

**General information**

Wellbore name	6507/3-12 A
Type	EXPLORATION
Purpose	APPRAISAL
Status	JUNKED
Press release	link to press release
Factmaps in new window	link to map
Main area	NORWEGIAN SEA
Discovery	6507/3-12 (Osprey)
Well name	6507/3-12
Seismic location	Inline 4883. X-line 2987
Production licence	159 B
Drilling operator	Statoil Petroleum AS
Drill permit	1655-L
Drilling facility	DEEPSEA BERGEN
Drilling days	9
Entered date	28.02.2017
Completed date	09.03.2017
Plugged and abandon date	09.03.2017
Release date	09.03.2019
Publication date	04.04.2019
Purpose - planned	APPRAISAL
Reentry	NO
Content	NOT APPLICABLE
Discovery wellbore	NO
Kelly bushing elevation [m]	23.0
Water depth [m]	381.0
Total depth (MD) [m RKB]	2687.0
Final vertical depth (TVD) [m RKB]	2552.0
Oldest penetrated age	LATE CRETACEOUS
Geodetic datum	ED50
NS degrees	65° 58' 3.95" N
EW degrees	7° 56' 1.53" E
NS UTM [m]	7316913.96
EW UTM [m]	451545.26
UTM zone	32
NPDID wellbore	8136



Wellbore history

General

Well 6507/3-12 A is a geological side-track to well 6507/3-12 on the Revfallet Fault complex in the Norwegian sea. Well 6507/3-12 discovered gas in the Cretaceous Lysing Formation (Osprey discovery), and the objective of the side-track was to test this discovery in a down-flank position.

Operations and results

Appraisal well 6507/3-12 A was kicked off at 1354 m in the primary well bore on 28 February 2017. It was drilled with the semi-submersible installation Deepsea Bergen to 2687 m (2551.8 m TVD) without any problems. The 12 1/4" BHA was pulled out of hole without any obstructions. The 9 7/8" slick casing was run to 1931 m) and got stuck. It was not possible to move the casing in any direction. The casing was cut below 13 5/8" shoe and the well was plugged and abandoned. The well was drilled with XP-07 oil-based mud from kick-off to TD.

No cores were cut. No fluid sample was taken.

The well was permanently abandoned on 8 March 2017 as a junk well.

Testing

No drill stem test was performed.

Cuttings at the Norwegian Offshore Directorate

Cutting sample, top depth [m]	Cutting samples, bottom depth [m]
1360.00	2687.00

Cuttings available for sampling?	YES
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Lithostratigraphy

Top depth [mMD RKB]	Lithostrat. unit
404	NORDLAND GP
404	NAUST FM
1290	KAI FM
1626	HORDALAND GP
1626	BRYGGE FM
1927	ROGALAND GP
1927	TARE FM
1974	TANG FM



2052	SHETLAND GP
2052	SPRINGAR FM
2365	KVITNOS FM

Logs

Log type	Log top depth [m]	Log bottom depth [m]
MWD - GR RES APWD DIR	1325	2687

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	30	441.0	36	441.0	0.00	
INTERM.	13 5/8	1325.7	17 1/2	1334.0	0.00	
		1330.0		0.0	1.61	FIT
OPEN HOLE		2687.0	12 1/4	0.0	0.00	

Drilling mud

Depth MD [m]	Mud weight [g/cm3]	Visc. [mPa.s]	Yield point [Pa]	Mud type	Date measured
1325	1.56	26.0		XP-07	
1471	1.55	26.0		XP-07	
1910	1.53	25.0		XP-07	
2432	1.53	26.0		XP-07	
2687	1.53	24.0		XP-07	