



General information

Lithostrat. unit	ELDFISK FM
NPDID lithostrat. unit	34
Level	FORMATION
Lithostrat. unit, parent	TYNE GP

Level below

Lithostrat. unit

Description



Eldfisk Formation

Name

From the [Eldfisk Field](#) in Norwegian block 2/7.

Well type section

Norwegian well [2/7-3](#) (Phillips) from 3626 m to 3695m, coord N 56°23'02.9", E 03°14'45.9" ([Fig 3.40](#)).

Well reference section

Norwegian well [1/9-3 R](#) (Statoil) from 4359.5 m to 4386.5 m, coord N 56°24'56.2", E 02°54'15.15" ([Fig 3.43](#)).

Thickness

69 m in the type well [2/7-3](#) and 27 m in the reference well.

Lithology

The Eldfisk Formation consists predominantly of sandstone but contains substantial interbeds of shale. In the type well the sandstone is dark yellowish brown, fine to coarse grained, poorly sorted and generally angular, while the shale is medium light grey to dark grey. Both the sandstone and the shale contain calcareous streaks which produce high amplitude peaks on the sonic log.

Boundaries

The sands of the Eldfisk Formation are entirely enclosed within the thick upper Jurassic shale sequence of the Central Graben. The Eldfisk Formation is therefore easily distinguished from the underlying [Haugesund Formation](#) and the overlying [Farsund Formation](#) by its lower gamma ray readings.

Distribution

As defined at present, the main development of the Eldfisk Formation is confined to the region of the [Eldfisk Field](#), although thin time equivalent sands are present in other parts of the Central Graben.

Age

Kimmeridgian.

Depositional environment

The Eldfisk Formation represents an influx of sand into the axial portions of the Central Graben at a time of regression, and for this reason it is postulated that the formation is turbiditic in origin. However, no conventional cores have been taken in the sands and there is no definitive sedimentological evidence.

Source

- Vollset, J. and Doré, A. G. (eds.) 1984: A revised Triassic and Jurassic lithostratigraphic nomenclature for the Norwegian North Sea. NPD-Bulletin No. 3, 53 pp.

Wellbores penetrating



Wellbore name	Wellbore completion date	Top depth [m]	Bottom depth [m]
1/9-3 R	30.09.1978	4360	4387
2/1-17 S	08.11.2019	4162	4168
2/7-3	11.10.1972	3626	3695
2/7-15	02.06.1980	4133	4181
2/7-25 S	31.03.1991	4940	5177
2/7-28	07.08.1992	3498	3518
2/7-29	06.01.1994	4473	4602
2/7-29	06.01.1994	4664	4698
3/5-1	28.06.1978	2795	2817
3/5-2	20.08.1978	3172	3183

Wellbores with cores

Wellbore name	Wellbore completion date	Core length [m]
2/7-25 S	31.03.1991	26
2/7-28	07.08.1992	4
2/7-29	06.01.1994	89