

**General information**

Wellbore name	34/10-49 B
Type	EXPLORATION
Purpose	APPRAISAL
Status	P&A
Press release	link to press release
Factmaps in new window	link to map
Main area	NORTH SEA
Field	GULLFAKS SØR
Discovery	34/10-49 S (Alun)
Well name	34/10-49
Seismic location	skuddpunkt 2342 på linje 1777- Seis.survey ST9607
Production licence	050
Drilling operator	Statoil ASA (old)
Drill permit	1117-L
Drilling facility	OCEAN VANGUARD
Drilling days	14
Entered date	08.05.2006
Completed date	21.05.2006
Release date	21.05.2008
Publication date	18.12.2008
Purpose - planned	WILDCAT
Reentry	NO
Content	OIL
Discovery wellbore	NO
1st level with HC, age	EARLY JURASSIC
1st level with HC, formation	STATFJORD GP
Kelly bushing elevation [m]	21.5
Water depth [m]	138.0
Total depth (MD) [m RKB]	5480.0
Final vertical depth (TVD) [m RKB]	3156.0
Maximum inclination [°]	92.1
Bottom hole temperature [°C]	105
Oldest penetrated age	EARLY JURASSIC
Oldest penetrated formation	STATFJORD GP
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	5328

Wellbore history

General

Well 34/10-49 B 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 well had three targets; the Early Cretaceous Sølvkåpe prospect, the Statfjord Formation Spinell prospect, and appraisal of the Statfjord Formation Alun discovery made by 34/10-49 S well. The well was the second of three well paths drilled from the 34/10-49 location to explore five different targets.

Operations and results

Wildcat well 34/10-49 B was drilled with the semi-submersible installation Ocean Vanguard. It was kicked off from the primary well bore 34/10-49 S at 4563 m on 8 May 2006 and drilled deviated to TD at 5480 m (3156 m TVD RKB). The well was drilled highly deviated through Early and Late Jurassic sediments with a roughly horizontal well path in the lower half. TD was set in the Early Cretaceous Cromer Knoll Group.

No reservoir was penetrated in this well bore.

No cores were cut and no fluid samples were taken in the well bore.

The well bore was plugged back and permanently abandoned on 21 May 2006 as a 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
1568	NO FORMAL NAME
1738	NO FORMAL NAME
1750	NO FORMAL NAME
1792	ROGALAND GP
1792	BALDER FM



1872	LISTA FM
1972	SHETLAND GP
2488	VIKING GP
2488	HEATHER FM
2497	BRENT GP
2497	NESS FM
2530	ETIVE FM
2557	RANNOCH FM
2627	DUNLIN GP
2627	DRAKE FM
2740	COOK FM
2925	BURTON FM
2980	AMUNDSEN FM
3405	STATFJORD GP
3482	DUNLIN GP
3482	COOK FM
3618	DRAKE FM
3747	COOK FM
3935	BURTON FM
3988	AMUNDSEN FM
4196	STATFJORD GP
4563	VIKING GP
4563	HEATHER FM
5054	CROMER KNOLL GP

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
OPEN HOLE		5480.0	8 1/2	5480.0	0.00	LOT

Drilling mud

Depth MD [m]	Mud weight [g/cm3]	Visc. [mPa.s]	Yield point [Pa]	Mud type	Date measured
2785	1.64	40.0		PARATHERM	

Pressure plots





The pore pressure data is sourced from well logs if no other source is specified. In some wells where pore pressure logs do not exist, information from Drill stem tests and kicks have been used. The data has been reported to the NPD, and further processed and quality controlled by IHS Markit.

Document name	Document format	Document size [MB]
5328 Formation pressure (Formasjonstrykk)	pdf	0.22

