



Generell informasjon

Brønnbane navn	2/9-5 S
Type	EXPLORATION
Formål	WILDCAT
Status	P&A
Pressemelding	lenke til pressemelding
Faktakart i nytt vindu	lenke til kart
Hovedområde	NORTH SEA
Brønn navn	2/9-5
Seismisk lokalisering	MC3D-CGR2010 inline 2586 & xline 4581
Utvinningstillatelse	494
Boreoperatør	Det norske oljeselskap ASA
Boretillatelse	1487-L
Boreinnretning	MÆRSK GIANT
Boredager	60
Borestart	21.07.2014
Boreslutt	18.09.2014
Frigitt dato	18.09.2016
Publiseringsdato	18.09.2016
Opprinnelig formål	WILDCAT
Gjenåpnet	NO
Innhold	DRY
Funnbrønnbane	NO
Avstand, boredekk - midlere havflate [m]	43.0
Vanndybde ved midlere havflate [m]	65.0
Totalt målt dybde (MD) [m RKB]	3679.0
Totalt vertikalt dybde (TVD) [m RKB]	3660.0
Maks inklinasjon [°]	11.8
Eldste penetrerte alder	PRE-DEVONIAN
Eldste penetrerte formasjon	BASEMENT
Geodetisk datum	ED50
NS grader	56° 24' 45.5" N
ØV grader	3° 55' 6.08" E
NS UTM [m]	6252523.92
ØV UTM [m]	556665.92
UTM sone	31
NPDID for brønnbanen	7502



Brønnhistorie

General

Well 2/9-5 S is located between the Piggvar Terrace in the west and the Mandal High in the east, in the Norwegian part of the Central Graben. The primary objective was to test the hydrocarbon potential in the Heimdalshø prospect in Late Jurassic sandstones. Secondary objective was possible pre-Jurassic Rotliegendes Group sandstones.

Operations and results

Wildcat well 2/9-5 S was spudded with the jack-up installation Mærsk Giant on 21 July 2014 and drilled to TD at 3679 m (3660 m TVD) in basement rock. No significant problem was encountered in the operations. The well was drilled with seawater down to 810 m and with Innovert NS oil based mud from 810 m to TD.

The upper Jurassic Tyne Group was penetrated at 3430 m. Neither the primary nor the secondary reservoir targets were present in the well, apart from a 4 m thick water-bearing sandstone at the Jurassic/Cretaceous boundary. Only minor shows were described in the well, all of them similar to the oil base in the mud.

No cores were cut and no fluid sample was taken.

The well was permanently abandoned on 18 November 2014 as a dry well.

Testing

No drill stem test was performed.

Borekaks i Sokkeldirektoratet

Borekaksprøve, topp dybde [m]	Borekaksprøve, bunn dybde [m]
820.00	3679.00

Borekaks tilgjengelig for prøvetaking?	YES
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Litostratigrafi

Topp Dyb [mMD RKB]	Litostrat. enhet
108	NORDLAND GP
108	UNDIFFERENTIATED
1563	HORDALAND GP
1563	UNDIFFERENTIATED
2845	ROGALAND GP
2845	BALDER FM
2864	SELE FM



2896	LISTA FM
2934	VÅLE FM
2944	SHETLAND GP
2944	EKOFISK FM
3021	TOR FM
3312	HOD FM
3430	TYNE GP
3430	FARSUND FM
3547	ZECHSTEIN GP
3556	ROTLIEGEND GP
3671	BASEMENT

Logger

Type logg	Topp dyp for logg [m]	Bunn dyp for logg [m]
HR SCT	3339	3585
MWD - EWR-P4 DGR XBAT ALD CTN FT	3361	3587
MWD - EWR-P4 DGR XBAT ALD CTN PW	1807	3679
MWD - EWR-P4 DGR XBAT PWD DIR	170	1807
MWD - PWD DIR	554	803
RDT	3431	3556
VSP	1785	3580
WSTT	2860	3585

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	170.7	36	170.7	0.00	
SURF.COND.	20	798.5	26	810.0	1.49	LOT
INTERM.	13 3/8	1800.6	16	1807.0	1.32	FIT
INTERM.	9 5/8	3352.5	12 1/4	3361.0	1.90	FIT
OPEN HOLE		3679.0	8 1/2	3679.0	0.00	

Boreslam



Dybde MD [m]	Egenvekt, slam [g/cm3]	Viskositet, slam [mPa.s]	Fløtegrense [Pa]	Type slam	Dato, måling
810	1.10			WATER BASED	
813	1.30			OIL BASED	
1250	1.45			OIL BASED	
1810	1.46			OIL BASED	
3352	1.65			OIL BASED	
3587	1.74			OIL BASED	