

**General information**

Wellbore name	6608/8-2
Type	EXPLORATION
Purpose	WILDCAT
Status	P&A
Press release	link to press release
Factmaps in new window	link to map
Main area	NORWEGIAN SEA
Well name	6608/8-2
Seismic location	3D Survey:ST01M07-inline 1106 & X-line 1478
Production licence	352
Drilling operator	StatoilHydro ASA
Drill permit	1144-L
Drilling facility	OCEAN VANGUARD
Drilling days	47
Entered date	14.10.2007
Completed date	29.11.2007
Release date	29.11.2009
Publication date	29.11.2009
Purpose - planned	WILDCAT
Reentry	NO
Content	DRY
Discovery wellbore	NO
Kelly bushing elevation [m]	22.0
Water depth [m]	337.0
Total depth (MD) [m RKB]	2831.0
Final vertical depth (TVD) [m RKB]	2831.0
Maximum inclination [°]	2.3
Bottom hole temperature [°C]	87
Oldest penetrated age	LATE TRIASSIC
Oldest penetrated formation	RED BEDS (INFORMAL)
Geodetic datum	ED50
NS degrees	66° 17' 52.58" N
EW degrees	8° 22' 37.01" E
NS UTM [m]	7353445.91
EW UTM [m]	472051.00
UTM zone	32
NPDID wellbore	2989



Wellbore history

General

The 6608/8-2 Bjørk well was drilled 6 km South/Southwest of 6608/8-1, 15 km Northeast of 6608/10-5, 22 km northeast of 6608/10-1, 13 km Northwest of 6608/11-4 (Linerle) and 33 km Northeast of the Norne Field. It is located in the Norwegian Sea at the boundary between the Dønna Terrace and the Nordland ridge. The primary objective was to prove hydrocarbons in the Cretaceous (Coniacian) Lysing sandstones of the Cromer Knoll Group.

Operations and results

Well 6608/8-2 was spudded with the semi-submersible installation Ocean Vanguard on 14 October 2007 and drilled to TD at 2831 m in the Late Triassic Red Beds. The well was drilled with seawater down to 1507 m and Aquadrill mud from 1507 m to TD.

The well was dry without shows. Several thick reservoir zones were encountered in Cretaceous rocks and petrophysical analyses showed that the Cromer Knoll section contained 79 m net sand with a porosity of 23 %.

No cores were cut and no wire line fluid samples were taken.

The well was permanently abandoned on 29 November 2007 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]
1510.00	2832.00

Cuttings available for sampling?	YES
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Lithostratigraphy

Top depth [mMD RKB]	Lithostrat. unit
359	NORDLAND GP
359	NAUST FM
1491	KAI FM
1605	HORDALAND GP
1605	BRYGGE FM



1763	ROGALAND GP
1763	TARE FM
1818	TANG FM
1850	SHETLAND GP
1850	SPRINGAR FM
2597	CROMER KNOLL GP
2597	LYSING FM
2600	LANGE FM
2773	RED BEDS (INFORMAL)

Logs

Log type	Log top depth [m]	Log bottom depth [m]
MWD - GR RES DIR PWD	407	1504
MWD - GR RES DIR PWD SON SMWD	1504	2831
PEX DSI	407	1504

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	407.0	36	410.0	0.00	LOT
SURF.COND.	13 3/8	1498.0	17 1/2	1504.0	0.00	LOT
OPEN HOLE		2831.0	12 1/4	2831.0	0.00	LOT

Drilling mud

Depth MD [m]	Mud weight [g/cm3]	Visc. [mPa.s]	Yield point [Pa]	Mud type	Date measured
1780	1.40	16.0		AQUADRILL	
1850	1.54	22.0		AQUADRILL	
1982	1.54	20.0		AQUADRILL	
2249	1.54	18.0		AQUADRILL	