



Generell informasjon

Brønnbane navn	24/9-10 A
Type	EXPLORATION
Formål	APPRAISAL
Status	P&A
Pressemelding	lenke til pressemelding
Faktakart i nytt vindu	lenke til kart
Hovedområde	NORTH SEA
Funn	24/9-10 S (Caterpillar)
Brønn navn	24/9-10
Seismisk lokalisering	DG D15& D58
Utvinningstillatelse	340 BS
Boreoperatør	Marathon Petroleum Norge AS
Boretillatelse	1345-L
Boreinnretning	TRANSOCEAN WINNER
Boredager	18
Borestart	03.02.2011
Boreslutt	20.02.2011
Frigitt dato	20.02.2013
Publiseringsdato	20.02.2013
Opprinnelig formål	APPRAISAL
Gjenåpnet	NO
Innhold	OIL
Funnbrønnbane	NO
1. nivå med hydrokarboner, alder	LATE PALEOCENE
1. nivå med hydrokarboner, formasjon.	HERMOD FM
Avstand, boredekk - midlere havflate [m]	26.0
Vanndybde ved midlere havflate [m]	119.0
Totalt målt dybde (MD) [m RKB]	2900.0
Totalt vertikalt dybde (TVD) [m RKB]	2138.0
Maks inklinasjon [°]	73.9
Eldste penetrerte alder	LATE PALEOCENE
Eldste penetrerte formasjon	LISTA FM
Geodetisk datum	ED50
NS grader	59° 16' 34.73" N
ØV grader	1° 55' 36.13" E
NS UTM [m]	6571465.01



ØV UTM [m]	438830.01
UTM sone	31
NPDID for brønnbanen	6560

Brønnhistorie

Wellbore history

General

Well 24/9-10 A is a geologic sidetrack to well 24/9-10 S on the Caterpillar prospect ca 7.5 km south-southeast of the Bøyla field in the South Viking Graben. The primary well bore 24/9-10 S found oil in the Late Paleocene Hermod Formation. The sidetrack 24/9-10 A was drilled to further delineate and evaluate the economic resource potential in this discovery.

Operations and results

Well 24/9-10 A was kicked off from the 24/9-10 S wellbore at 1408 m in undifferentiated Hordaland Group on 3 February 2011. The well was drilled with the semi-submersible installation Transocean Winner to TD at 2900 m (2138 m TVD). No significant problems were encountered in the operations. The well was drilled with Versatec OBM from kick-off to TD.

The Sele Formation had no reservoir quality intervals; it was predominantly claystone, calcareous in parts. The Hermod Formation came in at 2799 (2064 m TVD) and had 36.5 m (MD) of reservoir quality sands, with predominantly fine occasionally medium quartz aggregate, some calcite cemented stringers and non net shale beds. Average porosity in the reservoir of 24.9% was determined from the density log. An OWC was interpreted at 2850 m (2114 m TVD). A total of 31.9 m (15.3 m TVD) of movable hydrocarbons with an average net water saturation of 33.2% was interpreted within the Hermod Formation. The oil based mud masked any true oil shows on cuttings from the well.

No cores were cut and no wire line fluid samples were taken.

The well was permanently abandoned on 20 February 2011 as an oil appraisal well.

Testing

No drill stem test was performed.

Borekaks i Sokkeldirektoratet



Borekaksprøve, topp dybde [m]	Borekaksprøve, bunn dybde [m]
1430.00	2900.00

Borekaks tilgjengelig for prøvetaking?	YES
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Litostratigrafi

Topp Dyb [mMD RKB]	Litostrat. enhet
144	NORDLAND GP
447	UTSIRA FM
867	HORDALAND GP
1248	GRID FM
2514	ROGALAND GP
2514	BALDER FM
2740	SELE FM
2799	HERMOD FM
2881	LISTA FM

Logger

Type logg	Topp dyp for logg [m]	Bunn dyp for logg [m]
MWD - PDX	1408	2900

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
OPEN HOLE		2900.0	9 1/2	2900.0	1.55	LOT