



General information





Wellbore name	24/9-13 A
Type	EXPLORATION
Purpose	APPRAISAL
Status	P&A
Press release	link to press release
Factmaps in new window	link to map
Main area	NORTH SEA
Discovery	24/9-13 (Rumpetroll)
Well name	24/9-13
Seismic location	DN15M01 Inline 17256 Xline 9555
Production licence	869
Drilling operator	Aker BP ASA
Drill permit	1776-L
Drilling facility	DEEPSEA NORDKAPP
Drilling days	13
Entered date	17.07.2019
Completed date	29.07.2019
Plugged and abandon date	29.07.2019
Release date	29.07.2021
Publication date	10.11.2021
Purpose - planned	APPRAISAL
Reentry	NO
Content	GAS
Discovery wellbore	NO
1st level with HC, age	EOCENE
1st level with HC, formation	HORDALAND GP
Kelly bushing elevation [m]	33.0
Water depth [m]	117.7
Total depth (MD) [m RKB]	3466.0
Final vertical depth (TVD) [m RKB]	2273.0
Oldest penetrated age	PALEOCENE
Oldest penetrated formation	HEIMDAL FM
Geodetic datum	ED50
NS degrees	59° 17' 51.89" N
EW degrees	1° 46' 2.45" E
NS UTM [m]	6574008.68
EW UTM [m]	429792.70
UTM zone	31
NPDID wellbore	8845



Wellbore history

General

Well 24/9-13 A is an appraisal side-track to the 24/9-13 well in the Vana Sub-basin in the North Sea. Well 24/9-13 discovered gas in intra- Balder Formation and intra-Hordaland Group injectite sands. The primary objective for the 24/9-13 A side-track was to establish hydrocarbon contacts and sample oil if present.

Operations and results

Appraisal well 24/9-13 A was kicked off at 1462 m on 17 July 2019 and drilled with the semi-submersible installation Deepsea Nordkapp to TD at 3466 m (2273 m TVD) m in the Paleocene Heimdal Formation. The well was vertical down to about 1500 m, building angle to 75° at about 2050 m and with a sail angle between 70° and 80° through the injectite complex to TD. Operations proceeded without significant problems. The well was drilled with Innovert oil-based mud from kick-off to TD.

Gas was confirmed in two thin injectite sands at 2347 m (~0.5 m thick) and 2576 m (~3 m thick) within the Hordaland Group. No sand was encountered within the Balder Formation. The Heimdal Formation sandstone was water wet as expected. No hydrocarbon contact was established. There were no shows above OBM throughout the well.

No cores were cut. No fluid sample was taken due to insufficient continuous sand thickness as well as deteriorating hole conditions after TD.

The well was permanently abandoned on 29 July 2019 as a gas appraisal well.

Testing

No drill stem test was performed.

Cuttings at the Norwegian Offshore Directorate

Cutting sample, top depth [m]	Cutting samples, bottom depth [m]
1730.00	3466.00

Cuttings available for sampling?	YES
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Lithostratigraphy

Top depth [mMD RKB]	Lithostrat. unit
151	NORDLAND GP
151	UNDIFFERENTIATED
264	UTSIRA FM
763	HORDALAND GP



763	SKADE FM
1104	GRID FM
1462	UNDIFFERENTIATED
2339	NO FORMAL NAME
2353	NO FORMAL NAME
2576	NO FORMAL NAME
2598	ROGALAND GP
2598	BALDER FM
2981	SELE FM
3176	NO FORMAL NAME
3188	NO FORMAL NAME
3427	HEIMDAL FM

Logs

Log type	Log top depth [m]	Log bottom depth [m]
LWD - ABGR DIR DGR RES DENS POR	1685	3465
LWD - DIR GR RES PWD	1504	1724
LWD - GEOT PWD SON	1685	3465

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
INTERM.	10 3/4	1718.0	12 1/4	1724.0	1.54	FIT
OPEN HOLE		3465.8	9 1/2	3465.8	0.00	