



Generell informasjon

Brønnbane navn	7228/1-1
Type	EXPLORATION
Formål	WILDCAT
Status	P&A
Pressemelding	lenke til pressemelding
Faktakart i nytt vindu	lenke til kart
Hovedområde	BARENTS SEA
Brønn navn	7228/1-1
Seismisk lokalisering	Survey BG0804.inline 1949 & xline 2736
Utvinningstillatelse	396
Boreoperatør	Norwegian Energy Company ASA
Boretillatelse	1397-L
Boreinnretning	TRANSOCEAN BARENTS
Boredager	29
Borestart	29.03.2012
Boreslutt	26.04.2012
Frigitt dato	15.03.2013
Publiseringsdato	15.03.2013
Opprinnelig formål	WILDCAT
Gjenåpnet	NO
Innhold	DRY
Funnbrønnbane	NO
Avstand, boredekk - midlere havflate [m]	40.0
Vanndybde ved midlere havflate [m]	351.0
Totalt målt dybde (MD) [m RKB]	1714.0
Totalt vertikalt dybde (TVD) [m RKB]	1711.5
Maks inklinasjon [°]	7.9
Eldste penetrerte alder	MIDDLE TRIASSIC
Eldste penetrerte formasjon	KOBBE FM
Geodetisk datum	ED50
NS grader	72° 51' 0.92" N
ØV grader	28° 18' 55.19" E
NS UTM [m]	8084472.59
ØV UTM [m]	543289.80
UTM sone	35
NPDID for brønnbanen	6820



Brønnhistorie

General

Well 7228/1-1 was drilled on the Eik Prospect in the Barents Sea on the eastern border of the Bjarmeland Platform. The Eik prospect is a salt-induced structure located close to the northern part of the Nyslepp Fault Complex, which separates the Bjarmeland Platform from the Nordkapp Basin. The main target was the Early Jurassic - Late Triassic sandstones contained in the Kapp Toscana Group. Secondary Targets were Late Triassic Intra-Snadd Formation sandstone and sandstones in the Middle Triassic Kobbe Formation.

Operations and results

Wildcat well 7228/1-1 was spudded with the semi-submersible installation Transocean Barents on 29 March 2012 and drilled to TD at 1714 m in the Middle Triassic Kobbe Formation. No significant problem was encountered in the operations. The well was drilled with seawater and hi-vis pills down to 755 m and with Glydril mud from 755 m to TD.

Good quality reservoir sandstones were found in the Kapp Toscana Group (Nordmela, Tubåen, and Fruholmen formations); 100 m net reservoir in total. The Intra Snadd sand secondary target had 32 m of net reservoir with very good porosities. Only poor reservoir intervals were found within the Kobbe Formation, with low net to gross values and low porosities. None of the reservoir intervals were hydrocarbon-bearing. Weak Shows were reported from cuttings evaluation over Tubåen and Fruholmen sands from 976 m to 1092 m. The shows were described as fair spotty yellow direct fluorescence, very slow dull blue white fluorescence cut, no visible cut and fair dull blue white residual ring. No shows were observed below Fruholmen Formation. No bottom hole temperature at final TD is given on the fact pages, due to no reliable downhole temperature obtained.

No cores were cut. A dry case wire line logging program was performed. No wire line fluid samples were taken.

The well was permanently abandoned on 26 April 2012 as a dry well.

Testing

No drill stem test was performed.

Borekaks i Sokkeldirektoratet

Borekaksprøve, topp dybde [m]	Borekaksprøve, bunn dybde [m]
765.00	1714.00

Borekaks tilgjengelig for prøvetaking?	YES
--	-----

Litostratigrafi



Topp Dyb [mMD RKB]	Litostrat. enhet
391	NORDLAND GP
391	UNDIFFERENTIATED
416	ADVENTDALEN GP
416	KOLMULE FM
843	KNURR FM
881	HEKKINGEN FM
928	FUGLEN FM
967	KAPP TOSCANA GP
967	NORDMELA FM
974	TUBÅEN FM
1034	FRUHOLMEN FM
1137	SNADD FM
1513	SASSENDALEN GP
1513	KOBBE FM

Geokjemisk informasjon

Dokument navn	Dokument format	Dokument størrelse [KB]
6820 01 7228 1 1 gch transfer 1	txt	0.00
6820 02 7228 1 1 gch results 1	txt	0.02

Logger

Type logg	Topp dyp for logg [m]	Bunn dyp for logg [m]
MWD - DIR INC	392	459
MWD - GR RES SON DEN NEU	459	1714
PEX HRLA MSIP XPT	840	1713
PEX MSIP PPC GPIT EDTC	742	887
VSI	490	1690

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	455.0	36	459.0	0.00	LOT
SURF.COND.	13 3/8	749.0	17 1/2	755.0	0.00	LOT





PILOT HOLE		755.0	9 7/8	755.0	0.00	LOT
INTERM.	9 5/8	884.0	12 1/4	889.0	1.45	LOT
OPEN HOLE		1714.0	8 1/2	1714.0	1.64	LOT

Boreslam

Dybde MD [m]	Egenvekt, slam [g/cm3]	Viskositet, slam [mPa.s]	Flytegrense [Pa]	Type slam	Dato, måling
400	1.02	21.0		SW/Bentonite Sweeps	
450	1.02	20.0		SW/Bentonite Sweeps	
458	1.39	20.0		Bentonite	
755	1.24	23.0		Glydril	
788	1.24	18.0		Glydril	
889	1.24	19.0		Glydril	
1185	1.29	19.0		Glydril	
1591	1.29	20.0		Glydril	
1714	1.29	19.0		Glydril	

Trykkplott

Porertrykksdataene kommer fra logging i brønnen hvis ingen annen kilde er oppgitt. I noen brønner der trykk ikke er logget, er det brukt informasjon fra formasjonstester eller brønnspark. Trykkdataene er rapportert inn til Oljedirektoratet og videre prosessert og kvalitetssikret av IHS Markit.

Dokument navn	Dokument format	Dokument størrelse [KB]
6820 Formation pressure (Formasjonstrykk)	pdf	0.17

