



Generell informasjon

Brønnbane navn	6608/10-12 A
Type	EXPLORATION
Formål	APPRAISAL
Status	P&A
Pressemelding	lenke til pressemelding
Faktakart i nytt vindu	lenke til kart
Hovedområde	NORWEGIAN SEA
Felt	SKULD
Funn	6608/10-12 Skuld
Brønn navn	6608/10-12
Seismisk lokalisering	ST04M17-innline 534 & crossline 3680
Utvinningstillatelse	128
Boreoperatør	StatoilHydro ASA
Boretillatelse	1223-L
Boreinnretning	OCEAN VANGUARD
Boredager	32
Borestart	25.12.2008
Boreslutt	25.01.2009
Frigitt dato	25.01.2011
Publiseringsdato	25.01.2011
Opprinnelig formål	APPRAISAL
Gjenåpnet	NO
Innhold	OIL
Funnbrønnbane	NO
1. nivå med hydrokarboner, alder	EARLY JURASSIC
1. nivå med hydrokarboner, formasjon.	ÅRE FM
Avstand, boredekk - midlere havflate [m]	22.0
Vanndybde ved midlere havflate [m]	338.0
Totalt målt dybde (MD) [m RKB]	3075.0
Totalt vertikalt dybde (TVD) [m RKB]	2956.3
Maks inklinasjon [°]	33
Eldste penetrerte alder	EARLY JURASSIC
Eldste penetrerte formasjon	ÅRE FM
Geodetisk datum	ED50
NS grader	66° 13' 45.69" N
ØV grader	8° 18' 45.7" E



NS UTM [m]	7345831.65
ØV UTM [m]	469084.89
UTM sone	32
NPDID for brønnbanen	6029

Brønnhistorie

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 Dompap 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.

Borekaks i Sokkeldirektoratet

Borekaksprøve, topp dybde [m]	Borekaksprøve, bunn dybde [m]
2060.00	3075.00

Borekaks tilgjengelig for prøvetaking?	YES
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Litostratigrafi



Topp Dyb [mMD RKB]	Litostrat. enhet
360	NORDLAND GP
360	NAUST FM
1403	KAI FM
1565	HORDALAND GP
1565	BRYGGE FM
1772	ROGALAND GP
1772	TARE FM
1834	TANG FM
1862	SHETLAND GP
1862	SPRINGAR FM
1982	NISE FM
2379	KVITNOS FM
2624	CROMER KNOLL GP
2624	LYSING FM
2631	LANGE FM
2679	LYR FM
2768	VIKING GP
2768	SPEKK FM
2777	MELKE FM
2798	INTRA MELKE FM SS
2885	FANGST GP
2885	NOT FM
2934	BÅT GP
2934	ÅRE FM

Logger

Type logg	Topp dyp for logg [m]	Bunn dyp for logg [m]
MWD - XCEED ECO/TELE/STETHOSCOPE	2046	3075

Foringsrør og formasjonsstyrketester

Type utforing	Utforing diam. [tommer]	Utforing dybde [m]	Brønnbane diam. [tommer]	Brønnbane dyp [m]	LOT/FIT slam eqv. [g/cm3]	Type formasjonstest
OPEN HOLE		3075.0	8 1/2	3075.0	0.00	LOT



Boreslam

Dybde MD [m]	Egenvekt, slam [g/cm ³]	Viskositet, slam [mPa.s]	Fløytetegnse [Pa]	Type slam	Dato, måling
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	