



Generell informasjon

Brønnbane navn	25/2-18 C
Type	EXPLORATION
Formål	APPRAISAL
Status	P&A
Pressemelding	lenke til pressemelding
Faktakart i nytt vindu	lenke til kart
Hovedområde	NORTH SEA
Felt	HUGIN
Funn	25/2-18 S (Langfjellet)
Brønn navn	25/2-18
Seismisk lokalisering	DN13303-04010. SP 1295 / DN13303-02005. SP 1214
Utvinningstillatelse	442
Boreoperatør	Aker BP ASA
Boretillatelse	1642-L
Boreinnretning	MAERSK INTERCEPTOR
Boredager	18
Borestart	31.10.2016
Boreslutt	17.11.2016
Frigitt dato	17.11.2018
Publiseringsdato	17.11.2018
Opprinnelig formål	APPRAISAL
Gjenåpnet	NO
Innhold	OIL
Funnbrønnbane	NO
1. nivå med hydrokarboner, alder	MIDDLE JURASSIC
1. nivå med hydrokarboner, formasjon.	HUGIN FM
2. nivå med hydrokarboner, alder	EARLY JURASSIC
2. nivå med hydrokarboner, formasjon	SLEIPNER FM
Avstand, boredekk - midlere havflate [m]	55.0
Vanndybde ved midlere havflate [m]	121.0
Totalt målt dybde (MD) [m RKB]	4369.0
Totalt vertikalt dybde (TVD) [m RKB]	4029.0
Maks inklinasjon [°]	36.8
Temperatur ved bunn av brønnbanen [°C]	133



Eldste penetrerte alder	EARLY JURASSIC
Eldste penetrerte formasjon	DRAKE FM
Geodetisk datum	ED50
NS grader	59° 49' 30.11" N
ØV grader	2° 37' 54.1" E
NS UTM [m]	6632137.57
ØV UTM [m]	479347.43
UTM sone	31
NPDID for brønnbanen	8061

Brønnhistorie

Wellbore history

Well 25/2-18 C is the third geological sidetrack to well 25/2-10 S, located on the Bjørgvin Arch, four kilometers south of the 25/2-10 S (Frigg Gamma Delta) oil/gas discovery and eight kilometers north of the Frøy field in the North Sea. The 25/2-18 S well and the first sidetrack proved oil in the Middle Jurassic Hugin Formation, the Langfjellet prospect. The second sidetrack, 25/2-18 B was dry. The sidetrack 25/2-18 C was drilled to the west of the main wellbore, located in a separate segment of the Langfjellet structure. Objective for sidetrack 25/2-18 C was to test the hydrocarbon potential in Hugin and Sleipner Formations.

Operations and results

Appraisal well 25/2-18 C was kicked off at 1575 m in the main well bore on 31 October 2016. It was drilled with the jack-up installation Mærsk Interceptor to TD at 4369 m (4029 m TVD) m in the Early Jurassic Drake Formation. No significant problem was encountered in the operations. The well was drilled with Versatec oil based mud from kick-off to TD.

Top Hugin Formation was encountered at 3887 m (3563.4 m TVD) and top Sleipner Formation at 4029 m (3700.4 m TVD). A 137 m TVD gross oil column within in the Hugin Formation was proven in the well with an oil-down-to contact at 4028 m (3699 m TVD). In addition, a condensate column was encountered within the Sleipner Formation with a condensate-water contact 4184.6 m (3850.8 m TVD). This gives gross column of 16 m within the Sleipner Formation. There were no reliable oil show above the OBM in the well.

No conventional cores were cut. MDT fluid samples were taken at 3891.54 m (oil), 3891.55 m (oil), 3941.56 m (oil), 3963.21 m (water and OBM filtrate), 3983.14 m, and 4178.8 m (condensate).

The well was permanently abandoned on 17 November 2016 as an oil appraisal well.

Testing

No drill stem test was performed.



Borekaks i Sokkeldirektoratet

Borekaksprøve, topp dybde [m]	Borekaksprøve, bunn dybde [m]
1540.00	4369.00
Borekaks tilgjengelig for prøvetaking?	YES

Litostratigrafi

Topp Dyb [mMD RKB]	Litostrat. enhet
171	NORDLAND GP
506	UTSIRA FM
642	HORDALAND GP
642	SKADE FM
1446	UNDEFINED GP
1542	HORDALAND GP
2149	ROGALAND GP
2149	BALDER FM
2244	SELE FM
2308	HERMOD FM
2366	LISTA FM
2647	VÅLE FM
2755	SHETLAND GP
2755	EKOFISK FM
2781	HARDRÅDE FM
3073	KYRRE FM
3342	TRYGGVASON FM
3509	BLODØKS FM
3517	SVARTE FM
3559	RØDBY FM
3612	SOLA FM
3647	ÅSGARD FM
3663	VIKING GP
3663	DRAUPNE FM
3772	HEATHER FM
3887	VESTLAND GP
3887	HUGIN FM
4029	SLEIPNER FM
4301	DUNLIN GP



4301	DRAKE FM
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Logger

Type logg	Topp dyp for logg [m]	Bunn dyp for logg [m]
LWD - DI GR RES PWD NEU DEN SIG	1575	4369
MDT PRESS SAMP TRANSTEST	3891	4237
RES DEN NEU IM GR	1535	4325

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	30	214.0	36	214.0	0.00	
SURF.COND.	20	444.5	26	450.0	1.32	LOT
PILOT HOLE		450.0	9 7/8	450.0	0.00	
SURF.COND.	13 3/8	1533.5	16	1541.0	1.58	FIT
OPEN HOLE		4369.0	8 1/2	4369.0	0.00	

Boreslam

Dybde MD [m]	Egenvekt, slam [g/cm3]	Viskositet, slam [mPa.s]	Flytegrense [Pa]	Type slam	Dato, måling
2351	1.30	31.0		Versatec	
3988	1.30	27.0		Versatec	
4369	0.92			Versatec	
4369	1.30	28.0		Versatec	