



Generell informasjon

Brønnbane navn	7218/8-1
Type	EXPLORATION
Formål	WILDCAT
Status	P&A
Pressemelding	lenke til pressemelding
Faktakart i nytt vindu	lenke til kart
Hovedområde	BARENTS SEA
Brønn navn	7218/8-1
Seismisk lokalisering	WG1001 inline 1696 & crossline 4172
Utvinningstillatelse	607
Boreoperatør	GDF SUEZ E&P Norge AS
Boretillatelse	1508-L
Boreinnretning	TRANSOCEAN BARENTS
Boredager	39
Borestart	03.03.2014
Boreslutt	10.04.2014
Frigitt dato	01.10.2015
Publiseringsdato	01.10.2015
Opprinnelig formål	WILDCAT
Gjenåpnet	NO
Innhold	DRY
Funnbrønnbane	NO
Avstand, boredekk - midlere havflate [m]	40.0
Vanndybde ved midlere havflate [m]	385.0
Totalt målt dybde (MD) [m RKB]	3000.0
Totalt vertikalt dybde (TVD) [m RKB]	3000.0
Maks inklinasjon [°]	2
Eldste penetrerte alder	EARLY CRETACEOUS
Eldste penetrerte formasjon	KOLMULE FM
Geodetisk datum	ED50
NS grader	72° 20' 0.7" N
ØV grader	18° 28' 38.46" E
NS UTM [m]	8029760.19
ØV UTM [m]	617733.08
UTM sone	33
NPDID for brønnbanen	7413



Brønnhistorie

General

Well 7218/8-1 was drilled on the Byrkje prospect on the Veslemøy High in the western Barents Sea. The objective of the well was to test the potential of hydrocarbon reservoirs in the Late Cretaceous Kviting Formation and Early to Late Cretaceous Kolmule Formation.

Operations and results

A 9 7/8" pilot hole, 7218/8-U-1, was drilled on the location, down to 949 m. No shallow gas was observed.

Wildcat well 7218/8-1 was spudded with the semi-submersible installation Transocean Barents on 3 March 2014 and drilled to TD at 3000 m in Early Cretaceous sediments in the Kolmule Formation. No significant problem was encountered in the operations. The well was drilled with seawater down to 941 m, with Glydril mud from 941 m to 1750 m and with EMS 3100 mud from 1750 m to TD.

The well was dry. The Nygrunnen Group was penetrated at 1852 to 1893 m. It consisted mainly of claystone belonging to the Kveite Formation; the Kviting Formation was not present in the well. Only one meter of reservoir quality sand with "faint gas shows" were observed in the Nygrunnen Group. From a sidewall core 1876.5 m, a very slight show was observed from a silty sandstone interval. Below the Kveite Formation, the well drilled 1107 m of Kolmule Formation claystones with no reservoir intervals and no indication of hydrocarbons.

No cores were cut in the well. MDT fluid samples (water and gas) were taken at 1878.5 m.

The well was permanently abandoned on 10 April 2014 as a dry well.

Testing

No drill stem test was performed.

Borekaks i Sokkeldirektoratet

Borekaksprøve, topp dybde [m]	Borekaksprøve, bunn dybde [m]
950.00	3000.00

Borekaks tilgjengelig for prøvetaking?	YES
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Litostratigrafi

Topp Dyb [mMD RKB]	Litostrat. enhet
425	NORDLAND GP
425	NAUST FM



563	SOTBAKKEN GP
563	TORSK FM
1852	NYGRUNNEN GP
1852	KVEITE FM
1893	ADVENTDALEN GP
1893	KOLMULE FM

Logger

Type logg	Topp dyp for logg [m]	Bunn dyp for logg [m]
FMI GR	1720	2007
LWD - ARC SADN TELE SONVIS	941	1740
LWD - TELE GEOVIS SONICVIS	1740	3000
MDT GR	1882	1877
MSCT GR	1853	2006
MWD - ARC TELE	424	941
MWD - PP DIR	425	490
VSI4 GR	993	2995

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	484.0	36	488.0	0.00	
SURF.COND.	20	937.0	26	941.0	0.00	
PILOT HOLE		949.0	9 7/8	949.0	0.00	
INTERM.	9 5/8	1733.0	12 1/4	1740.0	0.00	
OPEN HOLE		3000.0	8 1/2	3000.0	0.00	

Boreslam

Dybde MD [m]	Egenvekt, slam [g/cm3]	Viskositet, slam [mPa.s]	Flytegrense [Pa]	Type slam	Dato, måling
473	1.27	12.0		GLYDRIL	
1076	1.24	14.0		Glydril	
1592	1.24	20.0		GLYDRIL	
2260	1.33	19.0		EMS 3100	
3000	1.33	21.0		EMS 3100	

