



General information





Wellbore name	2/4-19 B
Type	EXPLORATION
Purpose	APPRAISAL
Status	RE-CLASS TO DEV
Factmaps in new window	link to map
Main area	NORTH SEA
Field	EKOFISK
Discovery	2/4-2 Ekofisk
Well name	2/4-19
Seismic location	
Production licence	018
Drilling operator	Phillips Petroleum Company Norway
Drill permit	149-L
Drilling facility	EKOFISK B
Drilling days	91
Entered date	16.12.1975
Completed date	15.03.1976
Release date	15.03.1978
Publication date	15.01.2013
Purpose - planned	WILDCAT
Reclassified to wellbore	2/4-B-19
Reentry	NO
Content	GAS/CONDENSATE
Discovery wellbore	NO
1st level with HC, age	PALEOCENE
1st level with HC, formation	EKOFISK FM
Kelly bushing elevation [m]	35.0
Water depth [m]	69.0
Total depth (MD) [m RKB]	4605.0
Bottom hole temperature [°C]	110
Oldest penetrated age	LATE JURASSIC
Oldest penetrated formation	TYNE GP
Geodetic datum	ED50
NS degrees	56° 33' 54.97" N
EW degrees	3° 12' 13.79" E
NS UTM [m]	6269153.59
EW UTM [m]	512526.90
UTM zone	31
NPDID wellbore	257

**Wellbore history****General**

Well 2/4-19 B was drilled on the Ekofisk Field in the Southern North Sea.

Operations and results

Well 2/4-19 B was drilled from the Jacket 12 legs installation Ekofisk B. It was spudded on 16 December 1975 and drilled to TD at 4605 m in Jurassic age sediments. The hole was lost below 3926 m (the 7" casing shoe, in Early Cretaceous) after logging.

The well penetrated top Jurassic at 4061 m. The whole of the Jurassic section penetrated was mainly claystone, shale and limestone. Four cores were cut: core 1 from 2974 to 2992.5 m, core 2 from 3102.7 to 3113.8 m, and cores 3 and 4 from 3144.3 m to 3159.7 m. No wire line fluid samples were taken.

The well was plugged back to 3449 m and re-classed to development well. It was permanently abandoned 15 March 1976.

Testing

The well was tested from perforations at 3006.5 m to 3009.6 m in the Danian Ekofisk Formation. Bottom hole samples were taken, but no flow measurements were conducted. The DST temperature was 110 deg C, measured at 2840.7 m

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Documents - older Norwegian Offshore Directorate WDSS reports and other related documents

Document name	Document format	Document size [MB]
257_01_WDSS_General_Information	pdf	0.27

Documents - reported by the production licence (period for duty of secrecy expired)

Document name	Document format	Document size [MB]
257_2_4_19_B_COMPLETION_LOG	pdf	1.65
257_2_4_19_B_COMPLETION_REPORT	pdf	6.04

Logs





Log type	Log top depth [m]	Log bottom depth [m]
BHC	1370	4528
CBL	2743	3907
CDM	2916	4528
CDM AP	2916	4528
DIR	2916	4528
FDC CNL	2918	3931
IES	1371	4565
TDT	3018	3100
VELOCITY	1370	4528

Casing and leak-off tests

Casing type	Casing diam. [inch]	Casing depth [m]	Hole diam. [inch]	Hole depth [m]	LOT/FIT mud eqv. [g/cm3]	Formation test type
CONDUCTOR	30	173.0	36	173.0	0.00	LOT
SURF.COND.	20	497.0	26	500.0	0.00	LOT
INTERM.	13 3/8	1371.0	17 1/2	1375.0	0.00	LOT
INTERM.	9 5/8	2916.0	12 1/4	2941.0	0.00	LOT
LINER	7	3926.0	8 1/2	3964.0	0.00	LOT
OPEN HOLE		4605.0	6	4605.0	0.00	LOT