



General information

Wellbore name	15/9-24
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	15/9-24
Seismic location	PR07M01 inline 1998 & xline 10212
Production licence	408
Drilling operator	Det norske oljeselskap ASA
Drill permit	1313-L
Drilling facility	BREDFORD DOLPHIN
Drilling days	24
Entered date	18.05.2010
Completed date	10.06.2010
Release date	31.12.2010
Publication date	15.06.2011
Purpose - planned	WILDCAT
Reentry	NO
Content	DRY
Discovery wellbore	NO
Kelly bushing elevation [m]	25.0
Water depth [m]	80.0
Total depth (MD) [m RKB]	2400.0
Final vertical depth (TVD) [m RKB]	2400.0
Maximum inclination [°]	1.59
Oldest penetrated age	LATE CRETACEOUS
Oldest penetrated formation	TOR FM
Geodetic datum	ED50
NS degrees	58° 16' 27.5" N
EW degrees	1° 58' 55.9" E
NS UTM [m]	6459848.56
EW UTM [m]	440297.52
UTM zone	31
NPDID wellbore	6381



Wellbore history

General

Well 15/9-24 was drilled just south of the Sleipner Terrace in the southern Viking Graben of the North Sea. The main objective was to test the hydrocarbon potential of the Storkinn prospect. The main reservoir target was the Paleocene Heimdal-/Ty formations, south-east and up dip to the Sleipner Øst Field. The prognosed top of the Heimdal / Ty formations was at 2310 m.

Operations and results

Wildcat well 15/9-2 was spudded with the semi-submersible installation Bredford Dolphin on 18 May 2010 and drilled to TD at 2400 in the Late Cretaceous Tor Formation. The 26" section was drilled first as a 9 7/8" pilot hole in case of shallow gas. Due to low wind speeds at the moment 10 hours were spent WOW before the pilot could commence. No shallow gas was observed, and the drilling operations went forth without significant problems. The well was drilled with Seawater and Hi-Vis Sweeps down to 627 m, with KCL/GEM Glycol Mud from 627 to 1496 m, and with XP-07 Oil Based Mud from 1496 m to TD.

The Heimdal-/Ty Formation sandstones were not observed in the well. No hydrocarbon shows were observed in the well.

No cores were cut. The well was logged with MWD/LWD; no wire line logs were run. No fluid samples were taken.

The well was permanently abandoned on 10 June 2010 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]
630.00	2400.00

Cuttings available for sampling?	YES
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Lithostratigraphy

Top depth [mMD RKB]	Lithostrat. unit
106	NORDLAND GP
887	UTSIRA FM
1023	HORDALAND GP
1200	SKADE FM



1292	NO FORMAL NAME
2131	ROGALAND GP
2131	BALDER FM
2166	SELE FM
2244	LISTA FM
2317	VÅLE FM
2323	SHETLAND GP
2323	EKOFISK FM
2329	TOR FM

Logs

Log type	Log top depth [m]	Log bottom depth [m]
MWD LWD - DGR ALD CTN GEOTAP BAT	1504	2400
MWD LWD - DIR	105	163
MWD LWD - GABI DIR EWR	1504	2400
MWD LWD - PWD DGR EWR DIR	627	1504
MWD LWD - PWD DIR	160	627
MWD LWD - RES GR PWD DIR	163	627

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	159.0	36	163.0	0.00	LOT
SURF.COND.	20	621.0	26	627.0	1.90	LOT
INTERM.	13 3/8	1496.0	17 1/2	1504.0	1.81	LOT
OPEN HOLE		2400.0	8 1/2	2400.0	0.00	LOT

Drilling mud

Depth MD [m]	Mud weight [g/cm3]	Visc. [mPa.s]	Yield point [Pa]	Mud type	Date measured
152	1.04			Spud Mud	
461	1.25	15.0		KCI/GEM	
627	1.20	13.0		KCI/GEM	
690	1.20	12.0		KCI/GEM	
1361	1.21	17.0		KCI/GEM	



1504	1.30	18.0		Yellow XP-07	
1665	1.30	21.0		Yellow XP-07	
1883	1.30	24.0		Yellow XP-07	
2315	1.30	21.0		Yellow XP-07	