



Generell informasjon





Faktasider

Brønnbane / Leting

Utskriftstidspunkt: 10.5.2024 - 05:08

Brønnbane navn	30/9-17
Type	EXPLORATION
Formål	WILDCAT
Status	SUSPENDED
Faktakart i nytt vindu	lenke til kart
Hovedområde	NORTH SEA
Brønn navn	30/9-17
Seismisk lokalisering	NH 8502 R INLINE 239 & CROSSLINE 1033
Utvinningstillatelse	104
Boreoperatør	Norsk Hydro Produksjon AS
Boretillatelse	806-L
Boreinnretning	TREASURE SAGA
Boredager	12
Borestart	03.03.1995
Boreslutt	14.03.1995
Frigitt dato	14.03.1997
Publiseringsdato	19.12.2007
Opprinnelig formål	WILDCAT
Gjenåpnet	NO
Innhold	NOT APPLICABLE
Funnbrønnbane	NO
Avstand, boredekk - midlere havflate [m]	26.0
Vanndybde ved midlere havflate [m]	107.0
Totalt målt dybde (MD) [m RKB]	1408.0
Totalt vertikalt dybde (TVD) [m RKB]	1408.0
Maks inklinasjon [°]	2.5
Temperatur ved bunn av brønnbanen [°C]	58
Eldste penetrerte alder	OLIGOCENE
Eldste penetrerte formasjon	HORDALAND GP
Geodetisk datum	ED50
NS grader	60° 17' 39.08" N
ØV grader	2° 49' 19.44" E
NS UTM [m]	6684345.26
ØV UTM [m]	490163.05
UTM sone	31
NPDID for brønnbanen	2355



Brønnhistorie

General

Well 30/9-17 is located on the Bjørgvin Arch south of the Oseberg Sør Field and North of the 30/9-16 K Oseberg Sør Discovery. This is in the Northern North Sea. The well was drilled to clarify the Oseberg Sør development strategy. The primary objective was to establish the extent of the high-permeability Tarbert reservoir found in well 30/9-16. Secondary objectives were to test the lower Brent Group, the Cook Formation, and the Statfjord Formation.

Operations and results

Well 30/9-17 was spudded with the semi-submersible installation Treasure Saga on 3 March 1995 and drilled to 1408 m where the well was temporarily plugged back. This was due to gas and mud flow from the annulus behind 9 5/8" casing. All returns were to sea bed. The well was drilled with spud mud from top to TD.

The conventional logs run did not give conclusive information regarding the origin of the shallow gas. A CBL-log was run, and two zones (832 - 831 m, 550 - 549 m) were selected for perforation and cementing in order to kill the well. The well was killed only after cement had been squeezed into the upper perforation interval. Hence, the origin of the shallow gas was suspected to be the Utsira Formation sand or in thinner sand beds just above the Utsira Formation. No cores were cut and no wire line fluid samples were taken in the well.

The well was suspended on 13 March 1995. The well did not reach its target, and replacement well 30/9-18 was spudded the day after ca 50 m to the east-southeast.

Testing

No drill stem test was performed.

Litostratigrafi

Topp Dyb [mMD RKB]	Litostrat. enhet
133	NORDLAND GP
673	UTSIRA FM
733	UNDIFFERENTIATED
812	HORDALAND GP
944	SKADE FM
964	UNDIFFERENTIATED
1076	NO FORMAL NAME
1139	UNDIFFERENTIATED
1236	NO FORMAL NAME
1374	UNDIFFERENTIATED



Dokumenter - rapportert av utvinningstillatelsen (frigitt ihht til regelverk)

Dokument navn	Dokument format	Dokument størrelse [KB]
2355_30_9_17_COMPLETION_REPORT_AND_LOG	pdf	6.49

Logger

Type logg	Topp dyp for logg [m]	Bunn dyp for logg [m]
DLL MSFL LSS LDL GR SP AMS	193	1402
MWD RGD - GR RES DIR	133	1408
USIT CBL VDL CCL GR AMS	130	1365

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
SURF.COND.	9 5/8	1399.0	12 1/2	1408.0	0.00	LOT

Boreslam

Dybde MD [m]	Egenvekt, slam [g/cm3]	Viskositet, slam [mPa.s]	Flytegrense [Pa]	Type slam	Dato, måling
194	1.05			WATER BASED	06.03.1995
202	1.30	22.0	12.0	WATER BASED	14.03.1995
316	1.05			WATER BASED	06.03.1995
1408	1.05			WATER BASED	06.03.1995
1408	1.30			WATER BASED	14.03.1995
1408	1.30			WATER BASED	14.03.1995
1408	1.30	22.0	11.0	WATER BASED	14.03.1995
1408	1.30	22.0	11.0	WATER BASED	14.03.1995
1408	1.05			WATER BASED	07.03.1995
1408	1.30			WATER BASED	08.03.1995

