General information

Wellbore name	26/4-2
Type	EXPLORATION
Purpose	WILDCAT
Status	P&A
Press release	link to press release
Factmaps in new window	link to map
Main area	NORTH SEA
Well name	26/4-2
Seismic location	EN0101fi line 2160 -xline 3126
Production licence	266
Drilling operator	A/S Norske Shell
Drill permit	1075-L
Drilling facility	DEEPSEA DELTA
Drilling days	14
Entered date	13.04.2004
Completed date	26.04.2004
Release date	26.04.2006
Publication date	06.06.2006
Purpose - planned	WILDCAT
Reentry	NO
Content	DRY
Discovery wellbore	NO
Kelly bushing elevation [m]	29.0
Water depth [m]	131.0
Total depth (MD) [m RKB]	2302.0
Final vertical depth (TVD) [m RKB]	2302.0
Maximum inclination [°]	2.1
Bottom hole temperature [°C]	98
Oldest penetrated age	LATE CRETACEOUS
Oldest penetrated formation	TOR FM
Geodetic datum	ED50
NS degrees	59° 44' 22.02'' N
EW degrees	3° 6' 3.67'' E
NS UTM [m]	6622553.51
EW UTM [m]	505679.16
UTM zone	31
NPDID wellbore	4925

Wellbore history

General

Well 26/4-2 is located on the eastern margin of the South Viking Graben, about 110 km off the Norwegian coast between Bergen and Haugesund. The primary objective of the well was to determine the presence of commercial volumes of hydrocarbons within the Hermod sands of the Beluga stratigraphic trap.

Operations and results

Well 26/4-2 was spudded with the semi-submersible installation Deepsea Delta on 13 April 2004 and drilled to TD at 2302 m in the Late Cretaceous Tor Formation. No significant technical problem was encountered during operations. The well was drilled with seawater and sweeps down to 1204 m, and with Glydril (glycol mud) from 645 m to TD.

The well encountered 53 m of water-bearing Hermod sandstone with a mean porosity of 31%. There were no indications of hydrocarbons from cuttings or wire line logs. No cores were cut and no wire line fluid sample was taken.

The well was permanently abandoned on 26 April 2004 as a dry well.

Testing

No drill stem test was performed

Cuttings at the Norwegian Offshore Directorate

Cutting sample, top depth [m]	Cutting samples, bottom depth [m]
1210.00	2300.00

Cuttings available for sampling?	YES

Lithostratigraphy

Top depth [mMD RKB]	Lithostrat. unit
160	NORDLAND GP
702	UTSIRA FM
752	UNDIFFERENTIATED
900	HORDALAND GP
1978	ROGALAND GP
1978	BALDER FM
2021	SELE FM
2040	HERMOD FM

2093	SELE FM
2113	LISTA FM
2214	VÅLE FM
2252	SHETLAND GP
2252	TOR FM

Composite logs

Document name	Document format	Document size [MB]
4925	pdf	0.35

Logs

Log type	Log top depth [m]	Log bottom depth [m]
DSI HRLA TLD CNL GR ACTS ECRD	1200	2293
MWD - DIR	160	234
MWD ARCA - RES GR PWD	234	1200
MWD RABA ARCA - RES GR PWD	1200	2302
VSI GR ACTS LEH-V VSP	360	2280

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	234.0	36	235.0	0.00	LOT
SURF.COND.	9 5/8	1200.0	12 1/4	1202.0	0.00	LOT
OPEN HOLE		2302.0	8 1/2	2302.0	0.00	LOT

Drilling mud

Depth MD [m]	Mud weight [g/cm3]	Visc. [mPa.s]	Yield point [Pa]	Mud type	Date measured
206	1.20	1.0		DISP.MUD	
596	1.05			DISP.MUD	
1204	1.31	25.0		GLYCOL MUD	
1279	1.31	23.0		GLYCOL MUD	
2302	1.31	24.0		GLYCOL MUD	