



Generell informasjon

Brønnbane navn	7/4-3
Type	EXPLORATION
Formål	WILDCAT
Status	P&A
Pressemelding	lenke til pressemelding
Faktakart i nytt vindu	lenke til kart
Hovedområde	NORTH SEA
Brønn navn	7/4-3
Seismisk lokalisering	3D survey LN10M08 - inline 35867 & crossline 11804
Utvinningstillatelse	495
Boreoperatør	Lundin Norway AS
Boretillatelse	1432-L
Boreinnretning	MÆRSK GUARDIAN
Boredager	60
Borestart	05.04.2013
Boreslutt	03.06.2013
Frigitt dato	03.06.2015
Publiseringsdato	03.06.2015
Opprinnelig formål	WILDCAT
Gjenåpnet	NO
Innhold	DRY
Funnbrønnbane	NO
Avstand, boredekk - midlere havflate [m]	43.0
Vanndybde ved midlere havflate [m]	83.0
Totalt målt dybde (MD) [m RKB]	3000.0
Totalt vertikalt dybde (TVD) [m RKB]	3000.0
Maks inklinasjon [°]	2.7
Eldste penetrerte alder	TRIASSIC
Eldste penetrerte formasjon	SMITH BANK FM
Geodetisk datum	ED50
NS grader	57° 42' 16.54" N
ØV grader	2° 12' 15.81" E
NS UTM [m]	6396245.56
ØV UTM [m]	452583.87
UTM sone	31
NPDID for brønnbanen	7121



Brønnhistorie

General

Well 7/4-3 was drilled on the Carlsberg prospect on Jæren High in the North Sea. The primary objective was to prove reservoir potential and hydrocarbons in Late Triassic sediments of the Skagerrak Formation. Secondary objective was to prove reservoir potential and hydrocarbons in the Late Cretaceous-Paleocene age sediments of the Ekofisk and Tor formations.

Operations and results

Wildcat well 7/4-3 was spudded with the jack-up installation Mærsk Guardian on 5 April 2013 and drilled to TD at 3000 m in the Triassic Smith Bank Formation. The well was drilled without significant problems. It was drilled with seawater and hi-vis sweeps down to 240 m, with KCl/polymer mud from 240 m to 806 m, and with Performadril water based mud from 806 m to TD.

The well drilled a thick Triassic sequence of floodplain mudstones assigned to the Smith Bank Formation. This did not contain any fluvial sandstones and the sequence had no reservoir quality. The well encountered Late Cretaceous to Paleocene age chalks of the Hod, Tor and Ekofisk formations with the prognosed development. There were however, no indication of hydrocarbons on the logs, or oil shows recorded, throughout the well.

No cores were cut and no wire line logs were run in the well. No fluid sampling was performed.

The well was permanently abandoned on 3 June as a dry well.

Testing

No drill stem test was performed.

Borekaks i Sokkeldirektoratet

Borekaksprøve, topp dybde [m]	Borekaksprøve, bunn dybde [m]
250.00	3000.00

Borekaks tilgjengelig for prøvetaking?	YES
--	-----

Litostratigrafi

Topp Dyb [mMD RKB]	Litostrat. enhet
126	NORDLAND GP
126	UNDIFFERENTIATED
240	NO FORMAL NAME
280	NO FORMAL NAME



351	UNDIFFERENTIATED
1098	HORDALAND GP
1098	NO FORMAL NAME
2029	NO FORMAL NAME
2123	ROGALAND GP
2123	BALDER FM
2155	SELE FM
2276	LISTA FM
2318	VÅLE FM
2334	SHETLAND GP
2334	EKOFISK FM
2352	TOR FM
2476	HOD FM
2678	HIDRA FM
2692	CROMER KNOLL GP
2692	RØDBY FM
2710	SOLA FM
2718	ÅSGARD FM
2733	HEGRE GP
2733	SMITH BANK FM

Logger

Type logg	Topp dyp for logg [m]	Bunn dyp for logg [m]
MWD - GR RES PWD DEN NEU SON DIR	2275	2997
MWD - GR RES PWD SON DIR	226	807
MWD - NBGR RES GR PWD SON DIR	778	2298

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	233.0	36	240.0	0.00	
SURF.COND.	20	799.0	26	806.0	1.65	LOT
INTERM.	13 3/8	2291.0	17 1/2	2300.0	1.91	LOT
INTERM.	9 5/8	2685.0	12 1/4	2693.0	1.90	FIT
OPEN HOLE		3000.0	8 1/2	3000.0	0.00	



Boreslam

Dybde MD [m]	Egenvekt, slam [g/cm ³]	Viskositet, slam [mPa.s]	flytegrense [Pa]	Type slam	Dato, måling
240	1.10	23.0		Water Based	
377	1.13	24.0		Water Based	
808	1.16	22.0		Water Based	
2145	1.54	57.0		Water Based	
2398	1.55	44.0		Water Based	
2716	1.55	42.0		Water Based	