



Generell informasjon

Brønnbane navn	7228/7-1 B
Type	EXPLORATION
Formål	APPRAISAL
Status	P&A
Faktakart i nytt vindu	lenke til kart
Hovedområde	BARENTS SEA
Funn	7228/7-1 (Pandora)
Brønn navn	7228/7-1
Seismisk lokalisering	3D ST 9403- INLINE 1378 & CROSSLINE 1557
Utvinningstillatelse	202
Boreoperatør	Den norske stats oljeselskap a.s
Boretillatelse	997-L
Boreinnretning	TRANSOCEAN ARCTIC
Boredager	9
Borestart	02.02.2001
Boreslutt	10.02.2001
Plugget og forlatt dato	10.02.2001
Frigitt dato	10.02.2003
Publiseringsdato	11.02.2003
Opprinnelig formål	APPRAISAL
Gjenåpnet	NO
Innhold	OIL/GAS
Funnbrønnbane	NO
1. nivå med hydrokarboner, alder	LATE TRIASSIC
1. nivå med hydrokarboner, formasjon.	SNADD FM
Avstand, boredekk - midlere havflate [m]	24.0
Vanndybde ved midlere havflate [m]	288.0
Totalt målt dybde (MD) [m RKB]	2227.0
Totalt vertikalt dybde (TVD) [m RKB]	2122.0
Maks inklinasjon [°]	60.2
Temperatur ved bunn av brønnbanen [°C]	69
Eldste penetrerte alder	LATE TRIASSIC
Eldste penetrerte formasjon	SNADD FM
Geodetisk datum	ED50



NS grader	72° 15' 28.9" N
ØV grader	28° 8' 59.7" E
NS UTM [m]	8018306.53
ØV UTM [m]	539111.27
UTM sone	35
NPDID for brønnbanen	4261

Brønnhistorie

General

Wellbore 7228/7-1 B is situated in the Nordkapp basin. The Nordkapp basin is the most pronounced structural element east of Loppa High, with a basinal-axis oriented NE-SW. From top Cretaceous and down to TD of the well the sediments are steeply dipping due to salt diapirism, with the salt diapir located SE of the surface location. The main objectives of well 7228/7-1 B was to establish the oil-water contact for the oil column discovered in 7228/7-1 A.

Operations and results

Appraisal sidetrack well 7228/7-1 B was kicked off from well 7228/7-1 A with the semi-submersible installation "Transocean Arctic" on 2 February 2001 at 1699 m in the Snadd Formation. The well path follows the Lower Carnian sandstone down flank. Final TD was in the Snadd Formation in the Lower Carnian sandstone at 2227 m. The well was drilled with "Glydril" mud (KCl / Polymer / glycol) from kick-off to TD. The well had to be planned with a high angle and was still building angle when drilling through the lower Carnian sandstone. Due to the high angle it was not possible to reach TD with the wire line tool (PEX-MDT), but two MDT pressure measurements of good quality were obtained in the upper part of the lower Carnian sandstone. A gradient line between these two points shows a water gradient. The MDT measurements from 7228/7-1 B does not exactly fit the gradient line from well 7228/7-1 A. This difference is believed to be due the uncertainties in the depth measurements in well 7228/7-1 B. The oil water contact in 7228/7-1B was concluded to be approximately at the same depth as the down-to situation indicated in well 7228/7-1 A, at 2100 m (2078 m TVD RKB, 2054 m TVD MSL). No cores were cut and no fluid samples were taken in this sidetrack.

Well 7228/7-1 B was permanently abandoned as an oil and gas appraisal on 10 February 2001.

Testing

No drill stem test was performed.

Borekaks i Sokkeldirektoratet

Borekaksprøve, topp dybde [m]	Borekaksprøve, bunn dybde [m]
1710.00	2227.00

Borekaks tilgjengelig for prøvetaking?	YES
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Litostratigrafi

Topp Dyb [mMD RKB]	Litostrat. enhet
311	NORDLAND GP
334	ADVENTDALEN GP
334	KOLMULE FM
1300	KNURR FM
1314	HEKKINGEN FM
1347	FUGLEN FM
1361	KAPP TOSCANA GP
1361	STØ FM
1379	NORDMELA FM
1399	TUBÅEN FM
1494	FRUHOLMEN FM
1642	SNADD FM

Spleisede logger

Dokument navn	Dokument format	Dokument størrelse [KB]
4261	pdf	0.08

Geokjemisk informasjon

Dokument navn	Dokument format	Dokument størrelse [KB]
4261_1	pdf	1.83
4261_2	pdf	1.82
4261_4	pdf	6.02
4261_5	pdf	0.13

Dokumenter - rapportert av utvinningstillatelsen (frigitt ihht til regelverk)

Dokument navn	Dokument format	Dokument størrelse [KB]
4261_7228_7_1_B_COMPLETION_LOG	.pdf	0.65
4261_7228_7_1_B_COMPLETION_REPORT	.pdf	6.95





Logger

Type logg	Topp dyp for logg [m]	Bunn dyp for logg [m]
CST GR	1353	2166
MWD MPR	1323	2227
PEX MDT GR	2118	2176

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		2227.0	8 1/2	2227.0	0.00	LOT

Boreslam

Dybde MD [m]	Egenvekt, slam [g/cm3]	Viskositet, slam [mPa.s]	Flytegrense [Pa]	Type slam	Dato, måling
555	1.33	21.0		GLYDRILL	
1986	1.31	23.0		GLYDRILL	
2181	1.31	20.0		GLYDRILL	
2227	1.31	21.0		GLYDRILL	

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]
4261 Formation pressure (Formasjonstrykk)	pdf	0.21

