



Generell informasjon

Brønnbane navn	25/4-11
Type	EXPLORATION
Formål	WILDCAT
Status	P&A
Pressemelding	lenke til pressemelding
Faktakart i nytt vindu	lenke til kart
Hovedområde	NORTH SEA
Brønn navn	25/4-11
Seismisk lokalisering	DN15M01 Inline: 21648 Xline 9544
Utvinningstillatelse	677
Boreoperatør	Aker BP ASA
Boretillatelse	1666-L
Boreinnretning	MAERSK INTERCEPTOR
Boredager	13
Borestart	11.08.2017
Boreslutt	23.08.2017
Frigitt dato	08.05.2018
Publiseringsdato	29.03.2019
Opprinnelig formål	WILDCAT
Gjenåpnet	NO
Innhold	DRY
Funnbrønnbane	NO
Avstand, boredekk - midlere havflate [m]	55.0
Vanndybde ved midlere havflate [m]	112.0
Totalt målt dybde (MD) [m RKB]	2427.0
Totalt vertikalt dybde (TVD) [m RKB]	2427.0
Maks inklinasjon [°]	1.7
Eldste penetrerte alder	PALEOCENE
Eldste penetrerte formasjon	HEIMDAL FM
Geodetisk datum	ED50
NS grader	59° 44' 58.92" N
ØV grader	2° 9' 18.66" E
NS UTM [m]	6623993.08
ØV UTM [m]	452521.06
UTM sone	31
NPDID for brønnbanen	8227



Brønnhistorie

General

Well 25/4-11 was drilled to test the Hyrokkin prospect in the Volve Sub-basin in the North Sea, between the Frigg and Heimdal fields. The primary objective was to evaluate the hydrocarbon potential of the Heimdal Formation.

Operations and results

Wildcat well 25/4-11 was spudded with the jack-up installation Mærsk Interceptor on 11 August 2017 and drilled to TD at 2427 m in the Paleocene Heimdal Formation. Operations proceeded without significant problems. The well was drilled with Seawater and bentonite sweeps down to 222 m, with Glydrill WBM down to 1348 m and with EMS4600 oil-based mud from 1348 m to TD.

Top of the target Heimdal Formation was encountered at 2337 m. Ninety metres gross Heimdal sandstone with a few claystone layers was drilled down to TD. A net/gross ratio of 0.89 with 30% average porosity was found from petrophysical evaluation. The reservoir was water wet. There were no shows above the oil-based mud in the well.

No logs were run on wire line, no cores were cut, and no fluid sample was taken.

The well was permanently abandoned on 23 August 2017 as a dry well.

Testing

No drill stem test was performed.

Borekaks i Sökkeldirektoratet

Borekaksprøve, topp dybde [m]	Borekaksprøve, bunn dybde [m]
1320.00	2427.00

Borekaks tilgjengelig for prøvetaking?	YES
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Litostratigrafi

Topp Dyb [mMD RKB]	Litostrat. enhet
167	NORDLAND GP
257	UTSIRA FM
995	HORDALAND GP
2214	FRIGG FM
2234	ROGALAND GP
2234	BALDER FM
2254	SELE FM



2285	LISTA FM
2337	HEIMDAL FM

Logger

Type logg	Topp dyp for logg [m]	Bunn dyp for logg [m]
MWD - ORBIT ARC8 SONISCOPE	222	1348
MWD - ORBIT ECO SONI STET	1348	2427

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	22	216.0	26	222.0	0.00	
INTERM.	9 5/8	1341.0	12 1/4	1348.0	2.00	FIT
OPEN HOLE		2427.0	8 1/2	2427.0	0.00	

Boreslam

Dybde MD [m]	Egenvekt, slam [g/cm3]	Viskositet, slam [mPa.s]	Flytegrense [Pa]	Type slam	Dato, måling
222	1.39			Glydril WBM	
222	1.04			Spud mud	
244	1.04			Spud mud	
244	1.19	15.0		Glydril WBM	
1348	1.19	16.0		Glydril WBM	
2427	1.20	23.0		EMS 4600	