

**General information**

Wellbore name	30/7-1
Type	EXPLORATION
Purpose	WILDCAT
Status	JUNKED
Factmaps in new window	<a href="#">link to map</a>
Main area	NORTH SEA
Well name	30/7-1
Seismic location	LINES 550 306/550 402
Production licence	<a href="#">040</a>
Drilling operator	Norsk Hydro Produksjon AS
Drill permit	131-L
Drilling facility	<a href="#">POLYGLOMAR DRILLER</a>
Drilling days	32
Entered date	05.07.1975
Completed date	05.08.1975
Release date	05.08.1977
Publication date	26.10.2009
Purpose - planned	WILDCAT
Reentry	NO
Content	NOT APPLICABLE
Discovery wellbore	NO
Kelly bushing elevation [m]	22.9
Water depth [m]	109.0
Total depth (MD) [m RKB]	1007.0
Maximum inclination [°]	0.75
Oldest penetrated age	MIOCENE
Oldest penetrated formation	UTSIRA FM
Geodetic datum	ED50
NS degrees	60° 29' 27.59" N
EW degrees	2° 1' 34.49" E
NS UTM [m]	6706648.06
EW UTM [m]	446491.80
UTM zone	31
NPDID wellbore	384

**Wellbore history**

**General**

Well 30/7-1 was drilled 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 3.5 km from the UK Border. The primary objective was to investigate structural closure at Eocene and Paleocene with possible sand development.

**Operations and results**

Wildcat well 30/7-1 was drilled with the semi-submersible installation Polyglomar Driller. Polyglomar Driller was accepted in Verdal on June 28, and left for its first location on June 30, 1975 at 1500 hrs. The rig was on location ready to spud on July 4, after a period of 4 days for movement to location and for anchoring. During the drilling of the 36" hole the drilling template tilted and the entire assembly had to be picked up. The rig was moved 50 ft due east and a new spudding attempt was made on July 5, 1975. Drilling then proceeded without significant problems to 1007 m, which became TD of the well. While pulling out of the hole to set the 13 3/8" casing the pipe stuck in the hole with the bit at 420 m. Numerous attempts to free the pipe were unsuccessful and it was decided to abandon the well. The well was drilled with seawater/sweeps and gel from surface to TD.

The penetrated sediments are interpreted as recent to Miocene in age.

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

During abandonment the drilling template was found to be stuck and the attempts to recover it were unsuccessful. Divers were jumped to inspect the drilling template and they reported the template had sunk 10 ft below the sea bed. Permission was obtained to fill the cavity above the base plate with cement levelling the sea floor.

The well was then permanently abandoned on 5 August 1975 as a junk well.

**Testing**

No drill stem test was performed.

**Cuttings at the Norwegian Offshore Directorate**

Cutting sample, top depth [m]	Cutting samples, bottom depth [m]
190.00	1000.00

Cuttings available for sampling?	YES
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**Lithostratigraphy**

Top depth [mMD RKB]	Lithostrat. unit
132	<a href="#">NORDLAND GP</a>
280	<a href="#">UTSIRA FM</a>

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

Document name	Document format	Document size [MB]
<a href="#">384_01_WDSS_General_Information</a>	pdf	0.23

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

Document name	Document format	Document size [MB]
<a href="#">384_01_30_7_1_Completion_Report</a>	pdf	8.89
<a href="#">384_01_30_7_1_Compl_log</a>	pdf	0.82
<a href="#">384_01_30_7_1_Drilling_program</a>	pdf	2.37
<a href="#">384_01_30_7_1_Final_Report</a>	pdf	8.89
<a href="#">384_01_30_7_1_Geological_Prognosis</a>	pdf	17.42
<a href="#">384_01_30_7_1_Litholog</a>	pdf	1.22
<a href="#">384_01_30_7_1_Mud_Log_Report</a>	pdf	4.72
<a href="#">384_01_30_7_1_Well_Summary</a>	pdf	2.65

**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	188.0	36	197.0	0.00	LOT
SURF.COND.	20	340.0	26	346.0	0.00	LOT
OPEN HOLE		1007.0	17 1/2	1007.0	0.00	LOT

**Drilling mud**

Depth MD [m]	Mud weight [g/cm3]	Visc. [mPa.s]	Yield point [Pa]	Mud type	Date measured
340	1.06	62.0	15.0	waterbased	
434	1.09	42.0		waterbased	
679	1.08	43.0		waterbased	
894	1.08	50.0		waterbased	
949	1.07	38.0		waterbased	
1007	1.14	65.0		waterbased	

