

**General information**

Wellbore name	16/1-26 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	16/1-26 S
Well name	16/1-26
Seismic location	DN1302M01 E-W 1608 / DN1302M01 N-S 1364
Production licence	001 B
Drilling operator	Det norske oljeselskap ASA
Drill permit	1616-L
Drilling facility	MAERSK INTERCEPTOR
Drilling days	8
Entered date	17.04.2016
Completed date	24.04.2016
Release date	24.04.2018
Publication date	19.11.2018
Purpose - planned	APPRAISAL
Reentry	NO
Content	DRY
Discovery wellbore	NO
Kelly bushing elevation [m]	58.0
Water depth [m]	112.7
Total depth (MD) [m RKB]	4888.0
Final vertical depth (TVD) [m RKB]	3102.0
Maximum inclination [°]	66.5
Oldest penetrated age	MIDDLE JURASSIC
Oldest penetrated formation	SLEIPNER FM
Geodetic datum	ED50
NS degrees	58° 55' 20.15" N
EW degrees	2° 11' 53.03" E
NS UTM [m]	6531823.31
EW UTM [m]	453821.52
UTM zone	31
NPDID wellbore	7940



Wellbore history

General

Well 16/1-26 A is a geological sidetrack to well 16/1-26 S, both wells being drilled from the 16/1-D-9 West Cable oil producer well on the Ivar Aasen Platform in the North Sea. The objective for 16/1-26 A was to prove additional reserves in the southern part of the West Cable structure, west of the Ivar Aasen Field. West Cable is a Sleipner Formation oil discovery made by well 16/1-7 in 2004.

Operations and results

Appraisal well 16/1-26 A was kicked off from 16/1-26 S at 2925 m (1893.1 m TVD) on the 17 April 2016. It was drilled with the jack-up installation Mærsk Interceptor to TD at 4888 m (3102 m TVD) m in the Middle Jurassic Sleipner Formation. The well is highly deviated with drilled inclination dropping from ca 60° at kick-off to ca 31° at TD. No significant problem was encountered in the operations. The well was drilled with Versatec oil based mud all through.

Top Sleipner Formation was encountered at 4710 m (2959.2 m TVD, 2901.2 m MSL), above the OWC at 2940 m MSL in 16/1-7 Cable West. The Sleipner Formation contained approximately 75 metres TVD of sandstone with moderate to good reservoir properties, but the reservoir was proven to be entirely water bearing. No oil shows were recorded in this well.

No cores were cut. No fluid sample was taken.

The well was permanently abandoned on 24 April as a dry 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]
2950.00	4888.00

Cuttings available for sampling?	YES
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Lithostratigraphy

Top depth [mMD RKB]	Lithostrat. unit
170	NORDLAND GP
170	UNDIFFERENTIATED
800	UTSIRA FM
863	UNDIFFERENTIATED



1047	HORDALAND GP
1047	SKADE FM
1492	UNDIFFERENTIATED
2368	GRID FM
2560	UNDIFFERENTIATED
3220	ROGALAND GP
3220	BALDER FM
3312	SELE FM
3410	LISTA FM
3506	HEIMDAL FM
3679	LISTA FM
3851	VÅLE FM
4000	SHETLAND GP
4000	TOR FM
4131	CROMER KNOLL GP
4131	ÅSGARD FM
4135	VIKING GP
4135	DRAUPNE FM
4601	HEATHER FM
4710	VESTLAND GP
4710	SLEIPNER FM

Logs

Log type	Log top depth [m]	Log bottom depth [m]
MWD - GR RES PWD DIR	170	2807
MWD - GR RES PWD NEU DEN FPWD FS	2807	4888

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	26	196.3	32	206.5	0.00	
SURF.COND.	18 5/8	547.9	24	554.0	0.00	
INTERM.	13 3/8	2792.5	16	2807.0	1.66	FIT
OPEN HOLE		4888.0	8 1/2	4888.0	0.00	

**Drilling mud**

Depth MD [m]	Mud weight [g/cm ³]	Visc. [mPa.s]	Yield point [Pa]	Mud type	Date measured
2867	1.44	48.0		Versatec OBM	
3137	1.44	43.0		Versatec OBM	
3553	1.44	40.0		Versatec OBM	
4213	1.44	45.0		Versatec OBM	
4859	1.44	43.0		Versatec OBM	
4888	1.44	45.0		Versatec OBM	