

**General information**

Wellbore name	6608/11-6
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	6608/11-6
Seismic location	3D Survey:ST04M17.inline 1403 & crossline 3074.
Production licence	128
Drilling operator	StatoilHydro ASA
Drill permit	1190-L
Drilling facility	OCEAN VANGUARD
Drilling days	21
Entered date	17.07.2008
Completed date	06.08.2008
Release date	06.08.2010
Publication date	06.08.2010
Purpose - planned	WILDCAT
Reentry	NO
Content	DRY
Discovery wellbore	NO
Kelly bushing elevation [m]	22.0
Water depth [m]	357.0
Total depth (MD) [m RKB]	1850.0
Final vertical depth (TVD) [m RKB]	1850.0
Maximum inclination [°]	0.7
Bottom hole temperature [°C]	57
Oldest penetrated age	LATE TRIASSIC
Oldest penetrated formation	ÅRE FM
Geodetic datum	ED50
NS degrees	66° 6' 50.6" N
EW degrees	8° 23' 0.1" E
NS UTM [m]	7332946.19
EW UTM [m]	472136.86
UTM zone	32
NPDID wellbore	5868

**Wellbore history****General**

The 6608/11-6 Hauk well was drilled on the Sør High, ca 1.5 km east of the 6608/11-2 Falk discovery in the Norwegian Sea. The primary objective was to prove hydrocarbons in the Jurassic Ile/Ror Formations and Tilje/Åre Formations respectively. Secondary objectives were to prove hydrocarbons in the sandstones in the Melke Formation, Åre 1 Formation, and the Triassic Grey beds.

Operations and results

Wildcat well 6608/11-6 was spudded with the semi-submersible installation Ocean Vanguard on 17 July 2008 and drilled to TD at 1850 m in Late Triassic sediments of the Åre Formation. After setting the 9 5/8" casing at 1300 m, gas was observed between the 18 3/4" and 30" housing. The gas was sampled by the ROV and isotope analysis indicated that the gas was of a thermogenic origin rather than a shallow microbial or biogenic origin. The gas had a high methane concentration (96 vol%). The well was drilled with seawater and hi-vis pills down to 1306 m and with Aquadrill KCl/glycol mud from 1306 m to TD.

The Hauk well penetrated rocks of Quaternary, Tertiary and Jurassic age. The Cretaceous sequence was not present at the well location due to erosion in the area. The Lower Palaeocene Tare Formation rests unconformable on the Middle Jurassic Melke Formation. The observed stratigraphy was close to the prognosis. No hydrocarbons were proven in well 6608/11-6 but minor shows were recorded in cuttings sandstone samples at 1558 and 1561m (even moderate, yellow direct fluorescence, slow streaming dull bluish white cut).

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

The well was permanently abandoned on 6 August 2008 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]
1310.00	1850.00

Cuttings available for sampling?	YES
----------------------------------	-----

Palynological slides at the Norwegian Offshore Directorate

Sample depth	Depth unit	Sample type	Laboratory
1456.0	[m]	DC	FUGRO
1462.0	[m]	DC	FUGRO



1465.0 [m]	DC	FUGRO
1468.0 [m]	DC	FUGRO
1471.0 [m]	DC	FUGRO
1474.0 [m]	DC	FUGRO
1477.0 [m]	DC	FUGRO
1480.0 [m]	DC	FUGRO
1483.0 [m]	DC	FUGRO
1489.0 [m]	DC	FUGRO
1492.0 [m]	DC	FUGRO
1495.0 [m]	DC	FUGRO
1498.0 [m]	DC	FUGRO
1501.0 [m]	DC	FUGRO
1504.0 [m]	DC	FUGRO
1507.0 [m]	DC	FUGRO
1510.0 [m]	DC	FUGRO
1513.0 [m]	DC	FUGRO
1516.0 [m]	DC	FUGRO
1519.0 [m]	DC	FUGRO
1522.0 [m]	DC	FUGRO
1525.0 [m]	DC	FUGRO
1528.0 [m]	DC	FUGRO
1531.0 [m]	DC	FUGRO
1534.0 [m]	DC	FUGRO
1537.0 [m]	DC	FUGRO
1540.0 [m]	DC	FUGRO
1543.0 [m]	DC	FUGRO
1546.0 [m]	DC	FUGRO
1549.0 [m]	DC	FUGRO
1552.0 [m]	DC	FUGRO
1555.0 [m]	DC	FUGRO
1558.0 [m]	DC	FUGRO
1561.0 [m]	DC	FUGRO
1564.0 [m]	DC	FUGRO
1567.0 [m]	DC	FUGRO
1576.0 [m]	DC	FUGRO
1579.0 [m]	DC	FUGRO
1582.0 [m]	DC	FUGRO
1585.0 [m]	DC	FUGRO
1588.0 [m]	DC	FUGRO
1594.0 [m]	DC	FUGRO



1597.0	[m]	DC	FUGRO
1600.0	[m]	DC	FUGRO
1603.0	[m]	DC	FUGRO
1609.0	[m]	DC	FUGRO
1612.0	[m]	DC	FUGRO
1615.0	[m]	DC	FUGRO
1618.0	[m]	DC	FUGRO
1621.0	[m]	DC	FUGRO
1624.0	[m]	DC	FUGRO
1627.0	[m]	DC	FUGRO
1630.0	[m]	DC	FUGRO
1633.0	[m]	DC	FUGRO
1636.0	[m]	DC	FUGRO
1639.0	[m]	DC	FUGRO
1642.0	[m]	DC	FUGRO
1645.0	[m]	DC	FUGRO
1648.0	[m]	DC	FUGRO
1651.0	[m]	DC	FUGRO
1654.0	[m]	DC	FUGRO
1657.0	[m]	DC	FUGRO
1660.0	[m]	DC	FUGRO
1663.0	[m]	DC	FUGRO
1666.0	[m]	DC	FUGRO
1669.0	[m]	DC	FUGRO
1672.0	[m]	DC	FUGRO
1675.0	[m]	DC	FUGRO
1678.0	[m]	DC	FUGRO
1681.0	[m]	DC	FUGRO
1687.0	[m]	DC	FUGRO
1693.0	[m]	DC	FUGRO
1699.0	[m]	DC	FUGRO
1705.0	[m]	DC	FUGRO
1711.0	[m]	DC	FUGRO
1717.0	[m]	DC	FUGRO
1722.0	[m]	DC	FUGRO
1735.0	[m]	DC	FUGRO
1741.0	[m]	DC	FUGRO
1747.0	[m]	DC	FUGRO
1753.0	[m]	DC	FUGRO
1759.0	[m]	DC	FUGRO



1765.0 [m]	DC	FUGRO
1771.0 [m]	DC	FUGRO
1777.0 [m]	DC	FUGRO
1783.0 [m]	DC	FUGRO
1789.0 [m]	DC	FUGRO
1795.0 [m]	DC	FUGRO
1801.0 [m]	DC	FUGRO
1807.0 [m]	DC	FUGRO
1813.0 [m]	DC	FUGRO
1819.0 [m]	DC	FUGRO
1822.0 [m]	DC	FUGRO
1828.0 [m]	DC	FUGRO
1834.0 [m]	DC	FUGRO
1840.0 [m]	DC	FUGRO
1846.0 [m]	DC	FUGRO
1850.0 [m]	DC	FUGRO

Lithostratigraphy

Top depth [mMD RKB]	Lithostrat. unit
379	NORDLAND GP
379	NAUST FM
1331	KAI FM
1354	HORDALAND GP
1354	BRYGGE FM
1442	ROGALAND GP
1442	TARE FM
1500	VIKING GP
1500	MELKE FM
1551	FANGST GP
1551	NOT FM
1587	ILE FM
1601	BÅT GP
1601	TILJE FM
1630	ÅRE FM

Logs



Log type	Log top depth [m]	Log bottom depth [m]
MDT GR ACTS ECRD	1501	1809
MWD LWD - PP ARCVRES9	429	1306
MWD LWD - PP ARCVRES9	1306	1850
PEX DSI DTC ACTS ECRD	1300	1850
VSP GR (VSI-4)	381	1850

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	426.0	36	429.0	0.00	LOT
INTERM.	9 5/8	1300.0	12 1/4	1306.0	1.54	LOT
OPEN HOLE		1850.0	8 1/2	1850.0	0.00	LOT

Drilling mud

Depth MD [m]	Mud weight [g/cm3]	Visc. [mPa.s]	Yield point [Pa]	Mud type	Date measured
429	1.03			seawater	
1306	1.03			seawater	
1850	1.30			WBM/KCL	