



Generell informasjon





Brønnbane navn	6508/1-3
Type	EXPLORATION
Formål	WILDCAT
Status	P&A
Pressemelding	lenke til pressemelding
Faktakart i nytt vindu	lenke til kart
Hovedområde	NORWEGIAN SEA
Brønn navn	6508/1-3
Seismisk lokalisering	Inline 10068. crossline 3696 3D-survey: MC3D-HVG2012M
Utvinningsstillatelse	758
Boreoperatør	Capricorn Norge AS
Boretillatelse	1769-L
Boreinnretning	TRANSOCEAN ARCTIC
Boredager	22
Borestart	20.06.2019
Boreslutt	11.07.2019
Plugget og forlatt dato	11.07.2019
Frigitt dato	13.02.2020
Publiseringsdato	20.02.2020
Opprinnelig formål	WILDCAT
Gjenåpnet	NO
Innhold	DRY
Funnbrønnbane	NO
Avstand, boredekk - midlere havflate [m]	24.0
Vanndybde ved midlere havflate [m]	390.0
Totalt målt dybde (MD) [m RKB]	1687.0
Totalt vertikalt dybde (TVD) [m RKB]	1687.0
Maks inklinasjon [°]	2.2
Eldste penetrerte alder	EARLY JURASSIC
Eldste penetrerte formasjon	ÅRE FM
Geodetisk datum	ED50
NS grader	65° 58' 25.75" N
ØV grader	8° 9' 49.92" E
NS UTM [m]	7317430.35
ØV UTM [m]	462010.83
UTM sone	32
NPDID for brønnbanen	8772



Brønnhistorie

General

Well 6508/1-3 was drilled to test the Lynghaug prospect in on the Sør High in the Norwegian Sea. The primary objective was to investigate the presence of hydrocarbons in the Early Jurassic Åre Formation.

Operations and results

Wildcat well 6508/1-3 was spudded with the semi-submersible installation Transocean Arctic on 20 June 2019 and drilled to TD at 1687 m in the Early Jurassic Åre Formation. Operations proceeded without significant problems. The well was drilled with seawater and hi-vis pills down to 1043 m and with Glydril water-based mud from 1043 m to TD.

Top Åre Formation came in at 1515 m, a heavily interbedded section of claystone, sandstone and coal. LWD petrophysical analysis of Åre proved 54 m net sandstone reservoir with 32% average porosity. Net/Gross ratio is 0.31. No hydrocarbons were found except low levels of mainly biogenic gas. There were no oil shows in the well.

No cores were cut. No fluid sample was taken.

The well was permanently abandoned on 11 July 2019 as a dry well.

Testing

No drill stem test was performed.

Borekaks i Sokkeldirektoratet

Borekaksprøve, topp dybde [m]	Borekaksprøve, bunn dybde [m]
1050.00	1687.00

Borekaks tilgjengelig for prøvetaking?	YES
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Litostratigrafi

Topp Dyb [mMD RKB]	Litostrat. enhet
414	NORDLAND GP
414	NAUST FM
1274	KAI FM
1368	HORDALAND GP
1368	BRYGGE FM
1424	ROGALAND GP
1424	TARE FM
1499	TANG FM



1515	BÅT GP
1515	ÅRE FM

Logger

Type logg	Topp dyp for logg [m]	Bunn dyp for logg [m]
APWD GR RES VSS DI ACS	413	1049
APWD RES GR DI	480	1043
APWD RES GR DI ACS	1043	1339
GR DI	413	480
GR RES APWD DEN CAL NEU DI ACS	1339	1687
VSP ZO	414	1687

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	478.5	36	479.8	0.00	
INTERM.	13 3/8	1038.0	17 1/2	1043.0	1.38	FIT
PILOT HOLE		1045.0	9 7/8	1045.0	0.00	
LINER	9 5/8	1338.0	12 1/4	1339.0	1.49	FIT
OPEN HOLE		1687.0	8 1/2	1687.0	0.00	

Boreslam

Dybde MD [m]	Egenvekt, slam [g/cm3]	Viskositet, slam [mPa.s]	Flytegrense [Pa]	Type slam	Dato, måling
440	1.49	26.0		1,50 sg Kill/Displacement mud	
441	1.03			Pre-hydrated Bentonite	
478	1.59	27.0		1,60 sg Kill mud	
478	1.02			Pre-hydrated Bentonite	
482	1.03			Pre-hydrated Bentonite	
986	1.59	27.0		1,60 sg Kill mud	
1043	1.19			Hi-Vis	



1043	1.15	14.0		Glydril	
1043	1.39			Displacement mud	
1049	1.49	30.0		1,50 sg Kill/Displacement mud	
1085	1.15	15.0		Inhibitive	
1180	1.16	17.0		Glydril	
1306	1.21	5.0		Glydril	
1313	1.16	17.0		Glydril	
1339	1.15	18.0		Glydril	
1339	1.16	17.0		Glydril	
1341	1.21	11.0		Glydril	
1426	1.21	17.0		Glydril	
1655	1.21	18.0		Glydril	
1687	1.02	1.0		Glydril	
1687	1.22	18.0		Glydril	