



Generell informasjon

Brønnbane navn	16/1-26 S
Type	EXPLORATION
Formål	WILDCAT
Status	P&A
Pressemelding	lenke til pressemelding
Faktakart i nytt vindu	lenke til kart
Hovedområde	NORTH SEA
Funn	16/1-26 S
Brønn navn	16/1-26
Seismisk lokalisering	DN13M02-1370(N-S)/DN13M02-1518(W-E)
Utvinningstillatelse	001 B
Boreoperatør	Det norske oljeselskap ASA
Boretillatelse	1612-L
Boreinnretning	MAERSK INTERCEPTOR
Boredager	11
Borestart	03.04.2016
Boreslutt	14.04.2016
Frigitt dato	14.04.2018
Publiseringsdato	14.04.2018
Opprinnelig formål	APPRAISAL
Gjenåpnet	NO
Innhold	OIL/GAS
Funnbrønnbane	YES
1. nivå med hydrokarboner, alder	LATE JURASSIC
1. nivå med hydrokarboner, formasjon.	INTRA DRAUPNE FM SS
Avstand, boredekk - midlere havflate [m]	58.0
Vanndybde ved midlere havflate [m]	112.7
Totalt målt dybde (MD) [m RKB]	5330.0
Totalt vertikalt dybde (TVD) [m RKB]	2979.0
Maks inklinasjon [°]	66
Eldste penetrerte alder	LATE TRIASSIC
Eldste penetrerte formasjon	SKAGERRAK FM
Geodetisk datum	ED50
NS grader	58° 55' 20.15" N
ØV grader	2° 11' 53.03" E



NS UTM [m]	6531823.31
ØV UTM [m]	453821.52
UTM sone	31
NPDID for brønnbanen	7915

Brønnhistorie

General

Well 16/1-26 S was drilled deviated from the 16/1-D-9 West Cable oil producer well on the Ivar Aasen Platform in the North Sea. The objective 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

Exploration well 16/1-26 S was drilled from below the 13 3/8 casing shoe at 2792.5 m in producer well 16/1-D-9. Spud date for the exploration well was 3 April 2016. The well was drilled with the jack-up installation Mærsk Interceptor to TD at 5330 m (2979 m TVD) in the Late Triassic Skagerrak Formation. The well is highly deviated with a deviation of ca 63 ° all through. No significant problem was encountered in the operations. The well was drilled with Versatec oil based mud all through.

Well 16/1-26 S encountered gas and oil in two Intra-Draupne Formation Sandstone units. Top of the upper sandstone is at 4726.2 m (2713.4 m TVD). The two sands are indicated not to be in pressure communication. The upper sand is gas-filled, while the lower, with top at 4754 m (2725 m TVD) contain oil down to a lithological contact at 4773 m (2731 m TVD) and with a possible 1-metre gas cap on top. The underlying sandstones of the Statfjord Group and Skagerrak Formation are water wet. No Middle Jurassic sediments are present in the well.

No cores were cut. No fluid sample was taken.

The well was permanently abandoned on 14 April 2018 as an oil and gas discovery

Testing

No drill stem test was performed.

Borekaks i Sokkeldirektoratet

Borekaksprøve, topp dybde [m]	Borekaksprøve, bunn dybde [m]
2830.00	5330.00

Borekaks tilgjengelig for prøvetaking?	YES
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Litostratigrafi



Topp Dyb [mMD RKB]	Litostrat. enhet
170	NORDLAND GP
170	UNDIFFERENTIATED
800	UTSIRA FM
863	UNDIFFERENTIATED
1047	HORDALAND GP
1047	SKADE FM
1492	UNDIFFERENTIATED
2368	GRID FM
2560	UNDIFFERENTIATED
3253	ROGALAND GP
3253	BALDER FM
3356	SELE FM
3470	LISTA FM
3547	HEIMDAL FM
3798	LISTA FM
3975	VÅLE FM
4119	SHETLAND GP
4119	TOR FM
4306	CROMER KNOLL GP
4306	UNDIFFERENTIATED
4331	VIKING GP
4331	DRAUPNE FM
4787	HEATHER FM
4834	UNDIFFERENTIATED
4835	STATFJORD GP
4896	HEGRE GP
4896	SKAGERRAK FM

Logger

Type logg	Topp dyp for logg [m]	Bunn dyp for logg [m]
MWD LWD - GR RES PWD DIR	170	2807
MWD LWD - CAL DIR VSP FSWD	2807	5330
MWD LWD - GR RES PWD DEN NEU -	2807	5330

Foringsrør og formasjonsstyrketester



Type utforing	Utforing diam. [tommer]	Utforing dybde [m]	Brønnbane diam. [tommer]	Brønnbane dyp [m]	LOT/FIT slam eqv. [g/cm3]	Type formasjonstest
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		5330.0	8 1/2	5330.0	0.00	

Boreslam

Dybde MD [m]	Egenvekt, slam [g/cm3]	Viskositet, slam [mPa.s]	flytegrense [Pa]	Type slam	Dato, måling
400	1.44	40.0		Versatec OBM	
2717	1.44	40.0		Versatec OBM	
2807	1.46	47.0		Versatec OBM	
3002	1.44	47.0		Versatec OBM	
3838	1.44	44.0		Versatec OBM	
4069	1.44	40.0		Versatec OBM	
4445	1.44	45.0		Versatec OBM	
5020	1.44	43.0		Versatec OBM	
5265	1.44	42.0		Versatec OBM	
5330	1.44	40.0		Versatec OBM	