



Generell informasjon

Brønnbane navn	34/10-45 S
Type	EXPLORATION
Formål	WILDCAT
Status	RE-CLASS TO DEV
Pressemelding	lenke til pressemelding
Faktakart i nytt vindu	lenke til kart
Hovedområde	NORTH SEA
Felt	GULLFAKS
Funn	34/10-45 S
Brønn navn	34/10-45
Seismisk lokalisering	
Utvinningstillatelse	050
Boreoperatør	Statoil ASA (old)
Boretillatelse	1027-L
Boreinnretning	GULLFAKS B
Boredager	67
Borestart	03.11.2001
Boreslutt	08.01.2002
Plugget dato	08.01.2002
Frigitt dato	08.01.2004
Publiseringsdato	03.05.2004
Opprinnelig formål	WILDCAT
Reklassifisert til brønnbane	34/10-B-42 A
Gjenåpnet	NO
Innhold	GAS/CONDENSATE
Funnbrønnbane	YES
1. nivå med hydrokarboner, alder	LATE CRETACEOUS
1. nivå med hydrokarboner, formasjon.	NO FORMAL NAME
Avstand, boredekk - midlere havflate [m]	81.0
Vanndybde ved midlere havflate [m]	142.5
Totalt målt dybde (MD) [m RKB]	7594.0
Totalt vertikalt dybde (TVD) [m RKB]	2317.0
Eldste penetrerte alder	LATE JURASSIC
Eldste penetrerte formasjon	HEATHER FM
Geodetisk datum	ED50
NS grader	61° 12' 9.93" N



ØV grader	2° 12' 5.93" E
NS UTM [m]	6785795.10
ØV UTM [m]	457094.51
UTM sone	31
NPDID for brønnbanen	4450

Brønnhistorie

General

Well 34/10-45 S is situated in the Gullfaks area. The primary objectives for the well were to explore a prospect in the Draupne Formation in the western part of fault segment D3 and to be an oil producer from the Tarbert Formation in segment D3 (Gullfaks Vest).

Operations

Wildcat well 34/10-45 S was spudded 3 November 2001 and drilled as a sidetrack of development well 34/10-B-42 from the permanent installation Gullfaks B. The well was drilled to TD at 7594 m (2317,5 m TVD RKB) in the Middle to Late Jurassic Heather Formation. The well 34/10-45 S was drilled from the kick-off point at 2945 m (1726 m TVD RKB) to TD with "Versavert" OBM.

At 6130 m (2080 m TVD RKB) a gas-condensate filled sandstone was encountered. Biostratigraphic dating showed, however, that the sandstones were of Campanian age and not Upper Jurassic age as expected prior to drilling. Subsequently the sandstones are interpreted as Krans Member. The well probably drilled out of the ceiling of the sandstone after some 200 m in westerly direction. The true lateral extension of the sandstone could therefore not be verified. A minor hydrocarbon-filled Cretaceous sandstone-interval was encountered from 7015 m to 7035 m before the well path was dropped after penetrating Base Cretaceous and the Draupne Formation.

The reported reservoir pressures in well bore 34/10-45 S are prognosed initial pressures, as no pressure measurements were performed.

No fluid samples were collected and no coring was performed in the well. Technical problems lead to drilling of a new sidetrack, 34/10-45 A.

Well 34/10-45 S was plugged 08 January 2002 as a gas/condensate discovery.

Testing

No drill stem test was performed

Litostratigrafi

Topp Dyb [mMD RKB]	Litostrat. enhet
223	NORDLAND GP
1910	HORDALAND GP
2394	ROGALAND GP
2394	BALDER FM



2757	LISTA FM
3664	SHETLAND GP
6130	NO FORMAL NAME
7015	NO FORMAL NAME
7035	SHETLAND GP
7486	VIKING GP
7486	DRAUPNE FM
7496	HEATHER FM

Dokumenter - rapportert av utvinningstillatelsen (frigitt ihht til regelverk)

Dokument navn	Dokument format	Dokument størrelse [KB]
4450_34_10_45_S_COMPLETION_REPORT	.PDF	45.00

Logger

Type logg	Topp dyp for logg [m]	Bunn dyp for logg [m]
MWD LWD - DIR TOOL	360	1303
MWD LWD - GR	1303	2922
MWD LWD - GR RES	2922	4063
MWD LWD - GR RES	2945	6281
MWD LWD - GR RES DEN NEU	5660	7594

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	20	360.0	24	360.0	0.00	LOT
INTERM.	13 3/8	1303.0	17 1/2	1303.0	0.00	LOT
INTERM.	9 5/8	2922.0	12 1/4	2922.0	0.00	LOT
LINER	7	7594.0	8 1/2	7594.0	0.00	LOT

Boreslam

Dybde MD [m]	Egenvekt, slam [g/cm3]	Viskositet, slam [mPa.s]	Flytegrense [Pa]	Type slam	Dato, måling
3224	1.60	33.0		VERSAVERT	





Faktasider

Brønnbane / Leting

Utskriftstidspunkt: 16.5.2024 - 23:49

3737	1.60	37.0		VERSAVERT	
4228	1.60	30.0		VERSAVERT	
5400	1.60	41.0		VERSAVERT	
5405	1.60	42.0		VERSAVERT	
5421	1.60	45.0		VERSAVERT	
5655	1.60	46.0		VERSAVERT	
5674	1.60	45.0		VERSAVERT	
5707	1.60	44.0		VERSAVERT	
5761	1.60	43.0		VERSAVERT	
5790	1.60	43.0		VERSAVERT	
6281	1.60	39.0		VERSAVERT	
6411	1.60	37.0		VERSAVERT	
6435	1.60	37.0		VERSAVERT	
6435	1.60	37.0		VERSAVERT	
6440	1.60	38.0		VERSAVERT	
6730	1.60	37.0		VERSAVERT	
7034	1.60	46.0		VERSAVERT	
7315	1.60	38.0		VERSAVERT	
7594	1.60	44.0		VERSAVERT	