



General information

Wellbore name	25/4-11
Type	EXPLORATION
Purpose	WILDCAT
Status	P&A
Press release	link to press release
Factmaps in new window	link to map
Main area	NORTH SEA
Well name	25/4-11
Seismic location	DN15M01 Inline: 21648 Xline 9544
Production licence	677
Drilling operator	Aker BP ASA
Drill permit	1666-L
Drilling facility	MAERSK INTERCEPTOR
Drilling days	13
Entered date	11.08.2017
Completed date	23.08.2017
Release date	08.05.2018
Publication date	29.03.2019
Purpose - planned	WILDCAT
Reentry	NO
Content	DRY
Discovery wellbore	NO
Kelly bushing elevation [m]	55.0
Water depth [m]	112.0
Total depth (MD) [m RKB]	2427.0
Final vertical depth (TVD) [m RKB]	2427.0
Maximum inclination [°]	1.7
Oldest penetrated age	PALEOCENE
Oldest penetrated formation	HEIMDAL FM
Geodetic datum	ED50
NS degrees	59° 44' 58.92" N
EW degrees	2° 9' 18.66" E
NS UTM [m]	6623993.08
EW UTM [m]	452521.06
UTM zone	31
NPDID wellbore	8227



Wellbore history

General

Well 25/4-11 was drilled to test the Hyrokkin prospect in the Volve Sub-basin in the North Sea, between the Frigg and Heimdal fields. The primary objective was to evaluate the hydrocarbon potential of the Heimdal Formation.

Operations and results

Wildcat well 25/4-11 was spudded with the jack-up installation Mærsk Interceptor on 11 August 2017 and drilled to TD at 2427 m in the Paleocene Heimdal Formation. Operations proceeded without significant problems. The well was drilled with Seawater and bentonite sweeps down to 222 m, with Glydrill WBM down to 1348 m and with EMS4600 oil-based mud from 1348 m to TD.

Top of the target Heimdal Formation was encountered at 2337 m. Ninety metres gross Heimdal sandstone with a few claystone layers was drilled down to TD. A net/gross ratio of 0.89 with 30% average porosity was found from petrophysical evaluation. The reservoir was water wet. There were no shows above the oil-based mud in the well.

No logs were run on wire line, no cores were cut, and no fluid sample was taken.

The well was permanently abandoned on 23 August 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]
1320.00	2427.00

Cuttings available for sampling?	YES
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Lithostratigraphy

Top depth [mMD RKB]	Lithostrat. unit
167	NORDLAND GP
257	UTSIRA FM
995	HORDALAND GP
2214	FRIGG FM
2234	ROGALAND GP
2234	BALDER FM
2254	SELE FM



2285	LISTA FM
2337	HEIMDAL FM

Logs

Log type	Log top depth [m]	Log bottom depth [m]
MWD - ORBIT ARC8 SONISCOPE	222	1348
MWD - ORBIT ECO SONI STET	1348	2427

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	22	216.0	26	222.0	0.00	
INTERM.	9 5/8	1341.0	12 1/4	1348.0	2.00	FIT
OPEN HOLE		2427.0	8 1/2	2427.0	0.00	

Drilling mud

Depth MD [m]	Mud weight [g/cm3]	Visc. [mPa.s]	Yield point [Pa]	Mud type	Date measured
222	1.39			Glydril WBM	
222	1.04			Spud mud	
244	1.04			Spud mud	
244	1.19	15.0		Glydril WBM	
1348	1.19	16.0		Glydril WBM	
2427	1.20	23.0		EMS 4600	