



Generell informasjon

Brønnbane navn	15/3-6
Type	EXPLORATION
Formål	WILDCAT
Status	P&A
Faktakart i nytt vindu	lenke til kart
Hovedområde	NORTH SEA
Brønn navn	15/3-6
Seismisk lokalisering	INLINE 1070 & CROSS-LINE 2336
Utvinningstillatelse	187
Boreoperatør	Amoco Norway Oil Company
Boretillatelse	941-L
Boreinnretning	MÆRSK JUTLANDER
Boredager	23
Borestart	14.12.1998
Boreslutt	05.01.1999
Frigitt dato	05.01.2001
Publiseringsdato	18.12.2002
Opprinnelig formål	WILDCAT
Gjenåpnet	NO
Innhold	DRY
Funnbrønnbane	NO
Avstand, boredekk - midlere havflate [m]	23.0
Vanndybde ved midlere havflate [m]	105.0
Totalt målt dybde (MD) [m RKB]	2793.0
Totalt vertikalt dybde (TVD) [m RKB]	2786.0
Maks inklinasjon [°]	12.51
Eldste penetrerte alder	LATE CRETACEOUS
Eldste penetrerte formasjon	JORSALFARE FM
Geodetisk datum	ED50
NS grader	58° 46' 23.41" N
ØV grader	1° 45' 14.9" E
NS UTM [m]	6515614.35
ØV UTM [m]	427951.24
UTM sone	31
NPDID for brønnbanen	3250



Brønnhistorie

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

Borekaks i Sokkeldirektoratet

Borekaksprøve, topp dybde [m]	Borekaksprøve, bunn dybde [m]
1020.00	2793.00

Borekaks tilgjengelig for prøvetaking?	YES
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Borekjerter i Sokkeldirektoratet

Kjerneprøve nummer	Kjerneprøve - topp dybde	Kjerneprøve - bunn dybde	Kjerneprøve dybde - enhet
1	2140.0	2158.1	[m]
2	2158.1	2175.7	[m]
3	2278.0	2297.7	[m]

Total kjerneprøve lengde [m]	55.4
Kjerter tilgjengelig for prøvetaking?	YES



Kjernebilder



2140-2145m



2145-2150m



2150-2155m



2155-2159m



2159-2164m



2164-2169m



2169-2174m



2174-2281m



2281-2286m



2286-2291m



2291-2296m



2296-2298m

Palynologiske preparater i Sokkeldirektoratet

Prøve dybde	Dybde enhet	Prøve type	Laboratorie
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

Litostratigrafi

Topp Dyb [mMD RKB]	Litostrat. enhet
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

Spleisede logger

Dokument navn	Dokument format	Dokument størrelse [KB]
3250	pdf	0.41

Geokjemisk informasjon

Dokument navn	Dokument format	Dokument størrelse [KB]
3250_1	pdf	0.13

Dokumenter - rapportert av utvinningstillatelsen (frigitt ihht til regelverk)

Dokument navn	Dokument format	Dokument størrelse [KB]
3250_15_3_6_COMPLETION_LOG	.pdf	3.19
3250_15_3_6_COMPLETION_REPORT	.pdf	50.59

Logger

Type logg	Topp dyp for logg [m]	Bunn dyp for logg [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





Foringsrør og formasjonsstyrketester

Type utforing	Utforing diam. [tommer]	Utforing dybde [m]	Brønnbane diam. [tommer]	Brønnbane dyp [m]	LOT/FIT slam eqv. [g/cm3]	Type formasjonstest
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

Boreslam

Dybde MD [m]	Egenvekt, slam [g/cm3]	Viskositet, slam [mPa.s]	Flytegrense [Pa]	Type slam	Dato, måling
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	

Trykkplott

Porertrykksdataene kommer fra logging i brønnen hvis ingen annen kilde er oppgitt. I noen brønner der trykk ikke er logget, er det brukt informasjon fra formasjonstester eller brønnspark. Trykkdataene er rapportert inn til Oljedirektoratet og videre prosessert og kvalitetssikret av IHS Markit.

Dokument navn	Dokument format	Dokument størrelse [KB]
3250 Formation pressure (Formasjonstrykk)	pdf	0.22

