



Generell informasjon

Brønnbane navn	6508/1-1 S
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- INLINE 1372 & X-LINE 1294
Utvinningstillatelse	213
Boreoperatør	Saga Petroleum ASA
Boretillatelse	961-L
Boreinnretning	SCARABEO 5
Boredager	36
Borestart	25.07.1999
Boreslutt	29.08.1999
Frigitt dato	29.08.2001
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]	2750.0
Totalt vertikalt dybde (TVD) [m RKB]	2749.2
Temperatur ved bunn av brønnbanen [°C]	98
Eldste penetrerte alder	EARLY JURASSIC
Eldste penetrerte formasjon	ÅRE 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	3284



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]
1210.00	2750.00

Borekaks tilgjengelig for prøvetaking?	YES
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Litostratigrafi

Topp Dyb [mMD RKB]	Litostrat. enhet
414	NORDLAND GP
414	NAUST FM
1338	KAI FM
1603	HORDALAND GP



1603	BRYGGE FM
1733	ROGALAND GP
1877	SHETLAND GP
1877	SPRINGAR FM
2130	VIKING GP
2130	SPEKK FM
2147	MELKE FM
2351	FANGST GP
2351	GARN FM
2378	NOT FM
2392	ILE FM
2503	BÅT GP
2503	ROR FM
2519	TOFTE FM
2530	TILJE FM
2714	ÅRE FM

Spleisede logger

Dokument navn	Dokument format	Dokument størrelse [KB]
3284	pdf	0.27

Geokjemisk informasjon

Dokument navn	Dokument format	Dokument størrelse [KB]
3284_1	pdf	1.72
3284_2	pdf	1.87
3284_3	pdf	1.85
3284_4	pdf	1.83
3284_5	pdf	1.80
3284_6	pdf	1.73

Dokumenter - rapportert av utvinningstillatelsen (frigitt ihht til regelverk)

Dokument navn	Dokument format	Dokument størrelse [KB]
3284_6508_1_1_S_COMPLETION_LOG	.pdf	4.30





3284 6508 1 1 S COMPLETION REPORT	.pdf	35.61
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Logger

Type logg	Topp dyp for logg [m]	Bunn dyp for logg [m]
HALS DSI PEX GPIT	2296	2751
MDI	2352	2744
MSCT	2310	2742
MWD MPR GR DIR	415	2750
VSP	1100	2751

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	1922.0	12 1/4	1929.0	1.65	LOT
LINER	7	2296.0	8 1/2	2297.0	1.60	LOT
OPEN HOLE		2750.0	6	2750.0	0.00	LOT

Boreslam

Dybde MD [m]	Egenvekt, slam [g/cm3]	Viskositet, slam [mPa.s]	Flytegrense [Pa]	Type slam	Dato, måling
467	1.20			spud mud	
580	1.00			spud mud	
1209	1.40	30.0	25.0	kcl mud/gly	
1209	1.20			spud mud	
1780	1.50	36.0	37.0	kcl mud/gly	
1877	1.50	25.0	26.0	kcl mud/gly	
1927	1.50	29.0	23.0	kcl mud/gly	
1929	1.50	30.0	21.0	kcl mud/gly	
2098	1.50	30.0	23.0	kcl mud/gly	
2248	1.50	32.0	23.0	kcl mud/gly	
2297	1.50	28.0	16.0	kcl mud/gly	
2356	1.30	18.0	17.0	kcl mud/gly	
2546	1.30	24.0	22.0	kcl mud/gly	





Faktasider

Brønnbane / Leting

Utskriftstidspunkt: 8.5.2024 - 20:04

2750	1.50	31.0	24.0	kcl mud/gly	
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