

**General information**

Wellbore name	6608/10-12 A
Type	EXPLORATION
Purpose	APPRAISAL
Status	P&A
Press release	<a href="#">link to press release</a>
Factmaps in new window	<a href="#">link to map</a>
Main area	NORWEGIAN SEA
Field	<a href="#">SKULD</a>
Discovery	<a href="#">6608/10-12 Skuld</a>
Well name	6608/10-12
Seismic location	ST04M17-innline 534 & crossline 3680
Production licence	<a href="#">128</a>
Drilling operator	StatoilHydro ASA
Drill permit	1223-L
Drilling facility	<a href="#">OCEAN VANGUARD</a>
Drilling days	32
Entered date	25.12.2008
Completed date	25.01.2009
Release date	25.01.2011
Publication date	25.01.2011
Purpose - planned	APPRAISAL
Reentry	NO
Content	OIL
Discovery wellbore	NO
1st level with HC, age	EARLY JURASSIC
1st level with HC, formation	ÅRE FM
Kelly bushing elevation [m]	22.0
Water depth [m]	338.0
Total depth (MD) [m RKB]	3075.0
Final vertical depth (TVD) [m RKB]	2956.3
Maximum inclination [°]	33
Oldest penetrated age	EARLY JURASSIC
Oldest penetrated formation	ÅRE FM
Geodetic datum	ED50
NS degrees	66° 13' 45.69" N
EW degrees	8° 18' 45.7" E
NS UTM [m]	7345831.65
EW UTM [m]	469084.89

UTM zone	32
NPDID wellbore	6029

## Wellbore history

### General

Well 6608/10-12 A is a re-entry of well 6608/10-12, which discovered oil in a thin Lysing sandstone and in the Åre 2 Formation north of the Norne Field in the Norwegian Sea. The purpose of the 6608/10-12 A Dom pap appraisal well was to encounter the oil-water contact in the main Åre-2 Formation reservoir, and to determine the extent of the discovery.

### Operations and results

Well 6608/10-12 was re-entered with the semi-submersible installation Ocean Vanguard on 25 December 2008. Well 6608/10-12 A was kicked off from mill window at 2046 to 2052 m in the main bore and drilled to TD at 3075 m (2956 m TVD) in the Early Jurassic Åre Formation. It was drilled down flank of the main bore and penetrated top reservoir in a position 410 metres to the south west. Problems with sticky hole were encountered, and no wire line logging was performed. The wellbore was drilled with KCl/polymer/GEM-GP mud from kick-off to TD.

The Intra-Lange Sandstone contained shows from 2629 to 2680 m but was water wet. Several Intra-Melke Formation sandstone units were encountered in the interval 2798 to 2885 m. These sandstones were water wet without shows. The main Åre Formation reservoir was penetrated at 2830 m TVD, 60 m TVD deeper than in the main bore. Hydrocarbons were proven in the main reservoir with a 50 m oil column in the Åre 2 Formation. A potential OWC was noted at 2994 m (2882 m TVD). Poor shows were noted from the OWC down to TD of well.

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

The well was permanently abandoned on 25 January 2009 as an oil appraisal well.

### Testing

No drill stem test was performed.

## Cuttings at the Norwegian Offshore Directorate

Cutting sample, top depth [m]	Cutting samples, bottom depth [m]
2060.00	3075.00

Cuttings available for sampling?	YES
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## Lithostratigraphy

Top depth [mMD RKB]	Lithostrat. unit
360	<a href="#">NORDLAND GP</a>
360	<a href="#">NAUST FM</a>
1403	<a href="#">KAI FM</a>
1565	<a href="#">HORDALAND GP</a>
1565	<a href="#">BRYGGE FM</a>
1772	<a href="#">ROGALAND GP</a>
1772	<a href="#">TARE FM</a>
1834	<a href="#">TANG FM</a>
1862	<a href="#">SHETLAND GP</a>
1862	<a href="#">SPRINGAR FM</a>
1982	<a href="#">NISE FM</a>
2379	<a href="#">KVITNOS FM</a>
2624	<a href="#">CROMER KNOLL GP</a>
2624	<a href="#">LYSING FM</a>
2631	<a href="#">LANGE FM</a>
2679	<a href="#">LYR FM</a>
2768	<a href="#">VIKING GP</a>
2768	<a href="#">SPEKK FM</a>
2777	<a href="#">MELKE FM</a>
2798	<a href="#">INTRA MELKE FM SS</a>
2885	<a href="#">FANGST GP</a>
2885	<a href="#">NOT FM</a>
2934	<a href="#">BÅT GP</a>
2934	<a href="#">ÅRE FM</a>

## Logs

Log type	Log top depth [m]	Log bottom depth [m]
MWD - XCEED ECO/TELE/STETHOSCOPE	2046	3075

## 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		3075.0	8 1/2	3075.0	0.00	LOT

**Drilling mud**

Depth MD [m]	Mud weight [g/cm3]	Visc. [mPa.s]	Yield point [Pa]	Mud type	Date measured
2040	1.45	26.0		KCl/Polymer/GEM	
2060	1.45	33.0		KCl/Polymer/GEM	
2332	1.45	26.0		KCl/Polymer/GEM	
2445	1.45	28.0		KCl/Polymer/GEM	
2472	1.45	30.0		KCl/Polymer/GEM	
2500	1.45	23.0		KCl/Polymer/GEM	
2554	1.45	30.0		KCl/Polymer/GEM	
2690	1.45	27.0		KCl/Polymer/GEM	
3004	1.45	27.0		KCl/Polymer/GEM	
3027	1.45	28.0		KCl/Polymer/GEM	
3071	1.45	22.0		KCl/Polymer/GEM	
3075	1.45	24.0		KCl/Polymer/GEM	