



Generell informasjon

Brønnbane navn	25/4-10 A
Type	EXPLORATION
Formål	WILDCAT
Status	P&A
Pressemelding	lenke til pressemelding
Faktakart i nytt vindu	lenke til kart
Hovedområde	NORTH SEA
Funn	25/4-10 A
Brønn navn	25/4-10
Seismisk lokalisering	MN-0504-D003 & MN-0504-D008A
Utvinningstillatelse	203
Boreoperatør	Marathon Petroleum Norge AS
Boretillatelse	1285-L
Boreinnretning	TRANSOCEAN WINNER
Boredager	18
Borestart	11.11.2009
Boreslutt	28.11.2009
Frigitt dato	28.11.2011
Publiseringsdato	28.11.2011
Opprinnelig formål	WILDCAT
Gjenåpnet	NO
Innhold	GAS
Funnbrønnbane	YES
1. nivå med hydrokarboner, alder	PALEOCENE
1. nivå med hydrokarboner, formasjon.	HEIMDAL FM
Avstand, boredekk - midlere havflate [m]	26.0
Vanndybde ved midlere havflate [m]	123.0
Totalt målt dybde (MD) [m RKB]	2550.0
Totalt vertikalt dybde (TVD) [m RKB]	2191.0
Maks inklinasjon [°]	42.6
Eldste penetrerte alder	PALEOCENE
Eldste penetrerte formasjon	HEIMDAL FM
Geodetisk datum	ED50
NS grader	59° 30' 51.43" N
ØV grader	2° 0' 13.78" E
NS UTM [m]	6597895.93



ØV UTM [m]	443621.94
UTM sone	31
NPDID for brønnbanen	6255

Brønnhistorie

General

Well 25/4-10 A is a geological sidetrack to 25/4-10 S in the Vana Sub-basin in the North Sea. Well 25/4-10 S proved a minor oil discovery in Hermod Formation injection sands. The objective of the sidetrack was to test the South Kneler prospect in Heimdal Formation turbidite fans between the Kneler oil field to the north, and the Gekko gas discovery to the east.

Operations and results

Wildcat well 25/4-10 A was drilled with the semi-submersible installation Transocean Winner. It was kicked off from 816 m in the primary well on 11 November 2009 and drilled to TD at 2550 m (2193 m TVD) in the Paleocene Heimdal Formation. The well was drilled with Versatec OBM from kick-off to TD.

The Sele Formation came in at 2323m (1993 m TVD) and the Heimdal Formation at 2476 m (2108 m TVD). The sidetrack well encountered gas in two sandstone layers which were six metres thick in total in the Lista Formation. The reservoir rock was significantly thinner than expected. Oil shows in the well, if any, were masked by the oil based mud.

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

The well was permanently abandoned on 28 November 2009 as a minor gas discovery.

Testing

No drill stem test was performed.

Borekaks i Sokkeldirektoratet

Borekaksprøve, topp dybde [m]	Borekaksprøve, bunn dybde [m]
810.00	2550.00

Borekaks tilgjengelig for prøvetaking?	YES
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Litostratigrafi

Topp Dyb [mMD RKB]	Litostrat. enhet
149	NORDLAND GP
429	UTSIRA FM
706	HORDALAND GP



1274	GRID FM
1387	NO FORMAL NAME
2183	ROGALAND GP
2183	BALDER FM
2322	SELE FM
2389	LISTA FM
2444	NO FORMAL NAME
2453	NO FORMAL NAME
2476	HEIMDAL FM

Logger

Type logg	Topp dyp for logg [m]	Bunn dyp for logg [m]
MWD LWD - NBGR GR ECD DENS CAL..	816	2550
MWD LWD - RES NEU DIR SON	816	2550

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		2550.0	9 1/2	2550.0	0.00	LOT

Boreslam

Dybde MD [m]	Egenvekt, slam [g/cm3]	Viskositet, slam [mPa.s]	Flytegrense [Pa]	Type slam	Dato, måling
883	1.37	35.0		wvjobreportmudch k.com	
1232	1.37	30.0		wvjobreportmudch k.com	
2165	1.39	30.0		wvjobreportmudch k.com	
2550	1.39	29.0		wvjobreportmudch k.com	