

**General information**

Wellbore name	6608/11-9
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	6608/11-9
Seismic location	Inline 5158. Crossline 7167. 3D Seismic survey: CAP17M01
Production licence	842
Drilling operator	Capricorn Norge AS
Drill permit	1773-L
Drilling facility	TRANSOCEAN ARCTIC
Drilling days	24
Entered date	13.07.2019
Completed date	05.08.2019
Plugged and abandon date	05.08.2019
Release date	23.04.2020
Publication date	10.11.2021
Purpose - planned	WILDCAT
Reentry	NO
Content	DRY
Discovery wellbore	NO
Kelly bushing elevation [m]	24.0
Water depth [m]	378.0
Total depth (MD) [m RKB]	1700.0
Final vertical depth (TVD) [m RKB]	1700.0
Oldest penetrated age	MIDDLE JURASSIC
Oldest penetrated formation	NOT FM
Geodetic datum	ED50
NS degrees	66° 2' 54.07" N
EW degrees	8° 22' 34.16" E
NS UTM [m]	7325625.87
EW UTM [m]	471738.39
UTM zone	32
NPDID wellbore	8802



Wellbore history

General

Well 6608/11-9 (Godalen) is located on the Sør High part of the Nordland Ridge in the Mid-Norway parts. The well was designed as a vertical exploration well to investigate the distribution and hydrocarbon bearing potential of the Rogn Formation in the Godalen prospect. In addition, investigate the properties of the Intra Melke Formation sandstones.

Operations and results

Well 6608/11-9 was drilled with the semi-submersible drilling rig Transocean Artic on 13 July 2019 and drilled vertically to TD of 1700 m (1699.9 m TVD) in the Middle Jurassic Not Formation. The well was drilled down to 1103 m with seawater and sweeps and from 1103 m to TD with KCl/Glycol water-based mud.

Top Rogn Formation reservoir was not encountered at the target depth and no hydrocarbons were discovered in the wellbore. The top Intra Melke sandstones was encountered at 1599 m, 33.5 m shallower than original prognosis, and consists of weakly signatures of sandstone with claystone and minor limestone intervals. No conventional core was cut, and no wireline fluid samples taken.

The well was plugged and abandoned on 5 August 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]
1110.00	1700.00

Cuttings available for sampling?	YES
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Lithostratigraphy



Top depth [mMD RKB]	Lithostrat. unit
402	NORDLAND GP
402	NAUST FM
524	UNDIFFERENTIATED
668	UNDIFFERENTIATED
668	NAUST FM
802	NAUST FM
802	UNDIFFERENTIATED
939	NORDLAND GP
939	UNDIFFERENTIATED
1294	KAI FM
1318	HORDALAND GP
1318	BRYGGE FM
1352	ROGALAND GP
1352	TARE FM
1425	TANG FM
1444	CROMER KNOLL GP
1444	LYR FM
1498	VIKING GP
1498	SPEKK FM
1545	MELKE FM
1599	UNDIFFERENTIATED
1662	FANGST GP
1662	NOT FM

Logs

Log type	Log top depth [m]	Log bottom depth [m]
CBL	1180	1370
MWD - APWD GR RES DI ACS	402	1105
MWD - ECD GR DI ACS	1103	1468
MWD - GR DI	402	1103
MWD - GR RES DI DEN USON NEU ACS	1468	1700
VSP	420	1690

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	467.0	42	469.6	0.00	
SURF.COND.	13 3/8	1096.7	17 1/2	1103.0	1.42	LOT
PILOT HOLE		1105.0	9 7/8	1105.0	0.00	
INTERM.	9 5/8	1466.0	12 1/2	1468.0	1.45	LOT
OPEN HOLE		1700.0	8 1/2	1700.0	0.00	