

**General information**

Wellbore name	25/10-16 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
Field	HANZ
Discovery	25/10-8 Hanz
Well name	25/10-16
Seismic location	DN1302M01. Inline 2594. crossline 1779
Production licence	028 B
Drilling operator	Aker BP ASA
Drill permit	1707-L
Drilling facility	MAERSK INTREPID
Drilling days	10
Entered date	31.07.2018
Completed date	09.08.2018
Plugged date	09.08.2018
Release date	09.08.2020
Publication date	09.08.2020
Purpose - planned	APPRAISAL
Reentry	NO
Content	GAS
Discovery wellbore	NO
1st level with HC, age	MIDDLE JURASSIC
1st level with HC, formation	HUGIN FM
Kelly bushing elevation [m]	55.0
Water depth [m]	116.5
Total depth (MD) [m RKB]	3704.0
Final vertical depth (TVD) [m RKB]	2592.0
Maximum inclination [°]	60.3
Oldest penetrated age	LATE TRIASSIC
Oldest penetrated formation	SKAGERRAK FM
Geodetic datum	ED50
NS degrees	59° 2' 13.13" N
EW degrees	2° 13' 41.38" E
NS UTM [m]	6544576.65



EW UTM [m]	455702.05
UTM zone	31
NPDID wellbore	8491

Wellbore history

General

Well 25/10-16 A is a geological side-track to 25/10-16 S. It was drilled on the 25/10-8 Hanz discovery on the Gudrun Terrace in the North Sea. The primary objective was to test the hydrocarbon potential in Intra-Draupne Formation sandstones in the southern segment of the Hanz structure.

Operations and results

Appraisal well 25/10-16 A was kicked off at 565 m in mainwell 25/10-16 S on 31 July 2018. It was drilled with the jack-up installation Mærsk Intrepid to TD at 3704 m (2592 m TVD) m in the Late Triassic Skagerrak Formation. Operations proceeded without significant problems. The well was drilled with RheGuard oil-based mud from kick-off to TD.

very little sandstone was found in the Draupne Formation. Where sand was present, it showed poor reservoir quality and a substantial degree of cementation. Top Hugin Formation was penetrated at 3613 m. The reservoir properties in Hugin was excellent, and it held a 13 m gas column. Pressure points in the Hugin Formation confirmed a gas-water contact at 3626 m (2520 m TVD) and ca 8 bar pressure depletion compared to the 25/10-8 well.

No cores were cut. No fluid sample was taken.

The well was permanently abandoned on 9 August 2018 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]
570.00	3704.00

Cuttings available for sampling?	YES
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Lithostratigraphy

Top depth [mMD RKB]	Lithostrat. unit
172	NORDLAND GP
707	UTSIRA FM



905	HORDALAND GP
905	SKADE FM
1418	HORDALAND GP
2221	GRID FM
2472	HORDALAND GP
2963	ROGALAND GP
2963	BALDER FM
3041	SELE FM
3128	LISTA FM
3180	HEIMDAL FM
3214	LISTA FM
3259	VÅLE FM
3291	SHETLAND GP
3291	EKOFISK FM
3365	TOR FM
3464	VIKING GP
3464	DRAUPNE FM
3610	HEATHER FM
3613	VESTLAND GP
3613	HUGIN FM
3627	STATFJORD GP
3653	HEGRE GP
3653	SKAGERRAK FM
3680	NO FORMAL NAME
3686	SKAGERRAK FM

Logs

Log type	Log top depth [m]	Log bottom depth [m]
LWD - GR RES NEU DEN FPWD	2673	4405

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	22	208.5	26	219.0	0.00	
INTERM.	13 3/8	552.7	17 1/2	560.0	1.59	LOT
PILOT HOLE		561.0	9 7/8	561.0	0.00	
INTERM.	9 5/8	2663.4	12 1/4	2672.0	1.64	FIT



OPEN HOLE		3704.0	8 1/2	3704.0	0.00	
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Drilling mud

Depth MD [m]	Mud weight [g/cm3]	Visc. [mPa.s]	Yield point [Pa]	Mud type	Date measured
1847	1.34	29.0		Rheguard Prime	
2660	1.38	27.0		Rheguard Prime	
2672	1.36	28.0		Rheguard Prime	
2733	1.34	30.0		Rheguard Prime	
2765	1.39	28.0		Rheguard Prime	
2765	1.30	28.0		EMS-4600	
3046	1.34	29.5		Rheguard Prime	
3675	1.35	30.0		Rheguard Prime	
3692	1.34	27.0		Rheguard Prime	
3704	1.37	27.0		Rheguard Prime	