



Generell informasjon

Brønnbane navn	34/10-20
Type	EXPLORATION
Formål	WILDCAT
Status	JUNKED
Faktakart i nytt vindu	lenke til kart
Hovedområde	NORTH SEA
Brønn navn	34/10-20
Seismisk lokalisering	ST 8313 - 410 SP 220
Utvinningstillatelse	050
Boreoperatør	Den norske stats oljeselskap a.s
Boretillatelse	399-L
Boreinnretning	ROSS ISLE
Boredager	123
Borestart	23.12.1983
Boreslutt	23.04.1984
Frigitt dato	23.04.1986
Publiseringsdato	09.12.2014
Opprinnelig formål	WILDCAT
Gjenåpnet	NO
Innhold	DRY
Funnbrønnbane	NO
Avstand, boredekk - midlere havflate [m]	22.0
Vanndybde ved midlere havflate [m]	135.0
Totalt målt dybde (MD) [m RKB]	3747.0
Totalt vertikalt dybde (TVD) [m RKB]	3743.0
Maks inklinasjon [°]	4.3
Temperatur ved bunn av brønnbanen [°C]	115
Eldste penetrerte alder	EARLY CRETACEOUS
Eldste penetrerte formasjon	CROMER KNOLL GP
Geodetisk datum	ED50
NS grader	61° 1' 20.39" N
ØV grader	2° 17' 45.74" E
NS UTM [m]	6765639.55
ØV UTM [m]	461951.00
UTM sone	31
NPDID for brønnbanen	212



Brønnhistorie

General

Well 34/10-20 was the first well drilled on the Gamma structure south of Gullfaks Sør in the northern North Sea. The primary objective was the Middle Jurassic Brent Group. Secondary objectives were Early Cretaceous sandstones, the Cook Formation and the Statfjord Group.

Operations and results

Wildcat well 34/10-20 was spudded with the semi-submersible installation Ross Isle on 23 December 1983 and drilled to TD at 3747 m in the Early Cretaceous Cromer Knoll Group. The well was plugged back and abandoned without reaching the targets. Engineering difficulties associated with high fluid pressure and low formation integrity was the reason why the well had to be abandoned. It was drilled with gel/seawater down to 1053 m, with KCl/polymer mud from 1053 m to 2990 m, and with lignosulphonate mud from 2990 m to TD.

The well was dry. Zones with weak shows, mostly on claystone cuttings, were recorded from 1860 m to 2050 m in the Rogaland Group.

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

The well was permanently abandoned on 23 April 1984 as a junk well.

Testing

No drill stem test was performed.

Borekaks i Sokkeldirektoratet

Borekaksprøve, topp dybde [m]	Borekaksprøve, bunn dybde [m]
230.00	3745.00

Borekaks tilgjengelig for prøvetaking?	YES
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Litostratigrafi

Topp Dyb [mMD RKB]	Litostrat. enhet
157	NORDLAND GP
904	UTSIRA FM
988	HORDALAND GP
1868	ROGALAND GP
1868	BALDER FM
1903	SELE FM



1990	LISTA FM
2127	SHETLAND GP
2127	JORSALFARE FM
2408	KYRRE FM
3045	TRYGGVASON FM
3477	SVARTE FM
3650	CROMER KNOLL GP

Dokumenter - eldre Sökkeldirektoratets WDSS rapporter og andre relaterte dokumenter

Dokument navn	Dokument format	Dokument størrelse [KB]
212_01_WDSS_General_Information	pdf	0.13
212_02_WDSS_completion_log	pdf	0.30

Dokumenter - rapportert av utvinningstillatelsen (frigitt ihht til regelverk)

Dokument navn	Dokument format	Dokument størrelse [KB]
212_34_10_20_Completion_log	pdf	2.45
212_34_10_20_Completion_Report	pdf	56.07
212_34_10_20_Stratigraphical_Paleontological_Final_Report	pdf	7.49

Logger

Type logg	Topp dyp for logg [m]	Bunn dyp for logg [m]
BGT GR	1026	2721
BHC GR	3663	3699
CBL VDL GR	156	3656
DLWD	1026	3747
ISF LSS MSFL GR	1026	3743
LDL CNL GR	1026	3744
MWD	134	1026
VSP	165	3746

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	218.0	36	219.0	0.00	LOT
SURF.COND.	20	1026.0	26	1039.0	1.51	LOT
INTERM.	13 3/8	2658.0	17 1/2	2720.0	1.85	LOT
INTERM.	9 5/8	3532.0	12 1/4	3607.0	2.04	LOT
LINER	7	3660.0	8 1/2	3665.0	2.15	LOT
OPEN HOLE		3746.0	6	3746.0	0.00	LOT

Boreslam

Dybde MD [m]	Egenvekt, slam [g/cm3]	Viskositet, slam [mPa.s]	Flytegrense [Pa]	Type slam	Dato, måling
221	1.06			WATER BASED	
615	1.08			WATER BASED	
1058	1.12			WATER BASED	
1400	1.13			WATER BASED	
2025	1.30			WATER BASED	
2288	1.32			WATER BASED	
2551	1.32			WATER BASED	
2643	1.35			WATER BASED	
2720	1.45			WATER BASED	
2735	1.60			WATER BASED	
3113	1.65			WATER BASED	
3252	1.70			WATER BASED	
3553	1.75			WATER BASED	
3601	1.81			WATER BASED	
3610	1.90			WATER BASED	
3639	1.97			WATER BASED	
3693	2.02			WATER BASED	
3726	2.04			WATER BASED	