



Generell informasjon

Brønnbane navn	24/9-8
Type	EXPLORATION
Formål	WILDCAT
Status	P&A
Pressemelding	lenke til pressemelding
Faktakart i nytt vindu	lenke til kart
Hovedområde	NORTH SEA
Brønn navn	24/9-8
Seismisk lokalisering	f19501R04-INLINE 6640 & CROSSLINE 2826
Utvinningstillatelse	305
Boreoperatør	Det Norske Oljeselskap ASA (old)
Boretillatelse	1141-L
Boreinnretning	BREDFORD DOLPHIN
Boredager	49
Borestart	18.07.2007
Boreslutt	04.09.2007
Frigitt dato	04.09.2009
Publiseringsdato	05.09.2009
Opprinnelig formål	WILDCAT
Gjenåpnet	NO
Innhold	DRY
Funnbrønnbane	NO
Avstand, boredekk - midlere havflate [m]	25.0
Vanndybde ved midlere havflate [m]	123.0
Totalt målt dybde (MD) [m RKB]	2190.0
Totalt vertikalt dybde (TVD) [m RKB]	2190.0
Maks inklinasjon [°]	1.3
Eldste penetrerte alder	PALEOCENE
Eldste penetrerte formasjon	HEIMDAL FM
Geodetisk datum	ED50
NS grader	59° 21' 59.99" N
ØV grader	1° 57' 17.97" E
NS UTM [m]	6581500.03
ØV UTM [m]	440600.02
UTM sone	31
NPDID for brønnbanen	5563



Brønnhistorie

General

Wildcat well 24/9-8 was drilled in the Vana sub-basin of the North Sea, about 12 km south of the Volund Field. The main objective of the well was to test the Lie prospect, a four way dip closure at Paleocene Heimdal level. The structure is a low relief structure with a maximum prognosed closure of about 30 m.

Operations and results

Well 24/9-8 was spudded with the semi-submersible installation Bredford Dolphin on 18 July 2007 and drilled to TD at 2190 m in the Paleocene Heimdal Formation. The well had a relatively large proportion of non-productive time, close to 50% of the total rig time. There were few down-hole problems. Major delays were caused by surface equipment failures and training of new personnel. This was the first well for Bredford Dolphin in Norwegian waters. The well was drilled with seawater down to 775 m, with KCl mud from 775 m to 1446 m, and with Performadril from 1446 m to TD.

The Heimdal Formation proved to be a massive highly porous sandstone, but no hydrocarbons were encountered in the well. No oil shows was observed in the well. The total gas was in general very low in the well.

No cores were cut and no wire line logs were run in the well. No wire line fluid samples were taken.

The well was permanently abandoned on 4 September as a dry well.

Testing

No drill stem test was performed.

Borekaks i Sokkeldirektoratet

Borekaksprøve, topp dybde [m]	Borekaksprøve, bunn dybde [m]
790.00	2190.00

Borekaks tilgjengelig for prøvetaking?	YES
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Litostratigrafi

Topp Dyb [mMD RKB]	Litostrat. enhet
148	NORDLAND GP
433	UTSIRA FM
716	HORDALAND GP
716	SKADE FM



875	NO FORMAL NAME
1230	GRID FM
1422	NO FORMAL NAME
1936	ROGALAND GP
1936	BALDER FM
2049	SELE FM
2100	LISTA FM
2142	HEIMDAL FM

Logger

Type logg	Topp dyp for logg [m]	Bunn dyp for logg [m]
LWD - EWR DGR CTN ALD BAT	1451	2190
LWD - EWR DGR PWD	775	1446
LWD - EWR DGR PWD DIR	221	775

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	214.0	36	214.0	0.00	LOT
SURF.COND.	20	769.0	26	775.0	1.21	LOT
INTERM.	13 3/8	1441.0	17 1/2	1446.0	1.53	LOT
OPEN HOLE		2190.0	8 1/2	2190.0	0.00	LOT

Boreslam

Dybde MD [m]	Egenvekt, slam [g/cm3]	Viskositet, slam [mPa.s]	flytegrense [Pa]	Type slam	Dato, måling
415	1.30	60.0		WATER BASED	
775	1.25	75.0		WATER BASED	
818	1.10	67.0		WATER BASED	
927	1.12	70.0		WATER BASED	