

**General information**

Wellbore name	6204/11-2
Type	EXPLORATION
Purpose	WILDCAT
Status	P&A
Factmaps in new window	link to map
Main area	NORWEGIAN SEA
Well name	6204/11-2
Seismic location	ST 9202-INLINE 263 & X-LINE 404
Production licence	175
Drilling operator	Den norske stats oljeselskap a.s
Drill permit	915-L
Drilling facility	DEEPSEA TRYM
Drilling days	23
Entered date	06.12.1997
Completed date	28.12.1997
Release date	28.12.1999
Publication date	17.12.2003
Purpose - planned	WILDCAT
Reentry	NO
Content	OIL SHOWS
Discovery wellbore	NO
Kelly bushing elevation [m]	25.0
Water depth [m]	197.0
Total depth (MD) [m RKB]	2920.0
Final vertical depth (TVD) [m RKB]	2919.0
Maximum inclination [°]	2.5
Bottom hole temperature [°C]	85
Oldest penetrated age	LATE JURASSIC
Oldest penetrated formation	SOGNEFJORD FM
Geodetic datum	ED50
NS degrees	62° 11' 50.47" N
EW degrees	4° 26' 37.67" E
NS UTM [m]	6897169.35
EW UTM [m]	575131.87
UTM zone	31
NPDID wellbore	3249



Wellbore history

General

Well 6204/11-2 is located in the eastern part of the Slørebotn sub-basin, ca 3 km east-northeast of well 6204/11-1. Well 6204/11-1 proved shows in the Cretaceous Lysing Formation Equivalent and made a sub-commercial gas discovery in the Middle Jurassic. The objectives of well 6204/11-2 were to prove hydrocarbon reserves in the I-prospect, in a Coniacian/Turonian Sandstone and in the O-prospect, an Albian/Aptian Rødby Sandstone

Operations and results

Exploration well 6204/11-2 was spudded with the semi-submersible installation Deepsea Trym on 6 December 1997 and drilled to TD at 2920 m in the Late Jurassic Sognefjord Formation. The well was drilled with seawater and PAC sweeps to 1352 m and with PAC / KCl mud from 1352 m to TD.

The 6204/11-2 well proved no hydrocarbons in the I- and O-prospects. This has been deduced by FMT sampling and petrophysical evaluation of wire line logs. The O-prospect was prognosed to be sandy, but a conglomerate was encountered. Gas readings were low throughout the well. The highest readings were in the claystones above the Lysing Formation Equivalent, ranging from less than 0.1 % to 0.6%. Traces of fluorescence were reported at several intervals throughout the well below 1984 m. Only in the Sognefjord Formation (2892 m to TD) moderate direct fluorescence were observed, but the poor cut fluorescence compared with the moderate direct fluorescence indicates residual HC only, in accordance with the wire line logs. FMT fluid samples were taken at 1992.3 m and at 2893.0 m. Both 10 l chambers were drained off shore and were observed to contained mud filtrate and formation water. Oil film was observed in the sample at 1992.3 m, but analysis showed that it was from a base oil, either due to lack of cleaning of the FMT chamber prior to use or due to trace of base oil in the mud used in the well. No cores were taken. The well was permanently abandoned as a dry well with shows on December 28t 1997.

Testing

No drill stem test was performed.

Cuttings at the Norwegian Offshore Directorate

Cutting sample, top depth [m]	Cutting samples, bottom depth [m]
1360.00	2920.00

Cuttings available for sampling?	YES
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Palynological slides at the Norwegian Offshore Directorate

Sample depth	Depth unit	Sample type	Laboratory
1360.0	[m]	DC	RRI
1380.0	[m]	DC	RRI



1400.0	[m]	DC	RRI
1420.0	[m]	DC	RRI
1440.0	[m]	DC	RRI
1460.0	[m]	DC	RRI
1480.0	[m]	DC	RRI
1500.0	[m]	DC	RRI
1520.0	[m]	DC	RRI
1540.0	[m]	DC	RRI
1560.0	[m]	DC	RRI
1590.0	[m]	DC	RRI
1600.0	[m]	DC	RRI
1620.0	[m]	DC	RRI
1640.0	[m]	DC	RRI
1660.0	[m]	DC	RRI
1680.0	[m]	DC	RRI
1700.0	[m]	DC	RRI
1720.0	[m]	DC	RRI
1740.0	[m]	DC	RRI
1760.0	[m]	DC	RRI
1780.0	[m]	DC	RRI
1800.0	[m]	DC	RRI
1820.0	[m]	DC	RRI
1850.0	[m]	DC	RRI
1870.0	[m]	DC	RRI
1900.0	[m]	DC	RRI
1912.0	[m]	DC	RRI
1924.0	[m]	DC	RRI
1942.0	[m]	DC	RRI
1948.0	[m]	DC	RRI
1966.0	[m]	DC	RRI
1972.0	[m]	DC	RRI
1978.0	[m]	DC	RRI
2005.0	[m]	DC	RRI
2013.0	[m]	DC	RRI
2017.0	[m]	DC	RRI
2023.0	[m]	DC	RRI
2035.0	[m]	DC	RRI
2041.0	[m]	DC	RRI
2047.0	[m]	DC	RRI
2053.0	[m]	DC	RRI



2059.0	[m]	DC	RRI
2076.0	[m]	DC	RRI
2095.0	[m]	DC	RRI
2128.0	[m]	DC	RRI
2164.0	[m]	DC	RRI
2200.0	[m]	DC	RRI
2218.0	[m]	DC	RRI
2236.0	[m]	DC	RRI
2272.0	[m]	DC	RRI
2290.0	[m]	DC	RRI
2308.0	[m]	DC	RRI
2326.0	[m]	DC	RRI
2365.0	[m]	DC	RRI
2380.0	[m]	DC	RRI
2392.0	[m]	DC	RRI
2404.0	[m]	DC	RRI
2422.0	[m]	DC	RRI
2437.0	[m]	DC	RRI
2452.0	[m]	DC	RRI
2467.0	[m]	DC	RRI
2482.0	[m]	DC	RRI
2497.0	[m]	DC	RRI
2512.0	[m]	DC	RRI
2526.0	[m]	DC	RRI
2542.0	[m]	DC	RRI
2560.0	[m]	DC	RRI
2573.0	[m]	DC	RRI
2617.0	[m]	DC	RRI
2632.0	[m]	DC	RRI
2647.0	[m]	DC	RRI
2659.0	[m]	DC	RRI
2686.0	[m]	DC	RRI
2709.0	[m]	DC	RRI
2716.0	[m]	DC	RRI
2722.0	[m]	DC	RRI
2728.0	[m]	DC	RRI
2734.0	[m]	DC	RRI
2740.0	[m]	DC	RRI
2752.0	[m]	DC	RRI
2758.0	[m]	DC	RRI



2779.0	[m]	DC	RRI
2788.0	[m]	DC	RRI
2797.0	[m]	DC	RRI
2815.0	[m]	DC	RRI
2824.0	[m]	DC	RRI
2833.0	[m]	DC	RRI
2842.0	[m]	DC	RRI
2851.0	[m]	DC	RRI
2860.0	[m]	DC	RRI
2869.0	[m]	DC	RRI
2878.0	[m]	DC	RRI
2896.0	[m]	DC	RRI
2914.0	[m]	DC	RRI
2920.0	[m]	DC	RRI

Lithostratigraphy

Top depth [mMD RKB]	Lithostrat. unit
222	NORDLAND GP
632	HORDALAND GP
770	ROGALAND GP
770	UNDIFFERENTIATED
1042	EGGA FM (INFORMAL)
1275	SHETLAND GP
1275	KYRRE FM
1870	NO FORMAL NAME
2352	BLODØKS FM
2402	SVARTE FM
2659	CROMER KNOLL GP
2659	RØDBY FM
2690	SOLA FM
2700	AGAT FM
2730	ÅSGARD FM
2769	NO FORMAL NAME
2800	VIKING GP
2800	HEATHER FM
2892	SOGNEFJORD FM



Composite logs

Document name	Document format	Document size [MB]
3249	pdf	0.44

Geochemical information

Document name	Document format	Document size [MB]
3249_1	pdf	1.91
3249_2	pdf	1.54

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

Document name	Document format	Document size [MB]
3249_6204_11_2_COMPLETION_REPORT	pdf	24.89

Logs

Log type	Log top depth [m]	Log bottom depth [m]
DLL MLL ZDL GR TTRM	1343	2917
FMT GR	1908	2910
FMT GR	2893	2893
MAC DSL TTRM	1019	2917
MWD - DPR	1358	2911
MWD - RNT	282	1058
SWC GR	1830	2905
VSP GR	473	2898

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	282.0	36	285.0	0.00	LOT
SURF.COND.	9 5/8	1344.0	12 1/4	1346.0	1.59	LOT
OPEN HOLE		2920.0	8 1/2	2920.0	0.00	LOT



**Drilling mud**

Depth MD [m]	Mud weight [g/cm ³]	Visc. [mPa.s]	Yield point [Pa]	Mud type	Date measured
0	0.00			DUMMY	
248	1.04			DUMMY	
978	1.04			SEAWATER/PAC	
1352	1.04			SEAWATER/PAC	
1843	1.25	16.0		KCL/GLYCOL/POLY	
2188	1.25	16.0		KCL/GLYCOL/POLY	
2354	1.25	15.0		KCL/GLYCOL/POLY	
2715	1.25	18.0		KCL/GLYCOL/POLY	
2743	1.25	16.0		KCL/GLYCOL/POLY	
2808	1.25	18.0		KCL/GLYCOL/POLY	
2920	1.25	19.0		KCL/GLYCOL/POLY	

Pressure plots

The pore pressure data is sourced from well logs if no other source is specified. In some wells where pore pressure logs do not exist, information from Drill stem tests and kicks have been used. The data has been reported to the NPD, and further processed and quality controlled by IHS Markit.

Document name	Document format	Document size [MB]
3249 Formation pressure (Formasjonstrykk)	pdf	0.26

