

**General information**

Wellbore name	30/7-4
Type	EXPLORATION
Purpose	WILDCAT
Status	JUNKED
Factmaps in new window	link to map
Main area	NORTH SEA
Well name	30/7-4
Seismic location	
Production licence	040
Drilling operator	Norsk Hydro Produksjon AS
Drill permit	170-L
Drilling facility	POLYGLOMAR DRILLER
Drilling days	12
Entered date	25.01.1977
Completed date	05.02.1977
Release date	05.02.1979
Publication date	20.04.2010
Purpose - planned	WILDCAT
Reentry	NO
Content	NOT APPLICABLE
Discovery wellbore	NO
Kelly bushing elevation [m]	25.0
Water depth [m]	117.0
Total depth (MD) [m RKB]	778.0
Oldest penetrated age	MIOCENE
Oldest penetrated formation	NORDLAND GP
Geodetic datum	ED50
NS degrees	60° 29' 29.72" N
EW degrees	2° 3' 24.32" E
NS UTM [m]	6706689.55
EW UTM [m]	448169.11
UTM zone	31
NPDID wellbore	387

Wellbore history

**General**

Well 30/7-4 is located in the eastern part of the East Shetland Basin in the North Sea. The well location is due west of the Oseberg Field and ca 2.5 km from the UK Border. The main objective of the well was to test Middle and Early Jurassic sandstones (Brent Group and Statfjord Formation) Secondary objectives were possible lower Cretaceous carbonate development, and possible Late Jurassic sandstones.

Operations and results

Well 30/7-4 was spudded with the semi-submersible installation Polyglomar Drilling on 25 January 1977. A 17 1/2" pilot hole was drilled to 192 m. The operation had to be suspended for two days due to bad weather. When the operation was continued, the 17 1/2" pilot hole could not be found and a new 36" hole was drilled. The 30" casing was set and cemented at 193 m. The weather conditions made it necessary to set piggy backs on five anchors. A 17 1/2" hole was drilled to 778 m in assumed Miocene sediments. This was the planned setting depth for the 20" casing. While reaming out the 17 1/2" hole to 26" prior to running 20" casing, the drill string parted. An overshot was worked over the fish but attempts to pull the fish were unsuccessful. The string was backed off at 538 m in the x-over above the overshot and the hole was given up. The well was drilled with seawater and gel.

No cores were cut, no logs were run, and no wire line fluid samples were taken.

The well was permanently abandoned on 5 February as a junk well and the rig was prepared for spudding replacement well 30/7-5.

Testing

No drill stem test was performed.

Cuttings at the Norwegian Offshore Directorate

Cutting sample, top depth [m]	Cutting samples, bottom depth [m]
200.00	770.00

Cuttings available for sampling?	YES
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Lithostratigraphy

Top depth [mMD RKB]	Lithostrat. unit
141	NORDLAND GP

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





Document name	Document format	Document size [MB]
387_01_WDSS_General_Information	pdf	0.23

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

Document name	Document format	Document size [MB]
387_01_30_7_4_Completion_log	pdf	0.58
387_01_30_7_4_Completion_Report	pdf	2.99
387_01_30_7_4_Drilling_Program	pdf	5.89
387_01_30_7_4_Mud_Log	pdf	4.83
387_01_30_7_4_Mud_Log_2	pdf	3.13
387_01_30_7_4_Well_Summary	pdf	0.07

Logs

Log type	Log top depth [m]	Log bottom depth [m]
GR SON	193	779

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	193.0	36	193.0	0.00	LOT
OPEN HOLE		305.0	26	305.0	0.00	LOT
OPEN HOLE		778.0	17 1/2	778.0	0.00	LOT

Drilling mud

Depth MD [m]	Mud weight [g/cm3]	Visc. [mPa.s]	Yield point [Pa]	Mud type	Date measured
193	1.07	51.0		seawater	
310	1.04	33.0		waterbased	
772	1.07	40.0		waterbased	
778	1.07	50.0		waterbased	

