



Generell informasjon

Brønnbane navn	6508/1-1 A
Type	EXPLORATION
Formål	WILDCAT
Status	P&A
Faktakart i nytt vindu	lenke til kart
Hovedområde	NORWEGIAN SEA
Brønn navn	6508/1-1
Seismisk lokalisering	ST9203- INNLIN 1313 & X-LINE 1269
Utvinningstillatelse	213
Boreoperatør	Saga Petroleum ASA
Boretillatelse	964-L
Boreinnretning	SCARABEO 5
Boredager	16
Borestart	29.08.1999
Boreslutt	13.09.1999
Frigitt dato	13.09.2001
Publiseringsdato	15.11.2001
Opprinnelig formål	WILDCAT
Gjenåpnet	NO
Innhold	DRY
Funnbrønnbane	NO
Avstand, boredekk - midlere havflate [m]	25.0
Vanndybde ved midlere havflate [m]	389.0
Totalt målt dybde (MD) [m RKB]	2861.0
Totalt vertikalt dybde (TVD) [m RKB]	2563.5
Maks inklinasjon [°]	40.7
Temperatur ved bunn av brønnbanen [°C]	86
Eldste penetrerte alder	MIDDLE JURASSIC
Eldste penetrerte formasjon	MELKE FM
Geodetisk datum	ED50
NS grader	65° 57' 57.03" N
ØV grader	8° 3' 15.03" E
NS UTM [m]	7316611.95
ØV UTM [m]	457013.94
UTM sone	32
NPDID for brønnbanen	3849



Brønnhistorie

General

Well 6508/1-1 S was drilled in between the Norne Field and the Nordland Ridge. Well 6508/1-1 A was sidetracked from below the 13 3/8" casing shoe in 6508/1-1 S. Water based mud was used in both well tracks. The main purpose of 6508/1-1 S was to test for the presence of hydrocarbons in the Middle Jurassic, Fangst Group. The secondary purposes were to test for the presence of hydrocarbons in the sandstone immediately above the Tertiary-Cretaceous boundary (Paleocene-Campanian) as well as for possible sandstones in the Cretaceous succession, in the Upper Jurassic Melke Formation, and in lower Jurassic Båt Group. The main purpose of 6508/1-1 A was to test for the presence of hydrocarbons in the Upper Jurassic Rogn Formation. The secondary objective was to test for the presence of sandstone and hydrocarbons both above and below the Tertiary-Cretaceous boundary (Paleocene-Campanian), possible sandstones in the Cretaceous succession, in the Upper Jurassic Melke Formation.

Operations and results

Well 6508/1-1 S proved that the Middle to Lower Jurassic Fangst Group and Båt Group sandstone reservoirs of the target prospect were found water bearing with no shows and very low background gas readings. No, or only traces of sand were encountered in the secondary objectives and no direct hydrocarbon shows detected. However, the gas readings indicated presence of heavier migrated hydrocarbons throughout the Lower Tertiary to Upper Jurassic section in which alkanes up to C5 were detected. No cores were cut and no fluid samples taken. The well was plugged back and well 6508/1-1 A was sidetracked at 1219 m. This well was drilled to TD at 2861 m (2563.5 m TVD RKB) in the Melke Formation. No cores were cut and no fluid samples taken. No significant hydrocarbons were found and the well was plugged and abandoned as a dry hole.

Testing

No drill stem test was performed.

Borekaks i Sokkeldirektoratet

Borekaksprøve, topp dybde [m]	Borekaksprøve, bunn dybde [m]
1230.00	2859.00

Borekaks tilgjengelig for prøvetaking?	YES
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Litostratigrafi

Topp Dyb [mMD RKB]	Litostrat. enhet
414	NORDLAND GP
414	NAUST FM
1340	KAI FM



1642	HORDALAND GP
1642	BRYGGE FM
1875	ROGALAND GP
1875	TARE FM
1947	TANG FM
2009	SHETLAND GP
2009	SPRINGAR FM
2573	VIKING GP
2573	SPEKK FM
2738	MELKE FM

Spleisede logger

Dokument navn	Dokument format	Dokument størrelse [KB]
3849	pdf	0.19

Geokjemisk informasjon

Dokument navn	Dokument format	Dokument størrelse [KB]
3849_1	pdf	1.72
3849_2	pdf	1.87
3849_3	pdf	1.85
3849_4	pdf	1.83
3849_5	pdf	1.80
3849_6	pdf	1.73

Dokumenter - rapportert av utvinningstillatelsen (frigitt ihht til regelverk)

Dokument navn	Dokument format	Dokument størrelse [KB]
3849_6508_1_1_A_COMPLETION_LOG	.pdf	1.90
3849_6508_1_1_A_COMPLETION_REPORT	.pdf	27.85

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	462.5	36	467.0	0.00	LOT
SURF.COND.	13 3/8	1204.0	17 1/2	1209.0	1.71	LOT
INTERM.	9 5/8	2581.0	12 1/4	2587.0	0.00	LOT
OPEN HOLE		2861.0	8 1/2	2861.0	0.00	LOT

Boreslam

Dybde MD [m]	Egenvekt, slam [g/cm3]	Viskositet, slam [mPa.s]	Flytegrense [Pa]	Type slam	Dato, måling
1535	1.40	32.0		kcl mud	
2352	1.40	32.0		kcl mud	
2587	1.40	31.0		kcl mud	
2735	1.40	28.0		kcl mud	
2861	1.40	32.0		kcl mud	