Generell informasjon

Brønnbane navn	6507/7-7
Type	EXPLORATION
Formål	APPRAISAL
Status	JUNKED
Faktakart i nytt vindu	lenke til kart
Hovedområde	NORWEGIAN SEA
Felt	HEIDRUN
Funn	6507/7-2 Heidrun
Brønn navn	6507/7-7
Seismisk lokalisering	CN 8502 - 482 SP. 570
Utvinningstillatelse	095
Boreoperatør	Conoco Norway Inc.
Boretillatelse	546-L
Boreinnretning	TREASURE HUNTER
Boredager	28
Borestart	11.05.1987
Boreslutt	07.06.1987
Frigitt dato	07.06.1989
Publiseringsdato	15.12.2006
Opprinnelig formål	APPRAISAL
Gjenåpnet	NO
Innhold	NOT APPLICABLE
Funnbrønnbane	NO
Avstand, boredekk - midlere havflate [m]	25.0
Vanndybde ved midlere havflate [m]	335.0
Totalt målt dybde (MD) [m RKB]	1035.0
Totalt vertikalt dybde (TVD) [m RKB]	1027.0
Maks inklinasjon [°]	4.8
Eldste penetrerte alder	PLIOCENE
Eldste penetrerte formasjon	NAUST FM
Geodetisk datum	ED50
NS grader	65° 17' 52.25'' N
ØV grader	7° 18' 50.65'' E
NS UTM [m]	7242882.38
ØV UTM [m]	421386.83
UTM sone	32
NPDID for brønnbanen	1056

Brønnhistorie

General

Well 6507/7-7 was drilled on the southern flank of the Heidrun Field on the Halten Terrace. The primary objective was to appraise reserves in this part of the field. Further objectives were to obtain cores from the Tomma Formation (Fangst Group), to evaluate vertical communication between sandstone units in this section, and to obtain a water sample from the Aldra (Tilje) Formation.

Operations and results

Appraisal well 6507/7-7 was spudded with the semi-submersible installation Treasure Hunter on 11 May 1987. At 455 m the drill string backed off during a connection. Fishing was unsuccessful and an eighty-meter long fish was left in the hole. The rig was moved ca 20 m eastwards and re-spudded on 13 May. The well was drilled to 1035 m in Pliocene sediments (Naust Formation) where the 20" casing was run and cemented. While pulling out of the hole with the running string, the cement stinger unscrewed and fell into the casing. Fishing was again unsuccessful and the decision was made to plug and abandon. The well was drilled with seawater and gel all through.

Only MWD logs are available from the well. No cores were cut and no wire line fluid samples taken.

The well was permanently abandoned on 7 June 1987 as a junk well. Replacement well 6507/7-8 was spudded two days later.

Testing

No drill stem test was performed

Litostratigrafi

Topp Dyb [mMD RKB]	Litostrat. enhet
360	NORDLAND GP
360	NAUST FM

Spleisede logger

Dokument navn	Dokument format	Dokument størrelse [KB]
1056	pdf	0.06

Dokumenter - eldre Sokkeldirektoratets WDSS rapporter og andre relaterte dokumenter

Dokument navn	Dokument format	Dokument størrelse [KB]
1056_01_WDSS_General_Information	pdf	0.22

Dokumenter - rapportert av utvinningstillatelsen (frigitt ihht til regelverk)

Dokument navn	Dokument format	Dokument størrelse [KB]
1056_6507_7_7_COMPLETION_REPORT_AND_LOG	pdf	6.70

Logger

Type logg	Topp dyp for logg [m]	Bunn dyp for logg [m]
MWD - GR RES DIR	460	1031

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	458.0	36	525.0	1.02	LOT
SURF.COND.	20	1022.0	26	1035.0	0.00	LOT

Boreslam

Dybde MD [m]	Egenvekt, slam [g/cm3]	Viskositet, slam [mPa.s]	Flytegrense [Pa]	Type slam	Dato, måling
388	1.02			WATER BASED	
455	1.04			WATER BASED	
461	1.04			WATER BASED	
463	1.04			WATER BASED	
525	1.04			WATER BASED	
975	1.04			WATER BASED	
1034	1.04			WATER BASED	
1035	1.04			WATER BASED	