



Generell informasjon

Brønnbane navn	25/5-6
Type	EXPLORATION
Formål	WILDCAT
Status	P&A
Pressemelding	lenke til pressemelding
Faktakart i nytt vindu	lenke til kart
Hovedområde	NORTH SEA
Brønn navn	25/5-6
Seismisk lokalisering	inline 1928 & crossline 909 T006R06111
Utvinningstillatelse	363
Boreoperatør	Lundin Norway AS
Boretillatelse	1263-L
Boreinnretning	TRANSOCEAN WINNER
Boredager	24
Borestart	27.08.2009
Boreslutt	19.09.2009
Frigitt dato	06.01.2011
Publiseringsdato	20.06.2011
Opprinnelig formål	WILDCAT
Gjenåpnet	NO
Innhold	DRY
Funnbrønnbane	NO
Avstand, boredekk - midlere havflate [m]	26.0
Vanndybde ved midlere havflate [m]	118.0
Totalt målt dybde (MD) [m RKB]	2446.0
Totalt vertikalt dybde (TVD) [m RKB]	2446.0
Maks inklinasjon [°]	1.1
Eldste penetrerte alder	PALEOCENE
Eldste penetrerte formasjon	HEIMDAL FM
Geodetisk datum	ED50
NS grader	59° 44' 18.85" N
ØV grader	2° 23' 52.81" E
NS UTM [m]	6622604.69
ØV UTM [m]	466156.04
UTM sone	31
NPDID for brønnbanen	6167



Brønnhistorie

General

Well 25/5-6 was drilled on the Heimdal Terrace, mid-way between the 25/2-5 Lille-Frøy discovery and the Frøy and Vale fields in the North Sea. The objective was to test the potential of the Mon Prospect with the Paleocene Hermod

Sandstones as the main reservoir formation and the informal "Odin Member" intra-Balder sandstone as a secondary target.

Operations and results

Wildcat well 25/5-6 was spudded with the semi-submersible installation Transocean Winner on 27 August 2009 and drilled to TD at 2446 m in the Late Paleocene Heimdal Formation. Significant lost circulation occurred in the 17 1/2" section from 331 to 1158 m. Dynamic losses were recorded throughout the section, but were controlled by spotting LCM pills and reducing mud weight. The well was drilled with seawater and bentonite sweeps down to 337 m, with Glydril mud from 337 m to 1158 m, and with EMS-234 WBM mud from 1158 m to TD.

The well encountered sandstones both in the primary objective Hermod Formation and in the secondary objective Odin Member. Both reservoirs proved to be water-bearing. The Hermod sandstones were slightly thicker than prognosed (gross thickness of 68.5 m) with excellent reservoir properties. The Odin sands comprised a gross thickness of 16 m with good reservoir properties. No oil shows were recorded in the well, and the gas levels were generally low and did not indicate any significant hydrocarbons.

No cores were cut. A zero-offset VSP log was the only wire line log run in the well. No fluid samples were taken.

The well was permanently abandoned on 19 September 2009 as a dry well.

Testing

No drill stem test was performed.

Borekaks i Sokkeldirektoratet

Borekaksprøve, topp dybde [m]	Borekaksprøve, bunn dybde [m]
340.00	2447.00

Borekaks tilgjengelig for prøvetaking?	YES
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Palynologiske preparater i Sokkeldirektoratet

Prøve dybde	Dybde enhet	Prøve type	Laboratorie
2159.0	[m]	DC	PETROSTR
2168.0	[m]	DC	PETROS



2177.0	[m]	DC	PETROS
2186.0	[m]	DC	PETROS
2195.0	[m]	DC	PETROS
2204.0	[m]	DC	PETROS
2213.0	[m]	DC	PETROS
2222.0	[m]	DC	PETROS
2231.0	[m]	DC	PETROS
2240.0	[m]	DC	PETROS
2249.0	[m]	DC	PETROS
2258.0	[m]	DC	PETROS
2267.0	[m]	DC	PETROS
2276.0	[m]	DC	PETROS
2285.0	[m]	DC	PETROS
2294.0	[m]	DC	PETROS
2303.0	[m]	DC	PETROS
2315.0	[m]	DC	PETROS
2324.0	[m]	DC	PETROS
2333.0	[m]	DC	PETROS
2342.0	[m]	DC	PETROS
2351.0	[m]	DC	PETROS
2360.0	[m]	DC	PETROS
2369.0	[m]	DC	PETROS
2378.0	[m]	DC	PETROS
2387.0	[m]	DC	PETROS
2399.0	[m]	DC	PETROS
2411.0	[m]	DC	PETROS
2423.0	[m]	DC	PETROS
2435.0	[m]	DC	PETROS
2441.0	[m]	DC	PETROS
2447.0	[m]	DC	PETROS

Litostratigrafi

Topp Dyb [mMD RKB]	Litostrat. enhet
144	NORDLAND GP
505	UTSIRA FM
867	HORDALAND GP
867	SKADE FM
1032	NO FORMAL NAME



2165	ROGALAND GP
2165	BALDER FM
2230	SELE FM
2240	HERMOD FM
2309	SELE FM
2341	LISTA FM
2344	HEIMDAL FM
2376	LISTA FM
2405	HEIMDAL FM

Logger

Type logg	Topp dyp for logg [m]	Bunn dyp for logg [m]
MWD LWD - GR RES DEN NEU SON PWD	1158	2446
MWD LWD - GR RES DIR PWD	337	1158
VSP-ZO	449	2415

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	221.0	36	223.0	0.00	LOT
SURF.COND.	20	331.0	26	337.0	0.00	LOT
INTERM.	13 3/8	1150.0	17 1/2	1158.0	1.68	LOT
OPEN HOLE		2446.0	8 1/2	2446.0	0.00	LOT

Boreslam

Dybde MD [m]	Egenvekt, slam [g/cm3]	Viskositet, slam [mPa.s]	flytegrense [Pa]	Type slam	Dato, måling
144	1.03			Water	
337	1.05			Water	
862	1.10			Water	
1161	1.35			Water	
1793	1.35			Water	
2446	1.39			Water	