

**General information**

Wellbore name	24/9-2
Type	EXPLORATION
Purpose	WILDCAT
Status	P&A
Factmaps in new window	link to map
Main area	NORTH SEA
Well name	24/9-2
Seismic location	
Production licence	039
Drilling operator	Conoco Norway Inc.
Drill permit	176-L
Drilling facility	FERNSTAR
Drilling days	40
Entered date	13.06.1977
Completed date	22.07.1977
Release date	22.07.1979
Publication date	27.05.2009
Purpose - planned	WILDCAT
Reentry	NO
Content	DRY
Discovery wellbore	NO
Kelly bushing elevation [m]	26.0
Water depth [m]	118.0
Total depth (MD) [m RKB]	2743.0
Bottom hole temperature [°C]	69
Oldest penetrated age	LATE CRETACEOUS
Oldest penetrated formation	TOR FM
Geodetic datum	ED50
NS degrees	59° 16' 12.43" N
EW degrees	1° 55' 12.26" E
NS UTM [m]	6570781.36
EW UTM [m]	438440.97
UTM zone	31
NPDID wellbore	345

Wellbore history

**General**

Well 24/9-2 was drilled in the Vana Sub-basin in the Southern Viking Graben of the North Sea. The well was located to test Danian and Early Paleocene sands. Dip closure at this level was enhanced by a seismic anomaly of a "build-up" shape within the Middle-Late Paleocene Heimdal sands.

Operations and results

Wildcat well 24/9-2 was spudded with the semi-submersible installation Borgny Dolphin on 13 June 1977 and drilled to TD at 2743 m in the Late Cretaceous Tor Formation. A total of 9.8 days was lost on various mechanical hole problems during. The well was drilled with seawater and gel down to 1554 m and with lignosulphonate / CMC / gel / seawater from 1554 m to TD.

The well penetrated a gross interval of 439 m of Paleocene sands. No sands were found in the Danian, which was of a marl and limestone lithology. Hydrocarbons in commercial quantities were not encountered. While drilling the gas detector showed two slight increases, one within the Late Paleocene (a thin intra-Sele Formation sandstone) and one within the Early Paleocene Sand. Fluorescence was observed in the samples from the Late Paleocene Sand. Log analysis proved a 3-meter hydrocarbon bearing interval in the Late Paleocene sand between 2101.5 and 2104.5 metres, and sidewall cores proved the presence of oil in this interval.

No cores were cut, and no wire line fluid samples were taken.

The well was permanently abandoned on 22 July 1977 as a well with shows.

Testing

No drill stem test was performed.

Cuttings at the Norwegian Offshore Directorate

Cutting sample, top depth [m]	Cutting samples, bottom depth [m]
210.00	2744.00

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

Sample depth	Depth unit	Sample type	Laboratory
2061.0	[m]	DC	
2085.0	[m]	DC	
2121.0	[m]	DC	
2143.0	[m]	DC	
2163.0	[m]	DC	
2229.0	[m]	DC	
2286.0	[m]	DC	
2301.0	[m]	DC	



2421.0	[m]	DC	
2442.0	[m]	DC	
2463.0	[m]	DC	
2511.0	[m]	DC	
2529.0	[m]	DC	
2571.0	[m]	DC	
2613.0	[m]	DC	

Lithostratigraphy

Top depth [mMD RKB]	Lithostrat. unit
143	NORDLAND GP
452	UTSIRA FM
885	HORDALAND GP
2004	ROGALAND GP
2004	BALDER FM
2075	SELE FM
2169	HEIMDAL FM
2502	LISTA FM
2543	TY FM
2608	SHETLAND GP
2608	EKOFISK FM
2667	TOR FM

Geochemical information

Document name	Document format	Document size [MB]
345_1	pdf	0.49
345_2	pdf	0.97
345_3	pdf	1.53
345_4	pdf	0.32
345_5	pdf	0.32

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

Document name	Document format	Document size [MB]
345_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]
345 00 24 9 2 Completion Log	pdf	1.86
345 00 24 9 2 Completion Report	pdf	2.68
345 00 24 9 2 GEOCHEMICAL EVALUATION OF THREE SIDEWALL CORE SAMPLES	PDF	0.31

Logs

Log type	Log top depth [m]	Log bottom depth [m]
BHC SON GR	1527	2744
CNL	2050	2745
CST	0	0
DLL GR SP	1527	2742
FDC CAL	1527	2745
HDT	1527	2745
ISF SON GR SP	143	1028
ISF SON GR SP	1028	1555
VELOCITY	0	0

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	206.0	36	207.0	0.00	LOT
SURF.COND.	20	503.0	26	520.0	0.00	LOT
INTERM.	13 3/8	1526.0	17 1/2	1554.0	0.00	LOT
OPEN HOLE		2743.0	12 1/2	2743.0	0.00	LOT

Drilling mud

Depth MD [m]	Mud weight [g/cm3]	Visc. [mPa.s]	Yield point [Pa]	Mud type	Date measured
207	1.04	120.0		water.based	
520	1.12	42.0		water.based	





840	1.11	33.0		water.based	
1554	1.17	54.0		water.based	
2136	1.13	48.0		water.based	
2743	1.31	46.0		water.based	
4850	1.13	48.0		water.based	