



Generell informasjon

Brønnbane navn	7222/11-2
Type	EXPLORATION
Formål	WILDCAT
Status	P&A
Pressemelding	lenke til pressemelding
Faktakart i nytt vindu	lenke til kart
Hovedområde	BARENTS SEA
Funn	7222/11-2 (Langlitinden)
Brønn navn	7222/11-2
Seismisk lokalisering	SG9803STR09:inline 7325 & xline 6721
Utvinningstillatelse	659
Boreoperatør	Det norske oljeselskap ASA
Boretillatelse	1488-L
Boreinnretning	TRANSOCEAN BARENTS
Boredager	45
Borestart	14.01.2014
Boreslutt	27.02.2014
Frigitt dato	27.02.2016
Publiseringsdato	27.02.2016
Opprinnelig formål	WILDCAT
Gjenåpnet	NO
Innhold	OIL
Funnbrønnbane	YES
1. nivå med hydrokarboner, alder	MIDDLE TRIASSIC
1. nivå med hydrokarboner, formasjon.	KOBBE FM
Avstand, boredekk - midlere havflate [m]	40.0
Vanndybde ved midlere havflate [m]	338.0
Totalt målt dybde (MD) [m RKB]	2918.0
Totalt vertikalt dybde (TVD) [m RKB]	2918.0
Maks inklinasjon [°]	1.1
Eldste penetrerte alder	EARLY TRIASSIC
Eldste penetrerte formasjon	KLAPPMYSS FM
Geodetisk datum	ED50
NS grader	72° 6' 23.17" N
ØV grader	22° 36' 47.74" E
NS UTM [m]	8006502.24



ØV UTM [m]	349675.60
UTM sone	35
NPDID for brønnbanen	7317

Brønnhistorie

General

Well 7222/11-2 was drilled to test the Langlitinden prospect on the southeast end of the Loppa High in the Barents Sea. The well was drilled ca 6 km northeast of the 7222/11-1 Caurus gas discovery well. The primary objective was to explore a large seismic scale channel above a potential shutoff in the Kobbe Formation.

Operations and results

Wildcat well 7222/11-2 was spudded with the semi-submersible installation Transocean Barents on 14 January 2014 and drilled to TD at 2918 m in the Early Triassic Klappmyss Formation. A 9 7/8" pilot hole was drilled from the 30" conductor shoe due to reporting of residual oil and gas in the well 7222/11-1 between 748 m and 775 m MSL. No shallow gas was observed, and the pilot section was opened up to 26" before a 20" casing was ran and cemented. Stuck BHA was experienced near TD in the well, but otherwise no significant problem was encountered in the operations. The well was drilled with seawater and hi-vis pills down to 640 m and with Glydril mud from 640 m to TD.

A gas peak was recorded from a thin sand at 1765 in the Snadd Formation; otherwise, no hydrocarbon indications were seen above Kobbe Formation level. Oil was found in Kobbe low permeability sandstone, with oil shows on the core between 2099 and 2128 m. It was impossible to establish any pressure gradients or hydrocarbon contacts in the well. The main sand, a channel at 2102 to 2127 m, had 3.5 m net pay with 19.1% average core porosity and 0.5 mD permeability based on a in a mini-DST.

Three cores were cut from 2095 to 2258 m, recovering a total of 163.17 m core (100.1% recovery). MDT fluid samples were taken at 2107.2 m (oil) and 2124.5 m (oil).

The well was permanently abandoned on 27 February as a technical oil discovery.

Testing

No drill stem test was performed.

Borekaks i Sokkeldirektoratet

Borekaksprøve, topp dybde [m]	Borekaksprøve, bunn dybde [m]
650.00	2918.00

Borekaks tilgjengelig for prøvetaking?	YES
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Borekjerne i Sokkeldirektoratet



Kjerneprøve nummer	Kjerneprøve - topp dybde	Kjerneprøve - bunn dybde	Kjerneprøve dybde - enhet
1	2095.0	2149.1	[m]
2	2149.1	2204.7	[m]
3	2204.7	2258.8	[m]

Total kjerneprøve lengde [m]	163.8
Kjerner tilgjengelig for prøvetaking?	YES

Litostratigrafi

Topp Dyb [mMD RKB]	Litostrat. enhet
379	NORDLAND GP
379	NAUST FM
461	ADVENTDALEN GP
461	UNDIFFERENTIATED
487	KAPP TOSCANA GP
487	UNDIFFERENTIATED
628	FRUHOLMEN FM
672	SNADD FM
2023	SASSENDALEN GP
2023	KOBBE FM
2858	KLAPPMYSS FM

Logger

Type logg	Topp dyp for logg [m]	Bunn dyp for logg [m]
FMI DSI LEH	2040	2200
MDT DP GR	2107	2124
MDT GR	2096	2797
MWD-GR DI	378	442
MWD-GR RES ECD NEU DEN DI	2029	2918
MWD-GR RES NEU DEN SON DI	1150	2029
MWD-GR RES SON DI	442	1150
PEX HRLA HNGS CMR ECS	2288	2700
VSP GR	1229	2830



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	438.4	36	443.0	0.00	
SURF.COND.	20	636.3	26	640.0	0.00	
PILOT HOLE		640.0	9 7/8	640.0	0.00	
INTERM.	13 3/8	1143.3	17 1/2	1150.0	1.99	FIT
LINER	9 5/8	2028.0	12 1/4	2029.0	0.00	
OPEN HOLE		2918.0	8 1/2	2918.0	0.00	

Boreslam

Dybde MD [m]	Egenvekt, slam [g/cm3]	Viskositet, slam [mPa.s]	Flytegrense [Pa]	Type slam	Dato, måling
430	1.25	20.0		Glydril	
1150	1.32	19.0		Glydril	
1186	1.21	17.0		Glydril	
1875	1.25	19.0		Glydril	
2029	1.21	15.0		Glydril	
2167	1.21	14.0		Glydril	
2918	1.23	16.0		Glydril	
2918	1.25	16.0		Glydril	
2918	1.23	16.0		Glydril	
2918	1.25	16.0		Glydril	