Generell informasjon

Brønnbane navn	7122/10-1 S
Type	EXPLORATION
Formål	WILDCAT
Status	P&A
Pressemelding	lenke til pressemelding
Faktakart i nytt vindu	lenke til kart
Hovedområde	BARENTS SEA
Brønn navn	7122/10-1
Seismisk lokalisering	3D FP13 PSTM: Inline 1125. X-line 5788
Utvinningstillatelse	697
Boreoperatør	Eni Norge AS
Boretillatelse	1673-L
Boreinnretning	SCARABEO 8
Boredager	27
Borestart	01.09.2017
Boreslutt	28.09.2017
Frigitt dato	26.03.2019
Publiseringsdato	11.04.2019
Opprinnelig formål	WILDCAT
Gjenåpnet	NO
Innhold	DRY
Funnbrønnbane	NO
Avstand, boredekk - midlere havflate [m]	34.0
Vanndybde ved midlere havflate [m]	342.0
Totalt målt dybde (MD) [m RKB]	1525.0
Totalt vertikalt dybde (TVD) [m RKB]	1327.0
Maks inklinasjon [°]	46.3
Eldste penetrerte alder	MIDDLE TRIASSIC
Eldste penetrerte formasjon	KOBBE FM
Geodetisk datum	ED50
NS grader	71° 10' 17.38'' N
ØV grader	22° 12' 28.59'' E
NS UTM [m]	7897170.81
ØV UTM [m]	543510.59
UTM sone	34
NPDID for brønnbanen	8257

Brønnhistorie

General

Well 7122/10-1 S was drilled to test the Goliat Eye' prospect on the Finmark Platform due south of the Goliat Field in the Barents Sea. The primary objective was to prove hydrocarbons in the Triassic Kobbe Formation, with secondary targets in the Realgrunnen Subgroup, Snadd Formation, and Klappmyss Formation.

Operations and results

Wildcat well 7122/10-1 S was spudded with the semi-submersible installation Scarabeo 8 on 1 September 2017 and drilled to TD at 1525 m (1327 m TVD) m in the Middle Triassic Kobbe Formation. Operations proceeded without significant problems. The well was drilled with seawater and hi-vis pills down to 577 m and with oil-based mud from 577 m to TD.

The well penetrated good porosity sandstones in all targets except the Klappmyss Formation, which was not drilled due to lack of hydrocarbons in all previous targets. No oil shows or high formation gas readings were seen in the well.

One core was cut from 625.5 to 649.63 m in the Fruholmen Formation with 100% of recovery. MDT water samples were taken at 621.7 m and 1426.29 m.

The well was permanently abandoned on 28 September 2017 as a dry well.

Testing

No drill stem test was performed.

Borekaks i Sokkeldirektoratet

Borekaksprøve, topp dybde [m]	Borekaksprøve, bunn dybde [m]
585.00	1525.00

Borekaks tilgjengelig for prøvetaking?	YES

Borekjerner i Sokkeldirektoratet

Kjerneprøve nummer	Kjerneprøve - topp dybde	Kjerneprøve - bunn dybde	Kjerneprøve dybde - enhet
1	625.5	649.6	[m]

Total kjerneprøve lengde [m]	24.1
Kjerner tilgjengelig for prøvetaking?	YES

Litostratigrafi

Topp Dyb [mMD RKB]	Litostrat. enhet
376	NORDLAND GP
376	NAUST FM
446	SOTBAKKEN GP
446	TORSK FM
475	ADVENTDALEN GP
475	KNURR FM
544	HEKKINGEN FM
616	FUGLEN FM
620	KAPP TOSCANA GP
620	FRUHOLMEN FM
697	SNADD FM
1425	SASSENDALEN GP
1425	KOBBE FM

Logger

Type logg	Topp dyp for logg [m]	Bunn dyp for logg [m]
AIT PEX MDT	1112	1505
AIT PEX MSIP MDT	567	797
IBC CBL VDL	400	1110
LWD - ARC TELE	578	581
LWD - ARC TELE	580	800
LWD - DI	431	434
LWD - DIR GR RES	369	579
LWD - NEO TELE SPS	649	652
LWD - PD ARC TELESC SONSC	581	1119
LWD - PD GVR ARCVIS SONSC	1119	1525
LWD - PD GVR ARCVIS TELE	581	625
LWD - PD GVR ARVIS TELE	652	800
LWD - PD OB ARC TELE	434	578
LWD - TELE	369	431
MDT SATUM	621	621
USIT CBL	402	560

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	425.0	42	431.0	0.00	
INTERM.	13 3/8	570.5	16	575.0	1.50	FIT
PILOT HOLE		578.0	8 1/2	578.0	0.00	
INTERM.	9 5/8	1112.0	12 1/4	1119.0	1.90	FIT
OPEN HOLE		1525.0	8 1/2	1525.0	0.00	

Boreslam

Dybde MD [m]	Egenvekt, slam [g/cm3]	Viskositet, slam [mPa.s]	Flytegrense [Pa]	Type slam	Dato, måling
434	1.03	1.0		--	
625	1.25	24.0		OB	
1119	1.25	19.0		OB	
1525	1.03	1.0		--	
1525	1.28	30.0		OB	