

**General information**

Wellbore name	2/9-1
Type	EXPLORATION
Purpose	WILDCAT
Status	P&A
Factmaps in new window	link to map
Main area	NORTH SEA
Well name	2/9-1
Seismic location	
Production licence	006
Drilling operator	Amoco Norway Oil Company
Drill permit	79-L
Drilling facility	ZAPATA EXPLORER
Drilling days	35
Entered date	03.11.1972
Completed date	07.12.1972
Release date	07.12.1974
Publication date	24.09.2004
Purpose - planned	WILDCAT
Reentry	NO
Content	DRY
Discovery wellbore	NO
Kelly bushing elevation [m]	34.0
Water depth [m]	67.0
Total depth (MD) [m RKB]	3551.0
Maximum inclination [°]	1.5
Bottom hole temperature [°C]	96
Oldest penetrated age	LATE CRETACEOUS
Oldest penetrated formation	HOD FM
Geodetic datum	ED50
NS degrees	56° 22' 11.88" N
EW degrees	3° 39' 59.77" E
NS UTM [m]	6247595.25
EW UTM [m]	541178.19
UTM zone	31
NPDID wellbore	282

**Wellbore history**

Well 2/9-1 was the first exploratory well to be drilled in Block 2/9 of the Norwegian concession area of the North Sea. This block occupies a position in the central part of the North Sea, a little to the southeast of the Eldfisk - Ekofisk - Tor Oilfields area. It is thus located over the deepest part of the North Sea Tertiary Basin. The well was planned to be drilled on the border between block 2/8 and block 2/9, the final well position is actually in block 2/8.

Operations and results

Wildcat well 2/9-1 was spudded with the jack-up installation Zapata Explorer on 3 November 1972 and drilled to TD at 3551 m in the Late Cretaceous Hod Formation. The well was drilled with a seawater and bentonite down to 387 m and with a polymer mud system with 1 % ÷ 4 % oil from 387 m to TD.

The Rogaland Group was encountered at 2962.7 m and consisted of the Balder, Sele, Lista, and Maureen formations. Interval 3065.7 m to Top Ekofisk Formation at 3092 m consisted of marl (Maureen Formation). From this point to TD the well drilled Late Cretaceous chalk (Ekofisk, Tor, and Hod formations). The best porosity in this sequence, based on log analyses, was seen in the interval 3209.5 m to 3261 m in the Tor Formation was. However, no shows were recorded in the well. No fluid samples were taken and no conventional core was cut. A wire line core slice was retrieved from 3499.4 m to 3500.3 m in the Hod Formation. The slice is described in a report by Robertson Research. The well was permanently abandoned as dry on 7 December 1972.

Testing

No drill stem test was performed

Cuttings at the Norwegian Offshore Directorate

Cutting sample, top depth [m]	Cutting samples, bottom depth [m]
408.43	3550.92

Cuttings available for sampling?	YES
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Lithostratigraphy

Top depth [mMD RKB]	Lithostrat. unit
102	NORDLAND GP
1636	HORDALAND GP
2963	ROGALAND GP
2963	BALDER FM
2978	SELE FM
3026	LISTA FM
3066	MAUREEN FM
3092	SHETLAND GP



3092	EKOFISK FM
3200	TOR FM
3480	HOD FM

Composite logs

Document name	Document format	Document size [MB]
282	pdf	0.34

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

Document name	Document format	Document size [MB]
282_01_WDSS_General_Information	pdf	0.23

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

Document name	Document format	Document size [MB]
282_1_CompletionReport_and_Completion_log	pdf	28.75
282_2_Micropaleontology_and_Stratigraphy	pdf	3.21
282_3_Survey_report	pdf	0.84
282_4_The_Chalk_in_Schlumberger_Core_Slice	pdf	3.76

Logs

Log type	Log top depth [m]	Log bottom depth [m]
BHC GR	609	3550
CN FDC GR	1828	3553
HRD-4ARM	1831	3553
IL SN SP	353	1828
PL ML	2956	3553
VELOCITY	1830	3550
VSP	762	3547



**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	148.0	36	148.0	0.00	LOT
SURF.COND.	20	375.0	26	387.0	0.00	LOT
INTERM.	13 3/8	1829.0	17 1/2	1844.0	0.00	LOT
OPEN HOLE		3551.0	12 1/4	3551.0	0.00	LOT

Drilling mud

Depth MD [m]	Mud weight [g/cm3]	Visc. [mPa.s]	Yield point [Pa]	Mud type	Date measured
402	1.14			seawater	
1024	1.31			seawater	
1882	1.66			seawater	
2945	1.66			seawater	
3133	1.63			seawater	
3550	1.63			seawater	