

**General information**

Wellbore name	25/10-16 B
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	25/10-16
Seismic location	DN1302M01. Inline 2594. crossline 1779
Production licence	028 B
Drilling operator	Aker BP ASA
Drill permit	1708-L
Drilling facility	MAERSK INTREPID
Drilling days	9
Entered date	10.08.2018
Completed date	18.08.2018
Plugged date	18.08.2018
Release date	18.08.2020
Publication date	18.08.2020
Purpose - planned	WILDCAT
Reentry	NO
Content	DRY
Discovery wellbore	NO
Kelly bushing elevation [m]	55.0
Water depth [m]	116.5
Total depth (MD) [m RKB]	4893.0
Final vertical depth (TVD) [m RKB]	2648.0
Maximum inclination [°]	77.6
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	8492



Wellbore history

General

Well 25/10-16 B is a geological side-track to 25/10-16 A. It was drilled to test the Slengfehøgda prospect east of the Hanz Discovery in the North Sea. The primary objective was to test the hydrocarbon potential in sandstones in the Draupne and Hugin formations.

Operations and results

Wildcat well 25/10-16 B was kicked off at 2670 m in wellbore 25/10-16 A on 10 August 2018. It was drilled with the jack-up installation Mærsk Intrepid to TD at 4893 m (2648 m TVD) in the Late Triassic Skagerrak Formation. Mud losses and gains due to well breathing occurred in the Hugin and Heimdal formations, otherwise operations proceeded without significant problems. The well was drilled with RheGuard oil-based mud from kick-off to TD.

A total of 335 m MD thickness of Draupne Formation was drilled from 4484 m (2366.4 m TVD) to 4819 m (2587 m TVD). The Draupne Formation consisted of silty claystone with numerous thin limestones and only occasional, very thin, and water wet and/or calcite cemented lenses of sand. Top Hugin Formation was penetrated at 4821 m and was proven to be a continuous sand of approximately 8-9 m thickness with good reservoir quality, but water wet. Four pressure points were acquired in the Hugin Formation, all of which confirmed a ca 16 bar depleted reservoir compared to the 25/10-8 Hanz discovery well. No hydrocarbon shows above the OBM signature were recorded in the cuttings returned to surface.

No cores were cut. No fluid sample was taken.

The well was permanently abandoned on 18 August 2018 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]
2680.00	4893.00

Cuttings available for sampling?	YES
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Lithostratigraphy

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



905	SKADE FM
1418	HORDALAND GP
2221	GRID FM
2472	HORDALAND GP
3091	ROGALAND GP
3091	BALDER FM
3321	SELE FM
3569	LISTA FM
3771	HEIMDAL FM
3927	LISTA FM
4050	VÅLE FM
4212	SHETLAND GP
4212	EKOFISK FM
4410	TOR FM
4485	VIKING GP
4485	DRAUPNE FM
4819	HEATHER FM
4821	VESTLAND GP
4821	HUGIN FM
4832	HEGRE GP
4832	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		4893.0	8 1/2	4893.0	0.00	

Drilling mud



Depth MD [m]	Mud weight [g/cm3]	Visc. [mPa.s]	Yield point [Pa]	Mud type	Date measured
2675	1.34	22.0		Rheguard Prime	
2765	1.39	28.0		Rheguard Prime	
3370	1.39	31.0		Rheguard Prime	
3718	1.39	28.0		Rheguard Prime	
4400	1.39	28.0		Rheguard Prime	
4691	1.39	28.0		Rheguard Prime	
4893	1.39	33.0		Rheguard Prime	
4893	1.37	30.0		Rheguard Prime	