

**General information**

Wellbore name	34/8-14 C
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	VISUND SØR
Discovery	34/8-14 S Visund Sør
Well name	34/8-14
Seismic location	Survey ST0404:inline 1417 & crossline 1635
Production licence	120
Drilling operator	StatoilHydro ASA
Drill permit	1220-L
Drilling facility	BORGLAND DOLPHIN
Drilling days	7
Entered date	02.12.2008
Completed date	08.12.2008
Release date	08.12.2010
Publication date	08.12.2010
Purpose - planned	APPRAISAL
Reentry	NO
Content	OIL/GAS
Discovery wellbore	NO
1st level with HC, age	MIDDLE JURASSIC
1st level with HC, formation	TARBERT FM
Kelly bushing elevation [m]	31.0
Water depth [m]	292.0
Total depth (MD) [m RKB]	3820.0
Final vertical depth (TVD) [m RKB]	3039.0
Maximum inclination [°]	55.5
Oldest penetrated age	MIDDLE JURASSIC
Oldest penetrated formation	RANNOCH FM
Geodetic datum	ED50
NS degrees	61° 18' 37.9" N
EW degrees	2° 20' 32.9" E
NS UTM [m]	6797715.24



EW UTM [m]	464783.40
UTM zone	31
NPDID wellbore	6021

Wellbore history

General

Well 34/8-14 S with geological sidetracks A, B, C, and D were drilled on the Pan/Pandora prospect on the structural trend between the Visund and the Gimle Fields in the northern North Sea. The western part of the structure, the Pan structure, is defined by rotated fault blocks while the eastern part, the Pandora structure, consists of slided degradational blocks. The general objective of all the wells was to test the hydrocarbon potential in the structure. Both of the wells 34/8-14 S (Pan) and 34/8-14 A (Pandora) proved hydrocarbons in the Brent Group down to top of the Ness Formation shales. The main objective of the appraisal well 34/8-14 C was to prove the OWC in the good Tarbert Formation sandstone in the Pandora structure.

Operations and results

Wildcat well 34/8-14 C was kicked off at 3075 m in well 34/8-14 A with the semi-submersible installation Borgland Dolphin on 2 December 2008 and drilled to TD at 3820 m (3039 m TVD) in the Early Jurassic Rannoch Formation. The well was drilled with XP-07 OBM from kick-off to TD.

Top Brent Group in well 34/8-14 C was encountered at 3544 m (2867 m TVD RKB/2836 m TVD MSL). Surprisingly, both the GOC and the OWC came in shallower than in well 34/8-14 A, at 3583 m (2892 m TVD RKB) and 3591 m (2897 m TVD RKB), respectively. The oil column in well 34/8-14 C was only 6 meters TVD. The OWC in well 34/8-14 C was approximately the same as the OWC in the 34/8-9 S well in the neighbouring S1E segment of the Visund Field.

No cores were cut. The MDT was run for pressure points only, no fluid samples were taken.

The well was plugged back and permanently abandoned on 8 December 2008 as an oil and gas appraisal.

Testing

No drill stem test was performed.

Lithostratigraphy

Top depth [mMD RKB]	Lithostrat. unit
323	NORDLAND GP
1002	UTSIRA FM
1115	HORDALAND GP
1397	NO FORMAL NAME
1452	NO FORMAL NAME



1482	NO FORMAL NAME
1507	NO FORMAL NAME
1915	ROGALAND GP
1915	BALDER FM
2011	SELE FM
2028	LISTA FM
2187	SHETLAND GP
2187	JORSALFARE FM
2376	KYRRE FM
3469	CROMER KNOLL GP
3506	VIKING GP
3506	DRAUPNE FM
3514	HEATHER FM
3544	BRENT GP
3544	TARBERT FM
3629	NESS FM
3684	ETIVE FM
3722	RANNOCH FM

Logs

Log type	Log top depth [m]	Log bottom depth [m]
LWD - GR RES DEN NEU SON FP SVWD	3075	3820

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		3820.0	8 1/2	3820.0	0.00	LOT

Drilling mud

Depth MD [m]	Mud weight [g/cm3]	Visc. [mPa.s]	Yield point [Pa]	Mud type	Date measured
2212	1.60	25.0		OBM-Low ECD	
2265	1.60	25.0		OBM-Low ECD	
2290	1.60	26.0		OBM-Low ECD	
2315	1.60	26.0		OBM-Low ECD	



2362	1.60	26.0		OBM-Low ECD	
2362	1.60	25.0		OBM-Low ECD	