



Generell informasjon





Brønnbane navn	7122/7-5
Type	EXPLORATION
Formål	WILDCAT
Status	P&A
Pressemelding	lenke til pressemelding
Faktakart i nytt vindu	lenke til kart
Hovedområde	BARENTS SEA
Brønn navn	7122/7-5
Seismisk lokalisering	inline 1548-crossline 2959(Survey Na01M1 3D)
Utvinningsstillatelse	229
Boreoperatør	Eni Norge AS
Boretillatelse	1125-L
Boreinnretning	POLAR PIONEER
Boredager	26
Borestart	28.11.2006
Boreslutt	23.12.2006
Frigitt dato	23.12.2008
Publiseringsdato	23.12.2008
Opprinnelig formål	WILDCAT
Gjenåpnet	NO
Innhold	DRY
Funnbrønnbane	NO
Avstand, boredekk - midlere havflate [m]	23.0
Vanndybde ved midlere havflate [m]	370.0
Totalt målt dybde (MD) [m RKB]	2228.0
Totalt vertikalt dybde (TVD) [m RKB]	2227.0
Maks inklinasjon [°]	2.4
Temperatur ved bunn av brønnbanen [°C]	59
Eldste penetrerte alder	EARLY TRIASSIC
Eldste penetrerte formasjon	KLAPPMYSS FM
Geodetisk datum	ED50
NS grader	71° 16' 24.7" N
ØV grader	22° 16' 40.43" E
NS UTM [m]	7908600.89
ØV UTM [m]	545789.79
UTM sone	34
NPDID for brønnbanen	5439



Brønnhistorie

The 7122/7-5 well was drilled as an exploration well on the Goliat West Prospect, a downthrown fault compartment compared to the proved hydrocarbon accumulations of Goliat. The purpose of the well was to investigate the hydrocarbon potential of the Early Jurassic/Late Triassic Kap Toscana Group, the Late Triassic Snadd Formation, and the Middle Triassic Kobbe Formation and into the Early Triassic Havert Formation.

Operations and results

Wildcat well 7122/7-5 was spudded with the semi-submersible installation Polar Pioneer on 28 November 2006 and drilled to TD at 2228 m. No significant technical problems were encountered during the operations. The well was drilled with sea water and hi-vis sweeps down to 1060 m. Formate mud previously used for drilling the 7122/7-1, -2, -3 and -4S was used from 1050 m to TD. The re-used formate mud was mixed with fresh formate mud in the proportion ca 1:2.

The top of the Kap Toscana reservoir was found at 1181 m as prognosed. The top Snadd Formation reservoir was encountered at 1281 m, 12 m deeper than the prognosis. The third reservoir, in the Kobbe Formation was found at 1868 m, 4m deeper than the prognosis. A fourth reservoir in the Klappmyss Formation was encountered at 2126 m, 43m deeper than prognosis. The reservoirs were not hydrocarbon bearing. Oil shows were recorded on cuttings and core chips from 1868 to 1910 m in the upper part of the Kobbe Formation; otherwise no shows were reported from the well.

One core was cut from 1900 to 1910.7 m in the Kobbe Formation. No wire line fluid samples were taken.

The well was plugged back to 995 m and abandoned on 23 December as a dry well. It was decided to drill a sidetrack (7122/7-5 A) in order to explore the potential of the Kobbe Formation on the east up thrown side of the fault.

Testing

No drill stem test was performed.

Borekaks i Sokkeldirektoratet

Borekaksprøve, topp dybde [m]	Borekaksprøve, bunn dybde [m]
1065.00	2228.00

Borekaks tilgjengelig for prøvetaking?	YES
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Borekjerner i Sokkeldirektoratet

Kjerneprøve nummer	Kjerneprøve - topp dybde	Kjerneprøve - bunn dybde	Kjerneprøve dybde - enhet
1	1900.0	1910.8	[m]



Total kjerneprøve lengde [m]	10.8
Kjerner tilgjengelig for prøvetaking?	YES

Palynologiske preparater i Sokkeldirektoratet

Prøve dybde	Dybde enhet	Prøve type	Laboratorie
1900.6	[m]	C	ICHRON
1906.4	[m]	C	ICHRON
1909.8	[m]	C	ICHRON

Litostratigrafi

Topp Dyb [mMD RKB]	Litostrat. enhet
394	NORDLAND GP
643	NYGRUNNEN GP
643	KVITING FM
655	ADVENTDALEN GP
655	KOLMULE FM
961	KOLJE FM
998	KNURR FM
1083	HEKKINGEN FM
1168	FUGLEN FM
1181	KAPP TOSCANA GP
1181	FRUHOLMEN FM
1281	SNADD FM
1868	SASSENDALEN GP
1868	KOBBE FM
2126	KLAPPMYSS FM

Spleisede logger

Dokument navn	Dokument format	Dokument størrelse [KB]
5439	pdf	0.32

Logger





Type logg	Topp dyp for logg [m]	Bunn dyp for logg [m]
MDT GR MSIP ACTS	1015	2224
MRLA TLD CNL GR ACTS	1015	2224
MWD - GR RES DIR PRESSURE	394	445
MWD - GR RES DIR PRESSURE	445	2222
MWD - GR RES SON DIR PRESSURE	445	1060

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	441.0	36	445.0	0.00	LOT
SURF.COND.	13 3/8	1015.0	17 1/2	1060.0	1.65	LOT
OPEN HOLE		2228.0	12 1/4	2228.0	0.00	LOT

Boreslam

Dybde MD [m]	Egenvekt, slam [g/cm3]	Viskositet, slam [mPa.s]	Flytegrense [Pa]	Type slam	Dato, måling
445	1.03			SEAWATER	
893	1.03			SEAWATER	
1060	1.03			SEAWATER	
1060	1.17	8.0		NACL	
1060	1.17	8.0		NACL	
1070	1.25	13.0		NACL	
1475	1.25	12.0		FORMPRO	
1900	1.30	12.0		FORMPRO	
2111	1.30	13.0		FORMPRO	
2228	1.32	13.0		FORMPRO	

Tynnslip i Sokkeldirektoratet

Dybde	Enhet
1900.45	[m]
1902.26	[m]
1906.90	[m]
1908.75	[m]
1909.35	[m]



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]
5439 Formation pressure (Formasjonstrykk)	pdf	0.27

