

**General information**

Wellbore name	24/9-8
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	24/9-8
Seismic location	f19501R04-INLINE 6640 & CROSSLINE 2826
Production licence	305
Drilling operator	Det Norske Oljeselskap ASA (old)
Drill permit	1141-L
Drilling facility	BREDFORD DOLPHIN
Drilling days	49
Entered date	18.07.2007
Completed date	04.09.2007
Release date	04.09.2009
Publication date	05.09.2009
Purpose - planned	WILDCAT
Reentry	NO
Content	DRY
Discovery wellbore	NO
Kelly bushing elevation [m]	25.0
Water depth [m]	123.0
Total depth (MD) [m RKB]	2190.0
Final vertical depth (TVD) [m RKB]	2190.0
Maximum inclination [°]	1.3
Oldest penetrated age	PALEOCENE
Oldest penetrated formation	HEIMDAL FM
Geodetic datum	ED50
NS degrees	59° 21' 59.99" N
EW degrees	1° 57' 17.97" E
NS UTM [m]	6581500.03
EW UTM [m]	440600.02
UTM zone	31
NPDID wellbore	5563



Wellbore history

General

Wildcat well 24/9-8 was drilled in the Vana sub-basin of the North Sea, about 12 km south of the Volund Field. The main objective of the well was to test the Lie prospect, a four way dip closure at Paleocene Heimdal level. The structure is a low relief structure with a maximum prognosed closure of about 30 m.

Operations and results

Well 24/9-8 was spudded with the semi-submersible installation Bredford Dolphin on 18 July 2007 and drilled to TD at 2190 m in the Paleocene Heimdal Formation. The well had a relatively large proportion of non-productive time, close to 50% of the total rig time. There were few down-hole problems. Major delays were caused by surface equipment failures and training of new personnel. This was the first well for Bredford Dolphin in Norwegian waters. The well was drilled with seawater down to 775 m, with KCl mud from 775 m to 1446 m, and with Performadril from 1446 m to TD.

The Heimdal Formation proved to be a massive highly porous sandstone, but no hydrocarbons were encountered in the well. No oil shows was observed in the well. The total gas was in general very low in the well.

No cores were cut and no wire line logs were run in the well. No wire line fluid samples were taken.

The well was permanently abandoned on 4 September 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]
790.00	2190.00

Cuttings available for sampling?	YES
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Lithostratigraphy

Top depth [mMD RKB]	Lithostrat. unit
148	NORDLAND GP
433	UTSIRA FM
716	HORDALAND GP
716	SKADE FM
875	NO FORMAL NAME



1230	GRID FM
1422	NO FORMAL NAME
1936	ROGALAND GP
1936	BALDER FM
2049	SELE FM
2100	LISTA FM
2142	HEIMDAL FM

Logs

Log type	Log top depth [m]	Log bottom depth [m]
LWD - EWR DGR CTN ALD BAT	1451	2190
LWD - EWR DGR PWD	775	1446
LWD - EWR DGR PWD DIR	221	775

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	214.0	36	214.0	0.00	LOT
SURF.COND.	20	769.0	26	775.0	1.21	LOT
INTERM.	13 3/8	1441.0	17 1/2	1446.0	1.53	LOT
OPEN HOLE		2190.0	8 1/2	2190.0	0.00	LOT

Drilling mud

Depth MD [m]	Mud weight [g/cm3]	Visc. [mPa.s]	Yield point [Pa]	Mud type	Date measured
415	1.30	60.0		WATER BASED	
775	1.25	75.0		WATER BASED	
818	1.10	67.0		WATER BASED	
927	1.12	70.0		WATER BASED	