



Generell informasjon

Brønnbane navn	6706/11-2
Type	EXPLORATION
Formål	WILDCAT
Status	P&A
Pressemelding	lenke til pressemelding
Faktakart i nytt vindu	lenke til kart
Hovedområde	NORWEGIAN SEA
Funn	6706/11-2 (Gymir)
Brønn navn	6706/11-2
Seismisk lokalisering	ST11M09Z14 3D.inline 3533 & xline 2158
Utvinningstillatelse	602
Boreoperatør	Statoil Petroleum AS
Boretillatelse	1582-L
Boreinnretning	TRANSOCEAN SPITSBERGEN
Boredager	13
Borestart	25.05.2015
Boreslutt	06.06.2015
Frigitt dato	06.06.2017
Publiseringsdato	06.06.2017
Opprinnelig formål	WILDCAT
Gjenåpnet	NO
Innhold	GAS
Funnbrønnbane	YES
1. nivå med hydrokarboner, alder	LATE CRETACEOUS
1. nivå med hydrokarboner, formasjon.	NISE FM
Avstand, boredekk - midlere havflate [m]	40.0
Vanndybde ved midlere havflate [m]	1272.0
Totalt målt dybde (MD) [m RKB]	2596.0
Totalt vertikalt dybde (TVD) [m RKB]	2596.0
Maks inklinasjon [°]	2.6
Temperatur ved bunn av brønnbanen [°C]	59
Eldste penetrerte alder	LATE CRETACEOUS
Eldste penetrerte formasjon	NISE FM
Geodetisk datum	ED50
NS grader	67° 3' 56.97" N



ØV grader	6° 32' 57.4" E
NS UTM [m]	7441008.15
ØV UTM [m]	393448.69
UTM sone	32
NPDID for brønnbanen	7709

Brønnhistorie

General

Well 6706/11-2 was drilled to test the Gymir prospect about 20 kilometres west of the Aasta Hansteen field in the northern part of the Norwegian Sea. The primary objective was to prove petroleum in the Late Cretaceous Nise formation.

Operations and results

Wildcat well 6706/11-2 was spudded with the semi-submersible installation Transocean Spitsbergen on 25 May 2015 and drilled to TD at 2596 m in the Late Cretaceous Nise Formation. No significant problem was encountered in the operations. The well was drilled with seawater and hi-vis sweeps down to 1896 m and with Versatec DW oil-based mud from 1896 m to TD.

Top of the Nise Reservoir was encountered at 2375 m. The Nise Formation contained gas column of about 69 m, of which 40 m in sandstone with very good reservoir quality. The gas/water contact was established by logs and good pressure data at 2444 m. The contact match with a seismic flat spot. Oil shows (light coloured direct and cut fluorescence) were described in the interval 2385 to 2393 m

One core was cut from 2388 to 2415 m in the Nise Formation. MDT fluid samples were taken at 2381.23 m (gas) and at 2483.15 m (water).

The well was permanently abandoned on 6 June 2015 as a gas discovery.

Testing

No drill stem test was performed.

Borekaks i Sokkeldirektoratet

Borekaksprøve, topp dybde [m]	Borekaksprøve, bunn dybde [m]
1900.00	2596.00

Borekaks tilgjengelig for prøvetaking?	YES
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Borekjerter i Sokkeldirektoratet



Kjerneprøve nummer	Kjerneprøve - topp dybde	Kjerneprøve - bunn dybde	Kjerneprøve dybde - enhet
1	2388.0	2415.2	[m]

Total kjerneprøve lengde [m]	27.2
Kjerner tilgjengelig for prøvetaking?	YES

Litostratigrafi

Topp Dyb [mMD RKB]	Litostrat. enhet
1312	NORDLAND GP
1312	NAUST FM
1840	HORDALAND GP
1840	BRYGGE FM
1996	ROGALAND GP
1996	TARE FM
2050	TANG FM
2090	SHETLAND GP
2090	SPRINGAR FM
2375	NISE FM

Logger

Type logg	Topp dyp for logg [m]	Bunn dyp for logg [m]
AIT OBMI	2278	2596
CMR MDT	2360	2580
ECS	2372	2426
MSIP	1365	1890
MWD - DIR APWD	1312	1390
MWD - GR RES DIR APWD	1390	1896
MWD - GR RES DIR APWD NEU CAL SO	1896	2281
MWD - GR RES DIR APWD POSTCORE	2415	2598
MWD - GR REWS DIR APWD PRECORE	2281	2388
PEX MSIP GR	1365	2596
VSP	1316	2586



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
CONDUCTOR	30	1388.0	36	1390.0	0.00	
INTERM.	13 3/8	1887.0	17 1/2	1896.0	0.00	
		1899.0		1899.0	1.23	FIT
LINER	9 5/8	2280.0	12 1/4	2281.0	0.00	
		2284.0		2284.0	1.45	LOT
OPEN HOLE		2596.0	8 1/2	2596.0	0.00	

Boreslam

Dybde MD [m]	Egenvekt, slam [g/cm3]	Viskositet, slam [mPa.s]	Fløtegrense [Pa]	Type slam	Dato, måling
1900	1.10	18.0		Versatec	
2252	1.13	22.0		Versatec	
2456	1.15	19.0		Versatec	
2596	1.15	20.0		Versatec	