



Generell informasjon

Brønnbane navn	6507/1-1
Type	EXPLORATION
Formål	WILDCAT
Status	P&A
Pressemelding	lenke til pressemelding
Faktakart i nytt vindu	lenke til kart
Hovedområde	NORWEGIAN SEA
Brønn navn	6507/1-1
Seismisk lokalisering	
Utvinningstillatelse	261 BS
Boreoperatør	Chevron Texaco Norge AS
Boretillatelse	1082-L
Boreinnretning	STENA DEE
Boredager	39
Borestart	25.09.2004
Boreslutt	02.11.2004
Frigitt dato	02.11.2006
Publiseringsdato	15.12.2006
Opprinnelig formål	WILDCAT
Gjenåpnet	NO
Innhold	DRY
Funnbrønnbane	NO
Avstand, boredekk - midlere havflate [m]	25.0
Vanndybde ved midlere havflate [m]	397.0
Totalt målt dybde (MD) [m RKB]	3745.0
Totalt vertikalt dybde (TVD) [m RKB]	3745.0
Temperatur ved bunn av brønnbanen [°C]	121
Eldste penetrerte alder	LATE CRETACEOUS
Eldste penetrerte formasjon	LANGE FM
Geodetisk datum	ED50
NS grader	65° 56' 19.02" N
ØV grader	7° 15' 39.03" E
NS UTM [m]	7314349.78
ØV UTM [m]	420879.95
UTM sone	32
NPDID for brønnbanen	4955



Brønnhistorie

General

Wildcat well 6507/1-1 was drilled off shore Mid Norway on the Dønna Terrace, west of the 6507/2-2 Discovery. The primary objective for the well was to test the potential for hydrocarbon reservoirs in the Cretaceous Lysing formation.

The well should drill into the Lange Formation in order to tag and evaluate a seismic marker.

Operations and results

Well 6507/1-1 was spudded with the semi-submersible installation Stena Dee on 25 September 2004 and drilled to TD at 3745 m in Late Cretaceous sediments in the Lange Formation. Drilling to TD went without significant problems, but wire line logs could not pass 2135 m due to an obstruction at this depth. When running the BHA for conditioning the hole, lost circulation occurred and it was decided to plug and abandon without wire line logging. Hence, only MWD is available below 2135. The well was drilled with seawater and bentonite gel sweeps down to 1377 m and with Versavert oil based mud from 1377 m to TD.

The only significant reservoir section in the well was the 64 m gross thickness Lysing Formation, encountered at 3446 m. No hydrocarbons were detected, and the only shows seen were fluorescence due to the oil base in the mud. The Lange Marker was tagged at 3693 m. No wire line pressure measurements or formation fluid samples were taken. No cores were cut.

The well was permanently abandoned on 2 November 2004 as dry.

Testing

No drill stem test was performed

Borekaks i Sokkeldirektoratet

Borekaksprøve, topp dybde [m]	Borekaksprøve, bunn dybde [m]
1390.00	3745.00

Borekaks tilgjengelig for prøvetaking?	YES
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Litostratigrafi

Topp Dyb [mMD RKB]	Litostrat. enhet
423	NORDLAND GP
423	NAUST FM
1536	KAI FM



1895	HORDALAND GP
1895	BRYGGE FM
1992	ROGALAND GP
1992	TARE FM
2090	TANG FM
2145	SHETLAND GP
2145	SPRINGAR FM
2331	NISE FM
2478	KVITNOS FM
3446	CROMER KNOLL GP
3446	LYSING FM
3510	LANGE FM

Logger

Type logg	Topp dyp for logg [m]	Bunn dyp for logg [m]
DSI AIT PEX HGNS	1372	2135
MWD LWD - MPR APX	1380	3745
MWD LWD - MPR GR RES	511	1377

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	511.0	36	511.0	0.00	LOT
SURF.COND.	13 3/8	1372.0	17 1/2	1377.0	1.80	LOT
OPEN HOLE		3745.0	8 1/2	3745.0	0.00	LOT

Boreslam

Dybde MD [m]	Egenvekt, slam [g/cm3]	Viskositet, slam [mPa.s]	Flytegrense [Pa]	Type slam	Dato, måling
422	0.00			SEAWATER	
511	1.03			SEAWATER /GEL	
760	0.00			SEAWATER	
1311	1.03			SEAWATER	