

**General information**

Wellbore name	15/6-15
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	15/6-15
Seismic location	LIne ABP 18302-02-02109 SP1210
Production licence	814
Drilling operator	Aker BP ASA
Drill permit	1762-L
Drilling facility	DEEPSEA STAVANGER
Drilling days	16
Entered date	18.05.2019
Completed date	02.06.2019
Plugged and abandon date	02.06.2019
Release date	19.03.2021
Publication date	30.04.2021
Purpose - planned	WILDCAT
Reentry	NO
Content	DRY
Discovery wellbore	NO
Kelly bushing elevation [m]	30.0
Water depth [m]	109.0
Total depth (MD) [m RKB]	3795.0
Oldest penetrated age	TRIASSIC
Oldest penetrated formation	SKAGERRAK FM
Geodetic datum	ED50
NS degrees	58° 40' 35.66" N
EW degrees	1° 52' 21.58" E
NS UTM [m]	6504737.76
EW UTM [m]	434624.12
UTM zone	31
NPDID wellbore	8746



Wellbore history

Well 15/6-15 was drilled to test the Freke-Garm prospect on the Gudrun Terrace in the North Sea. The primary objective was to test the hydrocarbon potential in the Middle Jurassic Hugin and Sleipner formations. The secondary objective was to test the Triassic Skagerrak Formation.

Operations and results

An 8 1/2" pilot hole 15-6/U-5 was drilled 1390 m MD. The pilot was drilled in parallel with the main bore. No shallow gas was observed.

Wildcat well 15/6-15 was spudded with the semi-submersible installation Deepsea Stavanger on 18 May 2019 and drilled to TD at 3795 m in the Triassic Skagerrak Formation. Operations proceeded without significant problems. The well was drilled with seawater and hi-vis pills down to 1377 m, with KCl-polymer mud from 1377 m to 3033 m and with Innovert oil-based mud from 3033 m to TD.

Well 15/6-15 encountered the Sleipner Formation with a thickness of about 124 meters, of which 45 meters were reservoir sands of good to moderate reservoir quality. The Skagerrak Formation was encountered with a thickness of about 150 meters, of which 16 meters were reservoir sands with poor reservoir quality. The well is dry without shows

No cores were cut. No fluid sample was taken.

The well was permanently abandoned on 2 June 2019 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]
1380.00	3795.00

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

Lithostratigraphy

Top depth [mMD RKB]	Lithostrat. unit
141	NORDLAND GP
753	UTSIRA FM
1033	HORDALAND GP
1033	UNDIFFERENTIATED
1340	SKADE FM
1354	UNDIFFERENTIATED
1812	GRID FM
2035	UNDIFFERENTIATED



2263	ROGALAND GP
2263	BALDER FM
2331	SELE FM
2400	LISTA FM
2634	VÅLE FM
2714	SHETLAND GP
2714	EKOFISK FM
2768	TOR FM
2982	HOD FM
3233	BLODØKS FM
3274	SVARTE FM
3301	CROMER KNOLL GP
3301	RØDBY FM
3389	VIKING GP
3389	DRAUPNE FM
3452	HEATHER FM
3521	VESTLAND GP
3521	SLEIPNER FM
3645	HEGRE GP
3645	SKAGERRAK FM

Logs

Log type	Log top depth [m]	Log bottom depth [m]
LWD - DIR	139	217
LWD - DIR PWD GR	217	1377
LWD - DIR PWD GR RES DEN NEU SON	1377	3033
LWD - DIR PWD GR RES DEN NEU SON	3033	3795
LWD - FM PRESS	3033	3795

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
PILOT HOLE		141.0	8 1/2	1390.0	0.00	
CONDUCTOR	36	215.0	42	217.0	0.00	
SURF.COND.	13 3/8	1371.0	17 1/2	1377.0	1.58	LOT



INTERM.	9 5/8	3033.0	12 1/4	3025.0	2.08	LOT
OPEN HOLE		3795.0	8 1/2	3795.0	0.00	

Drilling mud

Depth MD [m]	Mud weight [g/cm3]	Visc. [mPa.s]	Yield point [Pa]	Mud type	Date measured
110	1.03			Water	
762	1.25			Water	
762	1.50			Water	
1377	1.25			Water	
1380	1.36			Water	
2102	1.10			Water	
2315	1.32			Oil	
2315	1.37			Oil	
2676	1.36			Water	
3033	1.36			Water	
3035	1.37			Oil	
3628	1.37			Oil	
3795	1.37			Oil	