

**General information**

Wellbore name	7219/11-1
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	7219/11-1
Seismic location	CGG R19 RAW PSDM STK FULL REV. inline 4724. crossline 11198
Production licence	533 B
Drilling operator	Lundin Norway AS
Drill permit	1814-L
Drilling facility	WEST BOLLSTA
Drilling days	41
Entered date	24.12.2020
Completed date	02.02.2021
Plugged and abandon date	02.02.2021
Release date	07.01.2022
Publication date	07.01.2022
Purpose - planned	WILDCAT
Reentry	NO
Content	DRY
Discovery wellbore	NO
Kelly bushing elevation [m]	33.0
Water depth [m]	306.0
Total depth (MD) [m RKB]	2015.0
Final vertical depth (TVD) [m RKB]	2015.0
Maximum inclination [°]	1.3
Oldest penetrated age	EARLY CRETACEOUS
Oldest penetrated formation	KOLMULE FM
Geodetic datum	ED50
NS degrees	72° 11' 46.64" N
EW degrees	19° 38' 16.48" E
NS UTM [m]	8017143.82
EW UTM [m]	658144.79
UTM zone	33
NPDID wellbore	9034



Wellbore history

General

Well 7219/11-1 was drilled to evaluate the Bask prospect on the Ringvassøy-Loppa Fault Complex in the Barents Sea. The primary objective was to evaluate the reservoir properties and hydrocarbon potential in the lower, Early Paleocene part of the Torsk Formation.

Operations and results

Wildcat well 7219/11-1 was spudded with the semi-submersible installation West Bollsta on 24 December 2020 and drilled to TD at 2015 m in the Early Cretaceous Kolmule Formation. In the drilling phase there were 14.6 days NPT due to problems with running the BOP and 5.9 days NPT due to problems with running 95/8" casing. The well was drilled with water based HydraGlide Optima mud all through to TD.

The well encountered two stacked sandstone units in the interval 1880.5 to 1974 m separated by a Maastrichtian to Paleocene unconformity at 1930 m. Both sandstones had mainly poor reservoir quality. The upper Paleocene unit from 1880.5 to 1930 m correspond to the Bask prospect. Weak oil shows in the form of very slow dull yellowish cut fluorescence and weak dull yellowish fluorescent residue were recorded from 1882 to 1894 m in this unit.

No cores were cut. No fluid sample was taken. XPT formation pressure points were attempted but failed due to tight formation or lost seal.

The well was permanently abandoned on 4 February 2021 as a dry well with weak shows.

Testing

No drill stem test was performed.

Cuttings at the Norwegian Offshore Directorate

Cutting sample, top depth [m]	Cutting samples, bottom depth [m]
360.00	2015.00

Cuttings available for sampling?	YES
----------------------------------	-----

Lithostratigraphy

Top depth [mMD RKB]	Lithostrat. unit
339	NORDLAND GP
339	NO FORMAL NAME
441	UNDIFFERENTIATED



497	SOTBAKKEN GP
497	TORSK FM
1881	UNDIFFERENTIATED
1930	NYGRUNNEN GP
1930	KVEITE FM
1974	ADVENTDALEN GP
1974	KOLMULE FM

Logs

Log type	Log top depth [m]	Log bottom depth [m]
FMI MSIP PPC BDT ABC GR	339	2012
HNGS HRLT NEXT PES	1797	2012
MWD - GR PWD RES DIR SON CAL DEN	652	1801
MWD - PWD RES GR DIR	351	636
MWD - RES GR PWD DEN US RES NEU	1799	2014
VSI	835	1836
XLR	1803	2003

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	351.0		658.0	0.00	
INTERM.	20	652.0	26	0.0	1.53	FIT
INTERM.	9 5/8	1797.2	12 1/4	0.0	1.60	LOT
OPEN HOLE		2015.0	8 1/2	2015.0	0.00	

Drilling mud

Depth MD [m]	Mud weight [g/cm3]	Visc. [mPa.s]	Yield point [Pa]	Mud type	Date measured
339	1.03			SPUD-MUD	
393	1.32	22.0	48.0	HydraGlyde Optima	
487	1.30	18.0	29.0	HydraGlyde Optima	
658	1.03		1.0	Other	
658	1.39	16.0	28.0	HydraGlyde Optima	



986	1.20	13.0	11.0	Other	
2015	1.17	10.0	24.0	Hydraglyde Optima	
2015	1.18	9.0	26.0	Hydraglyde Optima	
2015	1.17	11.0	22.0	Hydraglyde Optima	
2015	1.20	12.0	23.0	Hydraglyde Optima	