



Generell informasjon

Brønnbane navn	25/10-16 A
Type	EXPLORATION
Formål	APPRAISAL
Status	P&A
Pressemelding	lenke til pressemelding
Faktakart i nytt vindu	lenke til kart
Hovedområde	NORTH SEA
Felt	HANZ
Funn	25/10-8 Hanz
Brønn navn	25/10-16
Seismisk lokalisering	DN1302M01. Inline 2594. crossline 1779
Utvinningstillatelse	028 B
Boreoperatør	Aker BP ASA
Boretillatelse	1707-L
Boreinnretning	MAERSK INTREPID
Boredager	10
Borestart	31.07.2018
Boreslutt	09.08.2018
Plugget dato	09.08.2018
Frigitt dato	09.08.2020
Publiseringsdato	09.08.2020
Opprinnelig formål	APPRAISAL
Gjenåpnet	NO
Innhold	GAS
Funnbrønnbane	NO
1. nivå med hydrokarboner, alder	MIDDLE JURASSIC
1. nivå med hydrokarboner, formasjon.	HUGIN FM
Avstand, boredekk - midlere havflate [m]	55.0
Vanndybde ved midlere havflate [m]	116.5
Totalt målt dybde (MD) [m RKB]	3704.0
Totalt vertikalt dybde (TVD) [m RKB]	2592.0
Maks inklinasjon [°]	60.3
Eldste penetrerte alder	LATE TRIASSIC
Eldste penetrerte formasjon	SKAGERRAK FM
Geodetisk datum	ED50
NS grader	59° 2' 13.13" N



ØV grader	2° 13' 41.38" E
NS UTM [m]	6544576.65
ØV UTM [m]	455702.05
UTM sone	31
NPDID for brønnbanen	8491

Brønnhistorie

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.

Borekaks i Sökkeldirektoratet

Borekaksprøve, topp dybde [m]	Borekaksprøve, bunn dybde [m]
570.00	3704.00

Borekaks tilgjengelig for prøvetaking?	YES
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Litostratigrafi



Topp Dyb [mMD RKB]	Litostrat. enhet
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

Logger

Type logg	Topp dyp for logg [m]	Bunn dyp for logg [m]
LWD - GR RES NEU DEN FPWD	2673	4405

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	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	

Boreslam

Dybde MD [m]	Egenvekt, slam [g/cm3]	Viskositet, slam [mPa.s]	Flytegrense [Pa]	Type slam	Dato, måling
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	