



Generell informasjon

Brønnbane navn	34/10-10
Type	EXPLORATION
Formål	WILDCAT
Status	BLOWOUT
Faktakart i nytt vindu	lenke til kart
Hovedområde	NORTH SEA
Brønn navn	34/10-10
Seismisk lokalisering	3D-224 SP 265
Utvinningstillatelse	050
Boreoperatør	Den norske stats oljeselskap a.s
Boretillatelse	257-L
Boreinnretning	NORSKALD
Boredager	7
Borestart	15.08.1980
Boreslutt	21.08.1980
Frigitt dato	21.08.1982
Publiseringsdato	26.10.2009
Opprinnelig formål	WILDCAT
Gjenåpnet	NO
Innhold	GAS SHOWS
Funnbrønnbane	NO
Avstand, boredekk - midlere havflate [m]	25.0
Vanndybde ved midlere havflate [m]	154.0
Totalt målt dybde (MD) [m RKB]	816.0
Totalt vertikalt dybde (TVD) [m RKB]	816.0
Temperatur ved bunn av brønnbanen [°C]	49
Eldste penetrerte alder	MIOCENE
Eldste penetrerte formasjon	NORDLAND GP
Geodetisk datum	ED50
NS grader	61° 10' 27.95" N
ØV grader	2° 14' 43.12" E
NS UTM [m]	6782611.87
ØV UTM [m]	459404.63
UTM sone	31
NPDID for brønnbanen	430



Brønnhistorie

General

Well 34/10-10 was drilled on the Delta structure situated in the Gullfaks Vest area in the north-eastern part of block 34/10. The primary objective was to test sandstones of Middle Jurassic age. Secondary objectives were sandstones of Early Jurassic and Late Triassic age. The well was planned to be drilled into Triassic to a total depth of 2265 m.

Operations and results

On 10 July 1980 at 2330 hrs the semi-submersible installation Norskald was transferred from well 15/9-6 to well 34/10-10. After the rig had been anchored up on the 34/10-10 location a strike broke out among the drilling crew. Due to the strike the operation was one month delayed and the well was not spudded until 15 August at 1930 hrs. The 36" hole was drilled to 229 m with a 26" bit and a 36" hole opener without temporary guide-base. Seawater was used with returns to the sea floor. The hole was slugged with high viscosity mud prior to each connection. The riser was run and the diverter system installed. From 229 to 816 m in the Nordland Group (Miocene age) the well was drilled first as a 17 1/2" pilot hole and logged, then with a 26" hole opener. When disconnecting the marine riser on 21 August, the well started to flow. The rig was quickly moved off location and out of danger from the gas flow.

The well flowed for approximately one and a half hours the morning of the blowout and again for two and a half hours the same evening. Periodic subsea observations over the next days, showed continued flow from the wellhead at a greatly reduced rate with only one brief surface indication of flow. Post-well analysis of the incident concluded that the gas came from shallow sand at 427 - 432 m.

On 19 September the well was re-entered (34/10-10 R) with the semi-submersible installation Borgny Dolphin and permanently plugged. No hydrocarbons other than the shallow gas are reported from the well.

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

Borgny Dolphin pulled anchors on 4 October 1980 and the well was permanently abandoned as a junk well.

Testing

No drill stem test was performed.

Borekaks i Sokkeldirektoratet

Borekaksprøve, topp dybde [m]	Borekaksprøve, bunn dybde [m]
230.00	810.00

Borekaks tilgjengelig for prøvetaking?	YES
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Litostratigrafi

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

Dokumenter - eldre Sokkeldirektoratets WDSS rapporter og andre relaterte dokumenter

Dokument navn	Dokument format	Dokument størrelse [KB]
430_01_WDSS_General_Information	pdf	0.11
430_02_WDSS_completion_log	pdf	0.08

Dokumenter - rapportert av utvinningstillatelsen (frigitt ihht til regelverk)

Dokument navn	Dokument format	Dokument størrelse [KB]
430_01_34_10_10_Completion_Log	pdf	0.49
430_01_34_10_10_Completion_report	pdf	4.22

Logger

Type logg	Topp dyp for logg [m]	Bunn dyp for logg [m]
ISF SI&ONIC GR SP	179	810

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	203.0	36	203.0	0.00	LOT
OPEN HOLE		791.0	17 1/2	791.0	0.00	LOT

Boreslam

Dybde MD [m]	Egenvekt, slam [g/cm3]	Viskositet, slam [mPa.s]	Flytegrense [Pa]	Type slam	Dato, måling
263	1.05	60.0		waterbased	
338	1.07	75.0		waterbased	
543	1.07	42.0		waterbased	





665	1.03	43.0		waterbased	
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