



Generell informasjon

Brønnbane navn	35/9-9
Type	EXPLORATION
Formål	WILDCAT
Status	P&A
Pressemelding	lenke til pressemelding
Faktakart i nytt vindu	lenke til kart
Hovedområde	NORTH SEA
Brønn navn	35/9-9
Seismisk lokalisering	ST0703-inline 1861 & xline 2389
Utvinningstillatelse	153
Boreoperatør	GDF SUEZ E&P Norge AS
Boretillatelse	1477-L
Boreinnretning	TRANSOCEAN BARENTS
Boredager	44
Borestart	04.10.2013
Boreslutt	18.11.2013
Frigitt dato	18.11.2015
Publiseringsdato	18.11.2015
Opprinnelig formål	WILDCAT
Gjenåpnet	NO
Innhold	DRY
Funnbrønnbane	NO
Avstand, boredekk - midlere havflate [m]	40.0
Vanndybde ved midlere havflate [m]	360.0
Totalt målt dybde (MD) [m RKB]	3339.0
Totalt vertikalt dybde (TVD) [m RKB]	3338.0
Maks inklinasjon [°]	5.3
Eldste penetrerte alder	TRIASSIC
Geodetisk datum	ED50
NS grader	61° 24' 12.72" N
ØV grader	3° 56' 0.48" E
NS UTM [m]	6808254.89
ØV UTM [m]	549846.90
UTM sone	31
NPDID for brønnbanen	7257



Brønnhistorie

General

Well 35/9-9 was drilled just north-northwest of the Gjøa Field on the Måløy Slope in the North Sea. The primary objectives of the well were to investigate the presence, quality and hydrocarbon potential of Late Jurassic Intra Heather Formation sandstones (Fensfjord and Krossfjord Formation Eq.). Secondary objectives were to test the reservoir presence and quality down to the acoustic/seismic basement, targeting the Jurassic Brent Group (Ness and Etive formations).

Operations and results

Wildcat well 35/9-9 was spudded with the semi-submersible installation Transocean Barents on 4 October 2013 and drilled to TD at 3339 m in undifferentiated Triassic sediments. A 9 7/8" pilot hole was drilled to 1105 m. Shallow water was encountered at 592 to 641 m, but no shallow gas was observed. A total of 151 hours no production time was experienced mainly due to hole and equipment problems with the 20" casing. Another 157 hours were lost due to bad weather (wait on weather). The well was drilled with seawater and hi-vis sweeps down to 464 m and with Glydril mud from 464 m to TD.

Reservoir quality sands were penetrated Fensfjord, Ness, Etive, and Cook formations. All were water bearing. Only weak shows were described: Weak fluorescent cut on Sandstone in the Fensfjord Etive formations and weak crush cut fluorescence in the Cook Formation.

No cores were cut and no fluid samples were taken.

The well was permanently abandoned on 18 November 2013 as a dry well.

Testing

No drill stem test was performed.

Borekaks i Sokkeldirektoratet

Borekaksprøve, topp dybde [m]	Borekaksprøve, bunn dybde [m]
1110.00	3339.00

Borekaks tilgjengelig for prøvetaking?	YES
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Litostratigrafi

Topp Dyb [mMD RKB]	Litostrat. enhet
400	NORDLAND GP
400	UNDIFFERENTIATED
592	HORDALAND GP
592	UNDIFFERENTIATED



658	ROGALAND GP
658	BALDER FM
688	SELE FM
816	LISTA FM
1110	VÅLE FM
1350	SHETLAND GP
1350	JORSALFARE FM
1397	KYRRE FM
2173	TRYGGVASON FM
2351	CROMER KNOLL GP
2351	BLODØKS FM
2366	SVARTE FM
2478	RØDBY FM
2538	ÅSGARD FM
2602	VIKING GP
2602	FENSFJORD FM
2848	KROSSFJORD FM
2943	HEATHER FM
3036	BRENT GP
3036	NESS FM
3065	ETIVE FM
3092	RANNOCH FM
3118	DUNLIN GP
3118	DRAKE FM
3128	COOK FM
3171	BURTON FM
3180	AMUNDSEN FM
3226	UNDIFFERENTIATED
3237	UNDEFINED GP

Logger

Type logg	Topp dyp for logg [m]	Bunn dyp for logg [m]
LWD - DI PR GR RES	464	1143
LWD - DI PR GR RES ARC DTSON	464	1105
LWD - DI PR GR RES NEU DEN SON F	2493	3339
LWD - DI PR RES GR SON DEN NEU	1143	2493
LWD - DIR	400	464



MDT GR	2623	3275
VSI EDTC GR	1823	3320

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	459.5	36	564.0	0.00	
SURF.COND.	20	1092.0	26	1103.0	1.43	LOT
PILOT HOLE		1105.0	9 7/8	1105.0	0.00	
OPEN HOLE		1142.0	17 1/2	1142.0	0.00	
INTERM.	9 5/8	2488.0	12 1/4	2493.0	1.75	FIT
OPEN HOLE		3339.0	8 1/2	3339.0	0.00	

Boreslam

Dybde MD [m]	Egenvekt, slam [g/cm3]	Viskositet, slam [mPa.s]	Flytegrense [Pa]	Type slam	Dato, måling
390	1.24	15.0		Glydril	
464	1.04			Spud Mud	
1098	1.34	12.0		Glydril	
1263	1.24	14.0		Glydril	
2339	1.29	16.0		Glydril	
2493	1.24	16.0		Glydril	
3320	1.29	15.0		Glydril	