



Generell informasjon

Brønnbane navn	33/9-19 A
Type	EXPLORATION
Formål	APPRAISAL
Status	P&A
Faktakart i nytt vindu	lenke til kart
Hovedområde	NORTH SEA
Felt	SYGNA
Funn	33/9-19 S Sygna
Brønn navn	33/9-19
Seismisk lokalisering	E 86 REPR. 93 INLINE 620 & CROSSL. 990
Utvinningstillatelse	037
Boreoperatør	Den norske stats oljeselskap a.s
Boretillatelse	857-L
Boreinnretning	TRANS. WILDCAT
Boredager	18
Borestart	23.07.1996
Boreslutt	09.08.1996
Frigitt dato	09.08.1998
Publiseringsdato	01.07.2004
Opprinnelig formål	APPRAISAL
Gjenåpnet	NO
Innhold	OIL
Funnbrønnbane	NO
1. nivå med hydrokarboner, alder	MIDDLE JURASSIC
1. nivå med hydrokarboner, formasjon.	ETIVE FM
2. nivå med hydrokarboner, alder	MIDDLE JURASSIC
2. nivå med hydrokarboner, formasjon	RANNOCH FM
Avstand, boredekk - midlere havflate [m]	25.0
Vanndybde ved midlere havflate [m]	304.0
Totalt målt dybde (MD) [m RKB]	3514.0
Totalt vertikalt dybde (TVD) [m RKB]	3057.0
Eldste penetrerte alder	EARLY JURASSIC
Eldste penetrerte formasjon	AMUNDSEN FM
Geodetisk datum	ED50
NS grader	61° 28' 33.56" N



ØV grader	1° 59' 50.6" E
NS UTM [m]	6816380.31
ØV UTM [m]	446585.05
UTM sone	31
NPDID for brønnbanen	2872

Brønnhistorie

General

Well 33/9-19 A is situated in the Tampen Spur area. The well 33/9-19 A was drilled to the Statfjord Nord Nordøst Segment (SFNNIS) of the Statfjord Field. This segment lies at the north-eastern extension of the Statfjord North Field structure in both blocks 33/9 and 34/17. The primary objective for the well 33/9-19 A was to identify the level of oil-water contact or a deep "oil-down-to-situation" within the Nord Nordøst Segment. The secondary objective was to test the SFNNIS Brent prospect on the north-western side of the Nordøst Segment main fault.

Operations and results

The well 33/9-19A was spudded on the 23 of July 1996, using the semi-submersible installation "Transocean Wildcat". The well 33/9-19 A was sidetracked from well 33/9-19 S in a north- north-western direction. Well 33/9-19 A was drilled from kick off at 2000 m to TD in the Lower Jurassic Dunlin Group at 3514 m (3057.1 m TVD RKB). The section from 2000 - 3514 m (1999.9 - 3057.0 m TVD RKB) was drilled in one bit run with Ancovert Oil based mud.

Repeated overpull and short stuck events made the logging-run operations difficult. Reservoir characteristics were similar to the Statfjord Nord Field. The oil-water contact was in the Rannoch Formation at approximately 2942 m (2735 m TVD RKB). The Brent Group sands were not encountered northwest of the main fault. TD was at 3514 m (3032 m TVD RKB) in the Dunlin Group. No fluid samples were collected and no coring was performed in the well.

The well was permanently plugged and abandoned as an oil appraisal well on 9 August 1996.

Testing

No drill stem test was performed

Palynologiske preparater i Sjøkeldirektoratet

Prøve dybde	Dybde enhet	Prøve type	Laboratorie
2800.0	[m]	DC	UOS
2810.0	[m]	DC	UOS
2820.0	[m]	DC	UOS
2830.0	[m]	DC	UOS
2837.0	[m]	DC	UOS
2840.0	[m]	DC	UOS



Faktasider

Brønnbane / Leting

Utskriftstidspunkt: 16.5.2024 - 04:26

2846.0	[m]	DC	UOS
2852.0	[m]	DC	UOS
2858.0	[m]	DC	UOS
2861.0	[m]	DC	UOS
2867.0	[m]	DC	UOS
2870.0	[m]	DC	UOS
2876.0	[m]	DC	UOS
2885.0	[m]	DC	UOS
2894.0	[m]	DC	UOS
2903.0	[m]	DC	UOS
2912.0	[m]	DC	UOS
2921.0	[m]	DC	UOS
2930.0	[m]	DC	UOS
2951.0	[m]	DC	UOS
2960.0	[m]	DC	UOS
2969.0	[m]	DC	UOS
2978.0	[m]	DC	UOS
2987.0	[m]	DC	UOS
2996.0	[m]	DC	UOS
3005.0	[m]	DC	UOS
3014.0	[m]	DC	UOS
3023.0	[m]	DC	UOS
3032.0	[m]	DC	UOS
3041.0	[m]	DC	UOS
3050.0	[m]	DC	UOS
3059.0	[m]	DC	UOS
3068.0	[m]	DC	UOS
3076.0	[m]	DC	UOS
3085.0	[m]	DC	UOS
3095.0	[m]	DC	UOS
3104.0	[m]	DC	UOS
3113.0	[m]	DC	UOS
3122.0	[m]	DC	UOS
3131.0	[m]	DC	UOS
3140.0	[m]	DC	UOS
3149.0	[m]	DC	UOS
3158.0	[m]	DC	UOS
3167.0	[m]	DC	UOS
3176.0	[m]	DC	UOS
3185.0	[m]	DC	UOS



3194.0 [m]	DC	UOS
3203.0 [m]	DC	UOS
3212.0 [m]	DC	UOS
3221.0 [m]	DC	UOS
3230.0 [m]	DC	UOS
3239.0 [m]	DC	UOS
3248.0 [m]	DC	UOS
3257.0 [m]	DC	UOS
3266.0 [m]	DC	UOS
3275.0 [m]	DC	UOS
3284.0 [m]	DC	UOS
3293.0 [m]	DC	UOS
3302.0 [m]	DC	UOS
3311.0 [m]	DC	UOS
3320.0 [m]	DC	UOS
3329.0 [m]	DC	UOS
3338.0 [m]	DC	UOS
3347.0 [m]	DC	UOS
3356.0 [m]	DC	UOS
3365.0 [m]	DC	UOS
3374.0 [m]	DC	UOS
3383.0 [m]	DC	UOS
3392.0 [m]	DC	UOS
3401.0 [m]	DC	UOS
3410.0 [m]	DC	UOS
3419.0 [m]	DC	UOS
3428.0 [m]	DC	UOS
3437.0 [m]	DC	UOS
3446.0 [m]	DC	UOS
3455.0 [m]	DC	UOS
3464.0 [m]	DC	UOS
3473.0 [m]	DC	UOS
3482.0 [m]	DC	UOS
3491.0 [m]	DC	UOS
3500.0 [m]	DC	UOS

Litostratigrafi



Topp Dyb [mMD RKB]	Litostrat. enhet
328	NORDLAND GP
960	UTSIRA FM
1131	HORDALAND GP
1681	ROGALAND GP
1681	BALDER FM
1714	LISTA FM
1869	SHETLAND GP
1869	JORSALFARE FM
2219	KYRRE FM
2825	CROMER KNOLL GP
2825	MIME FM
2840	BRENT GP
2840	ETIVE FM
2939	RANNOCH FM
3070	DUNLIN GP
3070	DRAKE FM
3171	COOK FM
3194	BURTON FM
3283	AMUNDSEN FM
3319	DRAKE FM

Spleisede logger

Dokument navn	Dokument format	Dokument størrelse [KB]
2872	pdf	0.16

Dokumenter - rapportert av utvinningstillatelsen (frigitt ihht til regelverk)

Dokument navn	Dokument format	Dokument størrelse [KB]
2872 33 9 19 A COMPLETION REPORT AND COMPLETION LOG	pdf	14.70

Logger





Type logg	Topp dyp for logg [m]	Bunn dyp for logg [m]
DIL BHC GR AMS	1951	3160
LDL CNL GR AMS	1951	3144
MWD - DPR II	1952	3514

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
OPEN HOLE		3514.0	8 1/2	3514.0	0.00	LOT

Boreslam

Dybde MD [m]	Egenvekt, slam [g/cm3]	Viskositet, slam [mPa.s]	Flytegrense [Pa]	Type slam	Dato, måling
2314	1.62	45.0		ANCO VERT	
2789	1.62	35.0		ANCO VERT	
2838	1.68	47.0		ANCO VERT	
2925	1.62	40.0		ANCO VERT	
3514	1.63	42.0		ANCO VERT	