



General information

Lithostrat. unit	ROGN FM
NPDID lithostrat. unit	134
Level	FORMATION
Lithostrat. unit, parent	VIKING GP

Level below

Lithostrat. unit

Description



Rogn Formation

Name

The Norwegian word for spawn or hard roe. The formation corresponds to the informally used Frøya Formation.

Well type section

[6407/9-1](#) (Shell), coordinates 64°21'55.39"N, 07°47'21.76"E, from 1670 m to 1621 m ([Fig 4.22](#)). Three cores, recovery 35.5 m, including the base.

Thickness

49 m in the type well.

Lithology

The formation shows a coarsening upward sequence from siltstones and shales to sandstones which constitute the bulk of the unit.

Basal Stratotype

The Rogn Formation is developed within the [Spekk Formation](#) in the type well. The lower boundary is defined at the base of a gradual decrease in the gamma ray log and at a sharp decrease in interval transit time shown by the sonic log ([Fig 4.21](#)).

Lateral extent and variation

The formation is developed in the [Draugen Field](#) area, where it thins laterally away from the type well.

Age

Oxfordian to Kimmeridgian.

Depositional environment

The formation's sandstones are interpreted as shallow marine bar deposits.

Correlation

There are no known comparable units in surrounding areas.

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]
6306/3-1 S	11.12.2021	2318	2345
6306/5-2	11.10.2015	2940	2952
6306/6-1	05.07.1994	1159	1252
6306/9-1	18.01.2022	817	895
6406/12-1 S	28.02.1991	3600	3625



6406/12-2	17.10.1995	3790	3873
6406/12-2	17.10.1995	3907	3912
6406/12-3 A	22.07.2014	4053	4114
6406/12-3 B	11.06.2014	3728	3748
6406/12-4 A	17.09.2015	3522	3529
6406/12-4 S	17.08.2015	3726	3753
6407/5-2 S	04.09.2011	3109	3116
6407/6-7 S	27.05.2009	2747	2766
6407/7-1 S	07.04.1986	2706	2721
6407/8-4 S	21.05.2008	2184	2187
6407/9-1	07.09.1984	1621	1670
6407/9-2	02.02.1985	1650	1702
6407/9-3	28.07.1985	1630	1668
6407/9-4	10.09.1985	1658	1660
6407/9-5	13.11.1985	1654	1705
6407/9-6	13.03.1986	1643	1660
6407/9-6 R	30.05.1993	1643	1660
6407/9-10	23.06.2003	1635	1665
6407/9-12	08.11.2019	1663	1701
6407/10-1	19.06.1987	2579	2702
6407/10-2	23.06.1990	2830	2904
6407/10-5	18.09.2015	2588	2647
6407/11-1	07.12.2018	1771	1774
6407/12-1	15.07.1999	1659	1721

Wellbores with cores

Wellbore name	Wellbore completion date	Core length [m]
6306/6-1	05.07.1994	19
6406/12-1 S	28.02.1991	22
6406/12-2	17.10.1995	27
6406/12-3 A	22.07.2014	29
6406/12-3 B	11.06.2014	20
6407/6-7 S	27.05.2009	9
6407/7-1 S	07.04.1986	8
6407/9-1	07.09.1984	36
6407/9-2	02.02.1985	34
6407/9-3	28.07.1985	33
6407/9-5	13.11.1985	42
6407/9-6	13.03.1986	12



6407/9-12	08.11.2019	18
6407/10-1	19.06.1987	28
6407/11-1	07.12.2018	3