



General information

Wellbore name	7122/10-1 S
Type	EXPLORATION
Purpose	WILDCAT
Status	P&A
Press release	link to press release
Factmaps in new window	link to map
Main area	BARENTS SEA
Well name	7122/10-1
Seismic location	3D FP13 PSTM: Inline 1125. X-line 5788
Production licence	697
Drilling operator	Eni Norge AS
Drill permit	1673-L
Drilling facility	SCARABEO 8
Drilling days	27
Entered date	01.09.2017
Completed date	28.09.2017
Release date	26.03.2019
Publication date	11.04.2019
Purpose - planned	WILDCAT
Reentry	NO
Content	DRY
Discovery wellbore	NO
Kelly bushing elevation [m]	34.0
Water depth [m]	342.0
Total depth (MD) [m RKB]	1525.0
Final vertical depth (TVD) [m RKB]	1327.0
Maximum inclination [°]	46.3
Oldest penetrated age	MIDDLE TRIASSIC
Oldest penetrated formation	KOBBE FM
Geodetic datum	ED50
NS degrees	71° 10' 17.38" N
EW degrees	22° 12' 28.59" E
NS UTM [m]	7897170.81
EW UTM [m]	543510.59
UTM zone	34
NPDID wellbore	8257

**Wellbore history****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.

Cuttings at the Norwegian Offshore Directorate

Cutting sample, top depth [m]	Cutting samples, bottom depth [m]
585.00	1525.00

Cuttings available for sampling?	YES
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Cores at the Norwegian Offshore Directorate

Core sample number	Core sample - top depth	Core sample - bottom depth	Core sample depth - uom
1	625.5	649.6	[m]

Total core sample length [m]	24.1
Cores available for sampling?	YES

**Lithostratigraphy**

Top depth [mMD RKB]	Lithostrat. unit
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	SASSENDALLEN GP
1425	KOBBE FM

Logs

Log type	Log top depth [m]	Log bottom depth [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 TELES SC 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

**Casing and leak-off tests**

Casing type	Casing diam. [inch]	Casing depth [m]	Hole diam. [inch]	Hole depth [m]	LOT/FIT mud eqv. [g/cm3]	Formation test type
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	

Drilling mud

Depth MD [m]	Mud weight [g/cm3]	Visc. [mPa.s]	Yield point [Pa]	Mud type	Date measured
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	