



Generell informasjon





Faktasider

Brønnbane / Leting

Utskriftstidspunkt: 10.5.2024 - 04:25

Brønnbane navn	35/9-4 S
Type	EXPLORATION
Formål	APPRAISAL
Status	JUNKED
Faktakart i nytt vindu	lenke til kart
Hovedområde	NORTH SEA
Felt	GJØA
Funn	35/9-2
Brønn navn	35/9-4
Seismisk lokalisering	NH 9301-inline 1156 & x-line 1642
Utvinningstillatelse	153
Boreoperatør	Norsk Hydro Produksjon AS
Boretillatelse	930-L
Boreinnretning	TRANSOCEAN LEADER
Boredager	31
Borestart	13.07.1998
Boreslutt	12.08.1998
Plugget og forlatt dato	12.08.1998
Frigitt dato	12.08.2000
Publiseringsdato	15.12.2006
Opprinnelig formål	APPRAISAL
Gjenåpnet	NO
Innhold	NOT APPLICABLE
Funnbrønnbane	NO
Avstand, boredekk - midlere havflate [m]	23.5
Vanndybde ved midlere havflate [m]	364.0
Totalt målt dybde (MD) [m RKB]	1261.0
Totalt vertikalt dybde (TVD) [m RKB]	1261.0
Eldste penetrerte alder	PALEOCENE
Eldste penetrerte formasjon	LISTA FM
Geodetisk datum	ED50
NS grader	61° 19' 32.5" N
ØV grader	3° 57' 55.23" E
NS UTM [m]	6799609.42
ØV UTM [m]	551677.16
UTM sone	31
NPDID for brønnbanen	3524



Brønnhistorie

General

Well 35/9-4 S was the sixth exploration well in the license and should appraise the hydrocarbon potential of the A South structure on the Gjøa Discovery. The primary target was sands of the Sognefjord and Fensfjord Formations, which were expected to be in full internal communication and with common fluid contacts.

Operations and results

Well 35/9-4 S was spudded with the semi-submersible installation Transocean Leader on 13 July 1998 and drilled to TD at 1261 m in the Paleocene Lista Formation. A 36" hole was drilled to 451 m, and the 30" conductor set at 449 m. The 17 1/2" hole section was drilled riserless to 1261 m. During running of the 13 3/8" casing, water flow was observed in the wellhead area. The casing was set at 1255.5 m, and the riser and BOP were installed. The water flow increased in magnitude and amount, and a successful killing operation was carried out. The well was drilled with seawater and hi-vis pills from top to TD.

The well objective was not fulfilled as the well was terminated due to the shallow water flow. The source of the shallow water flow was found to be a quaternary sand-rich interval between 559 m and 600 m, and with a significant contribution from an intra Lista Formation sand at 903 m. No cores were cut and no fluid samples taken in the well.

The well was permanently abandoned on 12 August 1998 as a junked well.

Testing

No drill stem test was performed

Litostratigrafi

Topp Dyb [mMD RKB]	Litostrat. enhet
388	NORDLAND GP
559	HORDALAND GP
605	ROGALAND GP
605	BALDER FM
642	SELE FM
723	LISTA FM
832	NO FORMAL NAME
843	LISTA FM
875	NO FORMAL NAME
987	LISTA FM

Dokumenter - rapportert av utvinningstillatelsen (frigitt ihht til regelverk)





Dokument navn	Dokument format	Dokument størrelse [KB]
3524 35 9 4 S COMPLETION REPORT	.pdf	28.77

Logger

Type logg	Topp dyp for logg [m]	Bunn dyp for logg [m]
CBL VDL GR	389	1254
MWD - GR RES DIR	389	1261
TDT	389	1254
TEMPERATURE	389	1261

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	449.0	36	451.0	0.00	LOT
SURF.COND.	13 3/8	1255.0	17 1/2	1261.0	0.00	LOT

Boreslam

Dybde MD [m]	Egenvekt, slam [g/cm3]	Viskositet, slam [mPa.s]	flytegrense [Pa]	Type slam	Dato, måling
445	1.60	18.0		WATER BASED	
451	1.03			WATER BASED	
460	1.60	18.0		WATER BASED	
510	2.04	16.0		WATER BASED	
1261	1.60	18.0		WATER BASED	

