



Generell informasjon

Brønnbane navn	7224/2-1
Type	EXPLORATION
Formål	WILDCAT
Status	P&A
Pressemelding	lenke til pressemelding
Faktakart i nytt vindu	lenke til kart
Hovedområde	BARENTS SEA
Brønn navn	7224/2-1
Seismisk lokalisering	Inline 2500. Xline 7321 (WIN12003)
Utvinningstillatelse	611
Boreoperatør	Wintershall Norge AS
Boretillatelse	1607-L
Boreinnretning	TRANSOCEAN ARCTIC
Boredager	54
Borestart	11.01.2016
Boreslutt	04.03.2016
Frigitt dato	04.03.2018
Publiseringsdato	21.06.2017
Opprinnelig formål	WILDCAT
Gjenåpnet	NO
Innhold	DRY
Funnbrønnbane	NO
Avstand, boredekk - midlere havflate [m]	24.0
Vanndybde ved midlere havflate [m]	415.0
Totalt målt dybde (MD) [m RKB]	2944.0
Totalt vertikalt dybde (TVD) [m RKB]	2941.0
Maks inklinasjon [°]	4.9
Eldste penetrerte alder	EARLY TRIASSIC
Eldste penetrerte formasjon	HAVERT FM
Geodetisk datum	ED50
NS grader	72° 46' 25.93" N
ØV grader	24° 23' 56.17" E
NS UTM [m]	8077340.36
ØV UTM [m]	414043.07
UTM sone	35
NPDID for brønnbanen	7870



Brønnhistorie

General

Well 7224/2-1 was drilled on the southwest part of the Bjarmeland Platform, between the Loppa High and the Norvarg 7225/3-1 discovery in the Barents Sea. The primary objective was to test the Kvalross prospect within clinoform facies of the Early Triassic Klappmyss Formation. The secondary objective was to test the Kvaltann prospect in Late Triassic channel sandstones.

Operations and results

Wildcat well 7224/2-1 was spudded with the semi-submersible installation Transocean Arctic on 11 January 2016 and drilled to TD at 2944 m in the Early Triassic Havert Formation. A 9 7/8" pilot hole section was drilled from the seabed at 439 m to 650 m. No shallow gas or water flow was observed. At 1820 m, severe mud losses to open hole were observed, and a total of 187 hr NPT was spent on the loss/gain situation before reaching section TD. The well was drilled with seawater and hi-vis pills down to 648 m and with Performadril mud from 648 m to TD.

The well penetrated a thin Quaternary section (17 m) and then approximately 200 m Cretaceous section before entering hot shales of the Jurassic Hekkingen Formation. The primary Klappmyss Formation target was found to contain abundant organic rich claystone but no reservoir. The secondary Snadd Formation target was also found to be dry, but came in as predicted with respect to quality reservoir sandstones. Hydrocarbon shows were recorded in thin Upper Kobbe Formation sandstones in the interval 1735 to 1808 m. Relatively high background gas readings were observed in Kobbe, Klappmyss and Havert formations.

No cores were cut. Two RCX fluid samples were taken at 702.5 m.

The well was permanently abandoned on 4 March as a dry well.

Testing

No drill stem test was performed.

Borekaks i Sokkeldirektoratet

Borekaksprøve, topp dybde [m]	Borekaksprøve, bunn dybde [m]
660.00	2944.00

Borekaks tilgjengelig for prøvetaking?	YES
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Litostratigrafi

Topp Dyb [mMD RKB]	Litostrat. enhet
439	NORDLAND GP
439	UNDIFFERENTIATED



456	ADVENTDALEN GP
456	UNDIFFERENTIATED
657	HEKKINGEN FM
669	FUGLEN FM
682	KAPP TOSCANA GP
682	STØ FM
703	NORDMELA FM
705	FRUHOLMEN FM
783	SNADD FM
1720	SASSENDALEN GP
1720	KOBBE FM
2257	KLAPPMYSS FM
2735	HAVERT FM

Logger

Type logg	Topp dyp for logg [m]	Bunn dyp for logg [m]
GR NEU DEN	632	1075
MWD - GR RES SON DEN NEU PWD DIR	1205	2113
MWD - GR RES SON PWD DIR	439	1205
MWD - PWD DIR	439	648
MWD- GR RES SON DEN NEU PWD PRES	2113	2944
PRESS	683	702

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	493.0	36	0.0	0.00	
SURF.COND.	20	641.0	26	641.0	2.04	LOT
INTERM.	13 3/8	1198.0	17 1/2	1198.0	2.58	LOT
LINER	9 5/8	2110.0	12 1/4	2110.0	1.47	LOT
OPEN HOLE		2944.0	8 1/2	2994.0	0.00	

Boreslam



Faktasider

Brønnbane / Leting

Utskriftstidspunkt: 14.5.2024 - 05:21

Dybde MD [m]	Egenvekt, slam [g/cm ³]	Viskositet, slam [mPa.s]	Fllytegrense [Pa]	Type slam	Dato, måling
480	1.04	30.0		HI-VIS BENTONITE	
580	1.29	36.0		KCl/Polymer/GEM	
946	1.19	17.0		PERFORMADRIL	
1388	1.24	21.0		PEFORMADRIL	
1500	1.33	25.0		PEFORMADRIL	
1865	1.34	27.0		PEFORMADRIL	
2265	1.29	22.0		PEFORMADRIL	
2690	1.29	25.0		Performadril	
2944	1.33	23.0		PEFORMADRIL	
2944	1.35	27.0		PEFORMADRIL	