



General information

Wellbore name	2/4-12
Type	EXPLORATION
Purpose	WILDCAT
Status	P&A
Factmaps in new window	link to map
Main area	NORTH SEA
Well name	2/4-12
Seismic location	LINE PC 66 5631 SP.30
Production licence	018
Drilling operator	Phillips Petroleum Company Norway
Drill permit	133-L
Drilling facility	OCEAN VIKING
Drilling days	43
Entered date	28.07.1975
Completed date	08.09.1975
Release date	08.09.1977
Publication date	18.01.2007
Purpose - planned	WILDCAT
Reentry	NO
Content	DRY
Discovery wellbore	NO
Kelly bushing elevation [m]	27.0
Water depth [m]	70.0
Total depth (MD) [m RKB]	3383.0
Bottom hole temperature [°C]	108
Oldest penetrated age	LATE CRETACEOUS
Oldest penetrated formation	TOR FM
Geodetic datum	ED50
NS degrees	56° 31' 26.6" N
EW degrees	3° 8' 35.9" E
NS UTM [m]	6264556.61
EW UTM [m]	508816.77
UTM zone	31
NPDID wellbore	256

Wellbore history

**General**

Well 2/4-12 was drilled on a location ca 3 km west of the Ekofisk Field. The primary objective was to test the chalks in the Late Cretaceous and Early Paleocene.

Operations and results

Wildcat well 2/4-12 was spudded with the semi-submersible installation Ocean Viking on 28 July 1975 and drilled to TD at 3383 m in the Late Cretaceous Tor Formation. No significant problems were encountered in the operations.

The well was found dry. There were no shows while drilling and electric logs showed low porosities and high water saturations. Five cores were cut. Core 1 was cut in the basal part of the Våle Formation and topmost Ekofisk Formation. Cores 2 and 3 were cut in the Ekofisk Formation, and cores 4 and 5 in the Tor Formation. No wire line fluid samples were taken.

The well was permanently abandoned on 8 September 1975 as a dry well.

Testing

No drill stem test was performed

Cuttings at the Norwegian Offshore Directorate

Cutting sample, top depth [m]	Cutting samples, bottom depth [m]
143.26	3386.33

Cuttings available for sampling?	YES
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Cores at the Norwegian Offshore Directorate

Core sample number	Core sample - top depth	Core sample - bottom depth	Core sample depth - uom
1	10437.0	10485.0	[ft]
2	10640.0	10700.0	[ft]
3	10790.0	10826.0	[ft]
4	10908.0	10968.0	[ft]
5	11040.0	11100.0	[ft]

Total core sample length [m]	80.5
Cores available for sampling?	YES

Lithostratigraphy



Top depth [mMD RKB]	Lithostrat. unit
97	NORDLAND GP
1758	HORDALAND GP
3010	ROGALAND GP
3010	BALDER FM
3027	SELE FM
3060	FORTIES FM
3091	LISTA FM
3167	VÅLE FM
3195	SHETLAND GP
3195	EKOFISK FM
3302	TOR FM

Composite logs

Document name	Document format	Document size [MB]
256	pdf	0.27

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

Document name	Document format	Document size [MB]
256 01 WDSS General Information	pdf	0.25

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

Document name	Document format	Document size [MB]
256 2 4 12 Completion Log	pdf	1.72
256 2 4 12 Complex Lithology Analysis	pdf	16.86
256 2 4 12 Core Lithological Description	pdf	0.62
256 2 4 12 Micropaleontological Report	pdf	4.75

Logs





Log type	Log top depth [m]	Log bottom depth [m]
BHC	482	1205
BHC-C	1214	3382
CDM AP PP	3061	3382
DIR	3061	3382
FDC CNL	3061	3382
GR	97	482
IES	1212	3383

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	131.0	36	131.0	0.00	LOT
SURF.COND.	20	482.0	26	482.0	0.00	LOT
INTERM.	13 3/8	1213.0	17 1/2	1213.0	0.00	LOT
INTERM.	9 5/8	3060.0	12 1/4	3060.0	0.00	LOT
OPEN HOLE		3383.0	8 1/2	3383.0	0.00	LOT

Drilling mud

Depth MD [m]	Mud weight [g/cm3]	Visc. [mPa.s]	Yield point [Pa]	Mud type	Date measured
914	1.06	42.0		waterbased	
1219	1.21	43.0		waterbased	
1829	1.67	40.0		waterbased	
3048	1.67	58.0		waterbased	
3230	1.63	54.0		waterbased	
3883	1.62	55.0		waterbased	