General information

Wellbore name	6204/11-3
Type	EXPLORATION
Purpose	WILDCAT
Status	P&A
Press release	link to press release
Factmaps in new window	link to map
Main area	NORWEGIAN SEA
Well name	6204/11-3
Seismic location	CGG14003 Inline 10171
Production licence	829
Drilling operator	Wellesley Petroleum AS
Drill permit	1830-L
Drilling facility	BORGLAND DOLPHIN
Drilling days	21
Entered date	25.08.2020
Completed date	14.09.2020
Plugged and abondon date	14.09.2020
Release date	10.02.2021
Publication date	30.04.2021
Purpose - planned	WILDCAT
Reentry	NO
Content	DRY
Discovery wellbore	NO
Kelly bushing elevation [m]	31.0
Water depth [m]	211.0
Total depth (MD) [m RKB]	1321.0
Final vertical depth (TVD) [m RKB]	1321.0
Oldest penetrated formation	BASEMENT
Geodetic datum	ED50
NS degrees	62° 3' 52.06'' N
EW degrees	4° 22' 10.42'' E
NS UTM [m]	6882282.62
EW UTM [m]	571582.08
UTM zone	31
NPDID wellbore	9111

Wellbore history

General

Well 6204/11-3 was drilled to test the Schweinsteiger prospect in the northern part of the Måløy Slope in the northern North Sea. The primary objective was to prove producible hydrocarbons in the Cretaceous Åsgard Formation.

Operations and results

Wildcat well 6204/11-3 was spudded with the semi-submersible installation Borgland Dolphin on 14 September 2020 and drilled to TD at 1321 m, 50 m into Basement. A 9 7/8" shallow gas pilot hole was drilled from 307 to 631 m. Shallow gas was observed at 331 m. Visible gas bubbles were seen that lead to pumping of kill mud. The well was killed with no visible gas observed by the ROV. Operations proceeded without significant problems. The well was drilled with seawater and hi-vis pills down to 307 m and with Glydril mud from 307 m to TD.

The target Åsgard Formation sandstone was not encountered. Instead, the well encountered 140 m of undifferentiated Cromer Knoll Group siltstone with sandstone and limestone stringers from 1084 - 1224 m. The well also penetrated a 47 m section of undifferentiated Jurassic of interbedded sandstone, siltstone, and claystone from 1224 to 1271 m. The basement also consisted of sandstone. All sandstones were water bearing with no oil shows.

No cores were cut. No fluid sample was taken.

The well was permanently abandoned on 14 September 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]
640.00	1322.00

Cuttings available for sampling?	YES

Lithostratigraphy

Top depth [mMD RKB]	Lithostrat. unit
242	NORDLAND GP
242	UNDIFFERENTIATED
640	ROGALAND GP
640	LISTA FM
760	VÅLE FM
928	SHETLAND GP

928	JORSALFARE FM
938	KYRRE FM
1084	CROMER KNOLL GP
1084	UNDIFFERENTIATED
1224	UNDEFINED GP
1224	UNDIFFERENTIATED
1271	BASEMENT

Logs

Log type	Log top depth [m]	Log bottom depth [m]
LWD - DI	242	307
LWD - DI GR RES PWD SON	623	1006
LWD - DI GR RES PWD SON AC	301	627
LWD - DI GVR ES RES DEN NEU SON	1006	1322
LWD - DI PWD	301	623