

**General information**

Wellbore name	34/10-49 A
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	34/10-49
Seismic location	ST9607&line 2009&Cdp 2184
Production licence	050
Drilling operator	Statoil ASA (old)
Drill permit	1108-L
Drilling facility	OCEAN VANGUARD
Drilling days	21
Entered date	21.05.2006
Completed date	10.06.2006
Release date	10.06.2008
Publication date	18.12.2008
Purpose - planned	WILDCAT
Reentry	NO
Content	DRY
Discovery wellbore	NO
Kelly bushing elevation [m]	21.5
Water depth [m]	138.0
Total depth (MD) [m RKB]	3312.0
Final vertical depth (TVD) [m RKB]	2471.5
Maximum inclination [°]	76
Bottom hole temperature [°C]	105
Oldest penetrated age	MIDDLE JURASSIC
Oldest penetrated formation	NESS FM
Geodetic datum	ED50
NS degrees	61° 7' 45.06" N
EW degrees	2° 5' 26.13" E
NS UTM [m]	6777677.93
EW UTM [m]	451012.40
UTM zone	31
NPDID wellbore	5282



Wellbore history

General

Well 34/10-49 A was drilled as a geological sidetrack to 34/10-49 S on a prospect located ca 10 km south-west of the Gullfaks Field in the northern North Sea. The primary objective of the well was to explore the oil and gas potential in the Apollo prospect in sandstones of Late Cretaceous age. Final TD was to be decided after penetrating the Brent Group. The well was the last of three well paths drilled from the 34/10-49 location to explore five different targets.

Operations and results

Wildcat well 34/10-49 A was drilled with the semi-submersible installation Ocean Vanguard. It was kicked off from 1274 m in 34/10-49 S on 21 May 2006 and drilled to TD at 3312 m in the Middle Jurassic Ness Formation. No reservoir was encountered in Late Cretaceous. Middle Jurassic, Brent Group sandstones were penetrated, but were found dry.

The well bore was plugged back and permanently abandoned on 10 June 2006 as dry well.

Testing

No drill stem test was performed.

Lithostratigraphy

Top depth [mMD RKB]	Lithostrat. unit
160	NORDLAND GP
974	UTSIRA FM
985	HORDALAND GP
1093	NO FORMAL NAME
1562	NO FORMAL NAME
1655	NO FORMAL NAME
1673	NO FORMAL NAME
1785	ROGALAND GP
1785	BALDER FM
1882	LISTA FM
2045	SHETLAND GP
2946	VIKING GP
2946	HEATHER FM
3020	BRENT GP
3020	TARBERT FM
3137	NESS FM



Logs

Log type	Log top depth [m]	Log bottom depth [m]
PEX MDT GR	2440	3843

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
INTERM.	13 3/8	1280.0	17 1/2	1284.0	1.82	LOT
INTERM.	9 5/8	2124.0	12 1/4	2126.0	1.82	LOT
OPEN HOLE		3312.0	8 1/2	3312.0	0.00	LOT

Drilling mud

Depth MD [m]	Mud weight [g/cm3]	Visc. [mPa.s]	Yield point [Pa]	Mud type	Date measured
1484	1.50	29.0		PARATHERM	
1922	1.50	27.0		PARATHERM	
2119	1.50	29.0		PARATHERM	
2668	1.66	33.0		PARATHERM	