

**General information**

Wellbore name	25/7-9 S
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	25/7-9
Seismic location	CP19301-2009 / PGS16M01CPR18 IL: 7115 IL-17896
Production licence	917
Drilling operator	ConocoPhillips Skandinavia AS
Drill permit	1801-L
Drilling facility	LEIV EIRIKSSON
Drilling days	35
Entered date	12.01.2020
Completed date	15.02.2020
Plugged and abandon date	15.02.2020
Release date	15.02.2022
Publication date	08.08.2022
Purpose - planned	WILDCAT
Reentry	NO
Content	DRY
Discovery wellbore	NO
Kelly bushing elevation [m]	25.0
Water depth [m]	126.0
Total depth (MD) [m RKB]	1980.0
Final vertical depth (TVD) [m RKB]	1924.0
Oldest penetrated formation	SELE FM
Geodetic datum	ED50
NS degrees	59° 15' 17.13" N
EW degrees	2° 18' 51.74" E
NS UTM [m]	6568773.11
EW UTM [m]	460898.96
UTM zone	31
NPDID wellbore	8957



Wellbore history

General

Well 25/7-9 S was drilled to test the Hasselbaink prospect on the western margin of the Utsira High between the Balder Field and the 257/8 S discovery in the North Sea. The primary objective was to prove hydrocarbons in an Eocene injectite complex. The prospect was mapped to lie above the regional Balder Field OWC at 1760 m TVD SS. As such any sand above this level would in theory contain oil.

Operations and results

A 9-7/8" pilot hole was drilled at approximately 15 m offset to the planned spud location, to 520 m to investigate potential shallow gas and shallow water flow hazard. There was no evidence of shallow flows, gas, or water.

Wildcat well 25/7-9 S was spudded with the semi-submersible installation Leiv Eiriksson on 12 January 2020 and drilled to TD at 1980 m (1924.2 m TVD) in the Paleocene Hermod Formation. Operations proceeded without significant problems. The well was drilled with seawater and hi-vis pills down to 1055 m and with Innovert oil-based mud from 1055 m to TD.

25/7-9 S encountered two thin sandstone intervals, each of approximately one metre thickness in the prognosed reservoir interval in the Hordaland Group. The sands had very good reservoir properties and traces of petroleum.

Shows were observed in two samples; in the upper sandstone the lower Hordaland Group at 1770 m (stain, direct fluorescence, and a sharp peak in resistivity), and in claystone at 1833 m (direct and cut fluorescence) in the Balder Formation.

No cores were cut. No fluid sample was taken.

The well was permanently abandoned on 13. February 2020 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]
520.00	1980.00

Cuttings available for sampling?	YES
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Lithostratigraphy

Top depth [mMD RKB]	Lithostrat. unit
497	UTSIRA FM
522	NORDLAND GP



706	NO FORMAL NAME
731	UTSIRA FM
1398	HORDALAND GP
1398	NO FORMAL NAME
1761	BALDER FM
1785	NO FORMAL NAME
1831	ROGALAND GP
1831	BALDER FM
1889	SELE FM
1932	HERMOD FM

Logs

Log type	Log top depth [m]	Log bottom depth [m]
LWD - GR RES DEN NEU CAL AFT	1662	1980
LWD - OT	151	1055
LWD - OTII ST DEN NEU	1055	1662
XPT MSIP NGI	1300	1980

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	217.0	42	217.0	0.00	
SURF.COND.	13 3/8	1045.0	17 1/2	1058.0	1.58	FIT
INTERM.	9 5/8	1657.0	12 1/4	1657.0	1.69	LOT
OPEN HOLE		1924.0	8 1/2	1924.0	0.00	