

**General information**

Wellbore name	15/3-6
Type	EXPLORATION
Purpose	WILDCAT
Status	P&A
Factmaps in new window	link to map
Main area	NORTH SEA
Well name	15/3-6
Seismic location	INLINE 1070 & CROSS-LINE 2336
Production licence	187
Drilling operator	Amoco Norway Oil Company
Drill permit	941-L
Drilling facility	MÆRSK JUTLANDER
Drilling days	23
Entered date	14.12.1998
Completed date	05.01.1999
Release date	05.01.2001
Publication date	18.12.2002
Purpose - planned	WILDCAT
Reentry	NO
Content	DRY
Discovery wellbore	NO
Kelly bushing elevation [m]	23.0
Water depth [m]	105.0
Total depth (MD) [m RKB]	2793.0
Final vertical depth (TVD) [m RKB]	2786.0
Maximum inclination [°]	12.51
Oldest penetrated age	LATE CRETACEOUS
Oldest penetrated formation	JORSALFARE FM
Geodetic datum	ED50
NS degrees	58° 46' 23.41" N
EW degrees	1° 45' 14.9" E
NS UTM [m]	6515614.35
EW UTM [m]	427951.24
UTM zone	31
NPDID wellbore	3250

**Wellbore history****General**

Well 15/3-6 was drilled to test the Paleocene Balder and Hermod sandstones of the Pinnsvin prospect, and had a licence requirement to penetrate Cretaceous age formations. The well was drilled within licence PL 187 (Amoco Norway, Statoil, Norsk Hydro). License PL 025 farmed into the well (Statoil, Elf, Total, Hydro) for 20% of well costs.

Operations and results

Wildcat well 15/3-6 was spudded 15. December 1998 with the semi-submersible installation Mærsk Jutlander, and drilled to TD at 2793 m in the Late Cretaceous Shetland Group. The well was drilled with seawater and hi-vis pills down to 1018 m and oil based mud (Versavert) from 944 m to TD.

The Intra Balder and Hermod sandstones were encountered as prognosed but the well was found to be completely water wet all through. A wire line fluid sample was taken at 2160 m in the Intra Balder Formation Sandstone. Two cores were cut in the interval 2140 m to 2176 m in the Balder Formation and Intra Balder Formation sandstones, and one was cut from 2278 m to 2297.7 m in the Hermod Formation Sandstone.

The well was plugged and abandoned as a dry hole on 5 January 1999.

Testing

No drill stem test was performed

Cuttings at the Norwegian Offshore Directorate

Cutting sample, top depth [m]	Cutting samples, bottom depth [m]
1020.00	2793.00

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	2140.0	2158.1	[m]
2	2158.1	2175.7	[m]
3	2278.0	2297.7	[m]

Total core sample length [m]	55.4
Cores available for sampling?	YES



Core photos



2140-2145m



2145-2150m



2150-2155m



2155-2159m



2159-2164m



2164-2169m



2169-2174m



2174-2281m



2281-2286m



2286-2291m



2291-2296m



2296-2298m

Palynological slides at the Norwegian Offshore Directorate

Sample depth	Depth unit	Sample type	Laboratory
1020.0	[m]	DC	RRI
1050.0	[m]	DC	RRI
1080.0	[m]	DC	RRI
1110.0	[m]	DC	RRI
1140.0	[m]	DC	RRI
1170.0	[m]	DC	RRI
1200.0	[m]	DC	RRI
1230.0	[m]	DC	RRI
1260.0	[m]	DC	RRI
1290.0	[m]	DC	RRI
1320.0	[m]	DC	RRI
1350.0	[m]	DC	RRI
1370.0	[m]	DC	RRI
1410.0	[m]	DC	RRI
1430.0	[m]	DC	RRI



1470.0 [m]	DC	RRI
1490.0 [m]	DC	RRI
1530.0 [m]	DC	RRI
1550.0 [m]	DC	RRI
1556.0 [m]	SWC	RRI
1590.0 [m]	DC	RRI
1610.0 [m]	DC	RRI
1650.0 [m]	DC	RRI
1670.0 [m]	DC	RRI
1710.0 [m]	DC	RRI
1730.0 [m]	DC	RRI
1770.0 [m]	DC	RRI
1810.0 [m]	DC	RRI
1830.0 [m]	DC	RRI
1850.0 [m]	DC	RRI
1860.0 [m]	SWC	RRI
1890.0 [m]	DC	RRI
1910.0 [m]	DC	RRI
1940.0 [m]	DC	RRI
1967.0 [m]	SWC	RRI
1970.0 [m]	DC	RRI
2010.0 [m]	DC	RRI
2035.0 [m]	SWC	RRI
2040.0 [m]	DC	RRI
2060.0 [m]	DC	RRI
2100.0 [m]	DC	RRI
2110.0 [m]	DC	RRI
2127.0 [m]	SWC	RRI
2130.0 [m]	DC	RRI
2140.0 [m]	C	RRI
2150.0 [m]	C	RRI
2170.0 [m]	C	RRI
2171.0 [m]	C	RRI
2176.0 [m]	C	RRI
2182.0 [m]	SWC	RRI
2191.0 [m]	DC	RRI
2206.0 [m]	DC	RRI
2212.0 [m]	SWC	RRI
2221.0 [m]	DC	RRI
2236.0 [m]	DC	RRI



2239.0	[m]	SWC	RRI
2251.0	[m]	DC	RRI
2254.0	[m]	SWC	RRI
2264.0	[m]	SWC	RRI
2266.0	[m]	DC	RRI
2267.0	[m]	SWC	RRI
2281.0	[m]	C	RRI
2287.0	[m]	C	RRI
2292.0	[m]	C	RRI
2297.0	[m]	C	RRI
2308.0	[m]	DC	RRI
2315.0	[m]	SWC	RRI
2326.0	[m]	DC	RRI
2336.0	[m]	SWC	RRI
2338.0	[m]	DC	RRI
2354.0	[m]	SWC	RRI
2356.0	[m]	DC	RRI
2368.0	[m]	DC	RRI
2383.0	[m]	DC	RRI
2391.0	[m]	SWC	RRI
2404.0	[m]	DC	RRI
2412.0	[m]	SWC	RRI
2419.0	[m]	DC	RRI
2428.0	[m]	DC	RRI
2434.0	[m]	SWC	RRI
2446.0	[m]	DC	RRI
2454.0	[m]	SWC	RRI
2458.0	[m]	DC	RRI
2476.0	[m]	DC	RRI
2496.0	[m]	DC	RRI
2503.0	[m]	DC	RRI
2521.0	[m]	DC	RRI
2523.0	[m]	SWC	RRI
2536.0	[m]	DC	RRI
2537.0	[m]	SWC	RRI
2548.0	[m]	DC	RRI
2549.0	[m]	SWC	RRI
2566.0	[m]	DC	RRI
2578.0	[m]	DC	RRI
2590.0	[m]	DC	RRI



2608.0	[m]	DC	RRI
2629.0	[m]	SWC	RRI
2632.0	[m]	DC	RRI
2641.0	[m]	DC	RRI
2644.0	[m]	SWC	RRI
2656.0	[m]	DC	RRI
2668.0	[m]	DC	RRI
2686.0	[m]	DC	RRI
2698.0	[m]	SWC	RRI
2704.0	[m]	DC	RRI
2716.0	[m]	DC	RRI
2728.0	[m]	DC	RRI
2746.0	[m]	DC	RRI
2753.0	[m]	SWC	RRI
2758.0	[m]	DC	RRI
2760.0	[m]	SWC	RRI
2764.0	[m]	DC	RRI
2767.0	[m]	SWC	RRI
2776.0	[m]	DC	RRI
2788.0	[m]	DC	RRI
2793.0	[m]	DC	RRI

Lithostratigraphy

Top depth [mMD RKB]	Lithostrat. unit
128	NORDLAND GP
700	UTSIRA FM
910	HORDALAND GP
1028	SKADE FM
1140	NO FORMAL NAME
1560	GRID FM
1850	NO FORMAL NAME
1978	GRID FM
2015	NO FORMAL NAME
2110	ROGALAND GP
2110	BALDER FM
2155	INTRA BALDER FM SS
2198	BALDER FM
2207	SELE FM



2266	HERMOD FM
2347	LISTA FM
2379	HEIMDAL FM
2630	TY FM
2715	VÅLE FM
2725	SHETLAND GP
2725	JORSALFARE FM

Composite logs

Document name	Document format	Document size [MB]
3250	pdf	0.41

Geochemical information

Document name	Document format	Document size [MB]
3250_1	pdf	0.13

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

Document name	Document format	Document size [MB]
3250_15_3_6_COMPLETION_LOG	.pdf	3.19
3250_15_3_6_COMPLETION_REPORT	.pdf	50.59

Logs

Log type	Log top depth [m]	Log bottom depth [m]
CST	1560	2767
MDT	1246	2560
MWD - CDR RES GR	217	2278
MWD - CDR RES GR	2304	2793
PEX DSI AIT GR	260	1002



**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	212.0	36	216.0	0.00	LOT
INTERM.	13 3/8	1015.0	17 1/2	1015.0	0.00	LOT
OPEN HOLE		1018.0	12 1/4	1018.0	2.01	LOT
OPEN HOLE		2793.0	8 1/2	2793.0	0.00	LOT

Drilling mud

Depth MD [m]	Mud weight [g/cm3]	Visc. [mPa.s]	Yield point [Pa]	Mud type	Date measured
156	1.08	12.0		SPUD MUD	
216	1.10	30.0		SPUD MUD	
680	1.10	31.0		SPUD MUD	
890	1.10	32.0		SPUD MUD	
1019	1.31	18.0		VERSAVERT	
2084	1.31	21.0		VERSAVERT	
2158	1.31	21.0		VERSAVERT	
2249	1.31	22.0		VERSA VERT	
2772	1.31	26.0		VERSA VERT	
2793	1.31	26.0		VERSA VERT	

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]
3250 Formation pressure (Formasjonstrykk)	pdf	0.22

