06.2003	1766	1800
6407/9-13	14.02.2022	2235	2239
6407/10-1	19.06.1987	2702	2803
6407/10-2	23.06.1990	3327	3436
6407/12-3	02.06.2010	1890	1921
6408/4-1	18.10.1988	1945	1968
6506/6-1	07.12.2000	5015	5033
6506/9-1	15.09.2009	5277	5294
6506/9-2 S	28.04.2010	4392	4397
6506/9-3	27.08.2013	4273	4302
6506/9-4 A	13.07.2018	4347	4351
6506/9-4 S	27.04.2018	4588	4592
6506/11-1	31.03.1988	4214	4263
6506/11-2	26.10.1991	4308	4359
6506/11-3	02.10.1992	4330	4350
6506/11-4 S	06.06.1996	4611	4658
6506/11-5 S	10.11.1996	4292	4329
6506/11-6	22.08.1998	4769	4817
6506/11-7	27.07.2001	4637	4661
6506/11-8	16.07.2006	4702	4735
6506/11-9 S	03.09.2012	4778	4821
6506/11-10	17.04.2018	4439	4473
6506/12-1	06.02.1985	4013	4048
6506/12-3	17.07.1985	3908	3947
6506/12-4	13.08.1985	4021	4045
6506/12-5	27.03.1986	4040	4068
6506/12-6	02.08.1986	4279	4311
6506/12-7	12.08.1987	4439	4474
6506/12-8	30.08.1988	3956	3993
6506/12-9 S	10.09.1993	4436	4464
6506/12-10	26.06.1995	4605	4636
6506/12-10 A	11.12.1995	5305	5338
6506/12-11 S	07.09.1996	4804	4835



6506/12-11 SR	01.02.1997	4804	4835
6506/12-12 A	01.09.2009	4828	4870
6506/12-12 S	06.08.2009	4828	4868
6507/2-1	29.09.1986	3881	3907
6507/2-2	16.03.1992	3698	3703
6507/3-1	26.10.1990	3635	3665
6507/3-2	27.04.1997	1200	1205
6507/3-3	25.03.1999	3404	3447
6507/3-3 A	06.05.1999	3911	4147
6507/3-3 B	16.06.1999	3921	4020
6507/3-4	30.04.2004	3738	3786
6507/3-5 S	08.05.2008	3972	4016
6507/3-6	23.06.2009	1297	1304
6507/3-7	22.07.2009	3580	3622
6507/3-8	15.12.2009	2693	2740
6507/3-10	16.08.2013	3278	3321
6507/3-11 S	15.08.2015	2198	2200
6507/3-12	28.02.2017	3303	3347
6507/4-2 S	19.05.2021	4350	4361
6507/5-1	03.05.1998	3434	3476
6507/5-2	23.09.1999	3669	3696
6507/5-4	15.04.2001	3581	3609
6507/5-4 A	03.06.2001	3793	3821
6507/5-5	14.02.2002	3723	3742
6507/5-7	24.06.2014	1335	1341
6507/5-9 A	15.10.2019	2148	2156
6507/5-9 S	27.09.2019	2061	2073
6507/6-2	16.07.1991	3781	3812
6507/7-3	18.09.1985	2400	2412
6507/7-4	13.01.1986	2500	2516
6507/7-5	06.03.1986	2399	2409
6507/7-8	02.08.1987	2468	2470
6507/7-10	29.10.1993	2532	2534
6507/7-11 S	14.08.1997	3476	3497
6507/7-14 S	26.09.2010	4306	4313
6507/7-15 S	02.05.2012	4350	4356
6507/7-16 S	18.12.2019	2993	3009
6507/8-1	09.12.1986	2294	2307
6507/8-3	20.09.1988	1379	1386
6507/8-5	16.03.1991	1854	1864
6507/8-6	09.10.1993	2120	2128



6507/8-7	31.01.2004	2848	2851
6507/10-2 S	10.02.2014	2682	2695
6507/11-3	15.08.1985	2457	2472
6507/11-4	22.06.1987	2732	2747
6507/11-5 S	28.10.1997	2539	2554
6507/11-6	08.07.2001	3077	3094
6507/11-8	03.07.2007	2447	2459
6507/11-9	18.04.2008	2637	2653
6507/11-10	16.02.2010	2113	2134
6507/11-11	01.07.2015	2880	2900
6507/12-1	26.10.1980	2128	2143
6507/12-3	13.09.1985	2015	2032
6508/1-1 S	29.08.1999	2378	2392
6508/5-1	24.05.1987	1710	1778
6510/2-1	10.10.1997	1654	1688
6510/2-1 R	21.12.1997	1654	1688
6607/12-2 S	25.10.2011	3633	3672
6607/12-3	26.12.2012	3946	3997
6607/12-4	13.10.2020	3714	3741
6608/10-1	29.05.1989	3127	3153
6608/10-2	29.01.1992	2611	2619
6608/10-3	11.03.1993	2610	2617
6608/10-3 R	17.08.1995	2610	2617
6608/10-4	06.03.1994	2598	2605
6608/10-5	06.08.1995	2735	2751
6608/10-6	14.05.2000	1859	1873
6608/10-6 R	02.12.2000	1859	1873
6608/10-6 R2	29.08.2001	1854	1868
6608/10-7	23.05.2001	2007	2018
6608/10-8	12.04.2002	2348	2389
6608/10-8 A	26.04.2002	2536	2612
6608/10-9	18.02.2003	2188	2222
6608/10-10	07.08.2003	2462	2500
6608/10-11 S	15.08.2006	3480	3550
6608/10-12	21.12.2008	2738	2770
6608/10-12 A	25.01.2009	2885	2934
6608/10-14 S	01.04.2010	2504	2549
6608/10-15	12.09.2013	1905	1934
6608/10-16	13.06.2014	3721	3750
6608/11-2	24.11.2000	1705	1736
6608/11-3	15.12.2002	1477	1509



6608/11-6	06.08.2008	1551	1587
6608/11-8	21.06.2013	1780	1814
6608/11-9	05.08.2019	1662	1700
6610/3-1 R	11.12.1993	3705	3711
6610/3-1 R2	07.10.1996	3707	3713
6610/7-1	19.06.1983	2606	2658
6610/10-1	03.02.2013	2360	2514

Wellbores with cores

Wellbore name	Wellbore completion date	Core length [m]
6406/2-3	15.04.1997	12
6406/2-5	29.09.1997	38
6406/2-7	26.12.1999	25
6406/3-2	22.11.1986	40
6406/3-4	29.12.1987	8
6406/3-10 A	31.08.2021	6
6407/1-3	16.01.1984	12
6407/2-2	31.07.1983	9
6407/2-3	23.01.1987	28
6407/4-1	15.11.1985	12
6407/6-3	16.02.1987	53
6407/7-2	21.01.1987	6
6407/8-6 A	09.12.2013	19
6407/9-4	10.09.1985	9
6407/10-1	19.06.1987	28
6506/9-1	15.09.2009	5
6506/9-3	27.08.2013	20
6506/9-4 S	27.04.2018	4
6506/11-1	31.03.1988	1
6506/11-2	26.10.1991	27
6506/11-6	22.08.1998	28
6506/11-9 S	03.09.2012	29
6506/12-1	06.02.1985	35
6506/12-3	17.07.1985	18
6506/12-5	27.03.1986	27
6506/12-7	12.08.1987	6
6506/12-8	30.08.1988	36
6506/12-9 S	10.09.1993	2
6506/12-10	26.06.1995	11



6507/2-2	16.03.1992	3
6507/3-1	26.10.1990	26
6507/3-3	25.03.1999	31
6507/3-4	30.04.2004	46
6507/3-5 S	08.05.2008	41
6507/3-7	22.07.2009	42
6507/3-8	15.12.2009	20
6507/3-10	16.08.2013	43
6507/3-12	28.02.2017	44
6507/5-1	03.05.1998	42
6507/5-2	23.09.1999	28
6507/5-4	15.04.2001	29
6507/5-5	14.02.2002	13
6507/5-9 S	27.09.2019	11
6507/7-3	18.09.1985	12
6507/7-4	13.01.1986	16
6507/7-5	06.03.1986	9
6507/7-8	02.08.1987	2
6507/7-10	29.10.1993	2
6507/7-11 S	14.08.1997	12
6507/7-16 S	18.12.2019	17
6507/8-1	09.12.1986	13
6507/8-3	20.09.1988	1
6507/8-5	16.03.1991	6
6507/11-3	15.08.1985	13
6507/11-5 S	28.10.1997	14
6507/11-8	03.07.2007	4
6507/11-9	18.04.2008	4
6607/12-2 S	25.10.2011	33
6608/10-2	29.01.1992	7
6608/10-4	06.03.1994	7
6608/10-6	14.05.2000	15
6608/10-7	23.05.2001	11
6608/10-8	12.04.2002	18