



Generell informasjon

Brønnbane navn	7016/2-1
Type	EXPLORATION
Formål	WILDCAT
Status	P&A
Pressemelding	lenke til pressemelding
Faktakart i nytt vindu	lenke til kart
Hovedområde	BARENTS SEA
Brønn navn	7016/2-1
Seismisk lokalisering	Survey MCD 3D troms 111 inline 1408 & trace 3478
Utvinningstillatelse	529
Boreoperatør	Eni Norge AS
Boretillatelse	1465-L
Boreinnretning	SCARABEO 8
Boredager	113
Borestart	14.07.2013
Boreslutt	03.11.2013
Frigitt dato	01.10.2015
Publiseringsdato	01.10.2015
Opprinnelig formål	WILDCAT
Gjenåpnet	NO
Innhold	DRY
Funnbrønnbane	NO
Avstand, boredekk - midlere havflate [m]	34.0
Vanndybde ved midlere havflate [m]	1366.0
Totalt målt dybde (MD) [m RKB]	4061.0
Totalt vertikalt dybde (TVD) [m RKB]	4060.0
Maks inklinasjon [°]	9.1
Eldste penetrerte alder	LATE PALEOCENE
Eldste penetrerte formasjon	SOTBAKKEN GP
Geodetisk datum	ED50
NS grader	70° 50' 46.09" N
ØV grader	16° 33' 33.02" E
NS UTM [m]	7861181.61
ØV UTM [m]	557093.60
UTM sone	33
NPDID for brønnbanen	7232



Brønnhistorie

General

Well 7016/2-1 was drilled on the Bønna prospect in the Harstad Basin in the remote south-west part of the Barents Sea. The objective of the well was to prove petroleum in Eocene and Paleocene reservoir rocks belonging to the Sotbakken Group.

Operations and results

Between 3 August and 6 August 2012 a 9 7/8" pilot hole 7016/2-U-1 was drilled from the seabed to 1984 m using the semi-submersible installation Scarabeo 8. The pilot was drilled 50 m away from the planned location of the main well. It was logged with MWD gamma ray, resistivity and sonic logging tools together with visual and sonar observation of the seabed by an ROV. There was no indication of shallow gas.

The year after, on 14 July 2013, Scarabeo 8 returned to the location and spudded wildcat well 7016/2-1. Due to wellbore stability issues, the well was sidetracked on 31 August 2013 at 2396 m after reaching the 12 1/4" section TD at 3035 m. The sidetrack was drilled to TD at 4061 m in Late Paleocene sediments in the Sotbakken Group, Torsk Formation.

The well was drilled with seawater and hi-vis sweeps down to 1973 m, with Glydril mud from 1973 m to 2376 m, and with FormPro/brine mud from 2376 m to 2396 m (TD) in the primary well. The sidetrack well was drilled with Glydril mud from kick-off to final TD.

No Sandstone reservoirs were encountered and no significant gas shows above background gas were recorded. Only minor gas shows were observed over depth ranges 2730 - 2745 m, 2760 - 2772 m and 3400 - 3408 m, probably corresponding to more drillable and porous zones. Eni Norge wellsite geologists examined cuttings for the presence of oil shows. No shows were observed.

No conventional or sidewall cores were taken. No wireline pressure points or fluid samples were taken.

The well was permanently abandoned on 3 November 2013 as a dry well.

Testing

No drill stem test was performed.

Borekaks i Sokkeldirektoratet

Borekaksprøve, topp dybde [m]	Borekaksprøve, bunn dybde [m]
1980.00	3035.00

Borekaks tilgjengelig for prøvetaking?	YES
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Litostratigrafi



Topp Dyb [mMD RKB]	Litostrat. enhet
1400	NORDLAND GP
1400	NAUST FM
3091	SOTBAKKEN GP
3091	TORSK FM

Logger

Type logg	Topp dyp for logg [m]	Bunn dyp for logg [m]
GR RES DIR SON	1435	2370
GR RES DIR SON	3176	3324
GR RES ECD DIR DEN NEU	3070	4057
RAB NBGR GR RES ECD	2292	3101

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	36	1460.0	42	1460.0	1.23	LOT
SURF.COND.	20	1968.0	24	1973.0	1.42	LOT
LINER	16	2370.0	17 1/2	2376.0	1.54	FIT
INTERM.	13 3/8	2782.0	14 3/4	2782.0	0.00	
INTERM.	9 5/8	3102.0	12 1/4	3102.0	0.00	
OPEN HOLE		4061.0	8 1/2	4061.0	0.00	

Boreslam

Dybde MD [m]	Egenvekt, slam [g/cm3]	Viskositet, slam [mPa.s]	Flytegrense [Pa]	Type slam	Dato, måling
1430	0.00	23000.0		GL	
1973	0.00	1000.0		GE	
2795	0.00	16000.0		KF	
2845	0.00	24000.0		GL	
3280	0.00	21000.0		GL	
4061	0.00	21000.0		GL	