



Generell informasjon

Brønnbane navn	30/7-4
Type	EXPLORATION
Formål	WILDCAT
Status	JUNKED
Faktakart i nytt vindu	lenke til kart
Hovedområde	NORTH SEA
Brønn navn	30/7-4
Seismisk lokalisering	
Utvinningstillatelse	040
Boreoperatør	Norsk Hydro Produksjon AS
Boretillatelse	170-L
Boreinnretning	POLYGLOMAR DRILLER
Boredager	12
Borestart	25.01.1977
Boreslutt	05.02.1977
Frigitt dato	05.02.1979
Publiseringsdato	20.04.2010
Opprinnelig formål	WILDCAT
Gjenåpnet	NO
Innhold	NOT APPLICABLE
Funnbrønnbane	NO
Avstand, boredekk - midlere havflate [m]	25.0
Vanndybde ved midlere havflate [m]	117.0
Totalt målt dybde (MD) [m RKB]	778.0
Eldste penetrerte alder	MIOCENE
Eldste penetrerte formasjon	NORDLAND GP
Geodetisk datum	ED50
NS grader	60° 29' 29.72" N
ØV grader	2° 3' 24.32" E
NS UTM [m]	6706689.55
ØV UTM [m]	448169.11
UTM sone	31
NPDID for brønnbanen	387

Brønnhistorie



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.

Borekaks i Sokkeldirektoratet

Borekaksprøve, topp dybde [m]	Borekaksprøve, bunn dybde [m]
200.00	770.00

Borekaks tilgjengelig for prøvetaking?	YES
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Litostratigrafi

Topp Dyb [mMD RKB]	Litostrat. enhet
141	NORDLAND GP

Dokumenter - eldre Sokkeldirektoratets WDSS rapporter og andre relaterte dokumenter

Dokument navn	Dokument format	Dokument størrelse [KB]
387_01_WDSS_General_Information	pdf	0.23





Dokumenter - rapportert av utvinningstillatelsen (frigitt ihht til regelverk)

Dokument navn	Dokument format	Dokument størrelse [KB]
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

Logger

Type logg	Topp dyp for logg [m]	Bunn dyp for logg [m]
GR SON	193	779

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	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

Boreslam

Dybde MD [m]	Egenvekt, slam [g/cm3]	Viskositet, slam [mPa.s]	Flytegrense [Pa]	Type slam	Dato, måling
193	1.07	51.0		seawater	
310	1.04	33.0		waterbased	
772	1.07	40.0		waterbased	
778	1.07	50.0		waterbased	

