



Generell informasjon





Faktasider

Brønnbane / Leting

Utskriftstidspunkt: 14.5.2024 - 16:00

Brønnbane navn	6507/8-7
Type	EXPLORATION
Formål	WILDCAT
Status	P&A
Pressemelding	lenke til pressemelding
Faktakart i nytt vindu	lenke til kart
Hovedområde	NORWEGIAN SEA
Brønn navn	6507/8-7
Seismisk lokalisering	ST00M01- inline402 & crossline 972
Utvinningstillatelse	124
Boreoperatør	Statoil ASA (old)
Boretillatelse	1070-L
Boreinnretning	DEEPSEA BERGEN
Boredager	27
Borestart	05.01.2004
Boreslutt	31.01.2004
Frigitt dato	31.01.2006
Publiseringsdato	06.06.2006
Opprinnelig formål	WILDCAT
Gjenåpnet	NO
Innhold	DRY
Funnbrønnbane	NO
Avstand, boredekk - midlere havflate [m]	23.0
Vanndybde ved midlere havflate [m]	333.0
Totalt målt dybde (MD) [m RKB]	2975.0
Totalt vertikalt dybde (TVD) [m RKB]	2975.0
Maks inklinasjon [°]	2.7
Temperatur ved bunn av brønnbanen [°C]	107
Eldste penetrerte alder	EARLY JURASSIC
Eldste penetrerte formasjon	TILJE FM
Geodetisk datum	ED50
NS grader	65° 17' 42.5" N
ØV grader	7° 21' 41.6" E
NS UTM [m]	7242522.23
ØV UTM [m]	423592.82
UTM sone	32
NPDID for brønnbanen	4854



Brønnhistorie

General

Well 6507/8-7 was drilled in the Grinna Graben, ca 1 km south-east of the Heidrun Field. The primary objective was to prove hydrocarbons in the Middle and Early Jurassic sandstones of the Fangst and Båt Groups. The secondary objective was to prove hydrocarbons in the Cretaceous Lysing Formation of the Cromer Knoll Group.

Operations and results

Well was spudded with the semi-submersible installation on 5 January 2004 and drilled to TD at 2975 m, 17 m into the Early Jurassic Tilje Formation. The 20" casing was set at 578 m, above a possible shallow gas anomaly. No shallow gas was observed in the well. The well was drilled with seawater and hi-vis sweeps down to 550 m, with seawater/polymer mud from 550 m to 1510 m, and with KCl/PAC/glycol mud (Glydril) from 1510 m to TD.

The well penetrated rocks of Quaternary, Tertiary, Cretaceous and Jurassic age. The Lysing Formation did not exist at the location. The top of Cromer Knoll Group consists of interbedded limestone/marl and claystone dated to the Lange Formation. The Viking and the Fangst Groups were both slightly thicker than expected. No sand beds were penetrated in the Viking Group. No hydrocarbons were proven in the penetrated sand beds of the Fangst and Båt Groups. No cores were cut in the well and no fluid sample taken.

The well was permanently abandoned on 31 January 2004 as a dry well.

Testing

No drill stem test was performed

Borekaks i Sokkeldirektoratet

Borekaksprøve, topp dybde [m]	Borekaksprøve, bunn dybde [m]
570.00	2975.00

Borekaks tilgjengelig for prøvetaking?	YES
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Litostratigrafi

Topp Dyb [mMD RKB]	Litostrat. enhet
356	NORDLAND GP
356	NAUST FM
1450	KAI FM
1820	HORDALAND GP
1820	BRYGGE FM



2021	ROGALAND GP
2021	TARE FM
2065	TANG FM
2099	SHETLAND GP
2099	SPRINGAR FM
2186	NISE FM
2376	KVITNOS FM
2443	CROMER KNOLL GP
2443	LANGE FM
2575	LYR FM
2649	VIKING GP
2649	SPEKK FM
2750	MELKE FM
2820	FANGST GP
2820	GARN FM
2848	NOT FM
2851	ILE FM
2900	BÅT GP
2900	ROR FM
2957	TILJE FM

Spleisede logger

Dokument navn	Dokument format	Dokument størrelse [KB]
4854	pdf	0.38

Logger

Type logg	Topp dyp for logg [m]	Bunn dyp for logg [m]
MWD LWD - MPR DCP	1510	2737
MWD LWD - MPR-LITE	408	1510
PEX-LITE DSI	1500	2718

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	403.0	36	408.0	0.00	LOT
SURF.COND.	20	545.0	26	550.0	1.23	LOT
INTERM.	13 3/8	1500.0	17 1/2	1510.0	1.62	LOT
INTERM.	9 7/8	2736.0	12 1/4	2737.0	1.65	LOT
OPEN HOLE		2975.0	8 1/2	2975.0	0.00	LOT

Boreslam

Dybde MD [m]	Egenvekt, slam [g/cm3]	Viskositet, slam [mPa.s]	Flytegrense [Pa]	Type slam	Dato, måling
860	1.15	15.0		SW / POLYMER 2	
1510	1.15	15.0		SW / POLYMER 2	
1890	1.41	20.0		GLYDRIL 74	
2670	1.41	20.0		GLYDRIL 74	
2737	1.41	20.0		GLYDRIL 74	
2740	1.20	16.0		GLYDRIL 74	