

**General information**

Wellbore name	6507/7-7
Type	EXPLORATION
Purpose	APPRAISAL
Status	JUNKED
Factmaps in new window	link to map
Main area	NORWEGIAN SEA
Field	HEIDRUN
Discovery	6507/7-2 Heidrun
Well name	6507/7-7
Seismic location	CN 8502 - 482 SP. 570
Production licence	095
Drilling operator	Conoco Norway Inc.
Drill permit	546-L
Drilling facility	TREASURE HUNTER
Drilling days	28
Entered date	11.05.1987
Completed date	07.06.1987
Release date	07.06.1989
Publication date	15.12.2006
Purpose - planned	APPRAISAL
Reentry	NO
Content	NOT APPLICABLE
Discovery wellbore	NO
Kelly bushing elevation [m]	25.0
Water depth [m]	335.0
Total depth (MD) [m RKB]	1035.0
Final vertical depth (TVD) [m RKB]	1027.0
Maximum inclination [°]	4.8
Oldest penetrated age	PLIOCENE
Oldest penetrated formation	NAUST FM
Geodetic datum	ED50
NS degrees	65° 17' 52.25" N
EW degrees	7° 18' 50.65" E
NS UTM [m]	7242882.38
EW UTM [m]	421386.83
UTM zone	32
NPDID wellbore	1056



Wellbore history

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

Lithostratigraphy

Top depth [mMD RKB]	Lithostrat. unit
360	NORDLAND GP
360	NAUST FM

Composite logs

Document name	Document format	Document size [MB]
1056	pdf	0.06

Documents - older Norwegian Offshore Directorate WDSS reports and other related documents





Document name	Document format	Document size [MB]
1056 01 WDSS General Information	pdf	0.22

Documents - reported by the production licence (period for duty of secrecy expired)

Document name	Document format	Document size [MB]
1056 6507 7 7 COMPLETION REPORT AND LOG	pdf	6.70

Logs

Log type	Log top depth [m]	Log bottom depth [m]
MWD - GR RES DIR	460	1031

Casing and leak-off tests

Casing type	Casing diam. [inch]	Casing depth [m]	Hole diam. [inch]	Hole depth [m]	LOT/FIT mud eqv. [g/cm3]	Formation test type
CONDUCTOR	30	458.0	36	525.0	1.02	LOT
SURF.COND.	20	1022.0	26	1035.0	0.00	LOT

Drilling mud

Depth MD [m]	Mud weight [g/cm3]	Visc. [mPa.s]	Yield point [Pa]	Mud type	Date measured
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	

