



Generell informasjon





Brønnbane navn	7/7-4
Type	EXPLORATION
Formål	WILDCAT
Status	P&A
Pressemelding	lenke til pressemelding
Faktakart i nytt vindu	lenke til kart
Hovedområde	NORTH SEA
Brønn navn	7/7-4
Seismisk lokalisering	Line D3 & Line D28
Utvinningstillatelse	335
Boreoperatør	BG Norge AS
Boretillatelse	1147-L
Boreinnretning	MÆRSK GUARDIAN
Boredager	53
Borestart	29.08.2007
Boreslutt	20.10.2007
Frigitt dato	20.10.2009
Publiseringsdato	20.10.2009
Opprinnelig formål	WILDCAT
Gjenåpnet	NO
Innhold	DRY
Funnbrønnbane	NO
Avstand, boredekk - midlere havflate [m]	43.0
Vanndybde ved midlere havflate [m]	81.0
Totalt målt dybde (MD) [m RKB]	3054.0
Totalt vertikalt dybde (TVD) [m RKB]	3034.0
Maks inklinasjon [°]	10.9
Temperatur ved bunn av brønnbanen [°C]	139
Eldste penetrerte alder	PALEOCENE
Eldste penetrerte formasjon	EKOFISK FM
Geodetisk datum	ED50
NS grader	57° 22' 37.81" N
ØV grader	2° 16' 4.1" E
NS UTM [m]	6359752.14
ØV UTM [m]	455970.01
UTM sone	31
NPDID for brønnbanen	5570



Brønnhistorie

General

Well 7/7-4 was drilled on the Orange prospect on the Jæren High in the North Sea; about one km from the UK border. The purpose of the well was to prove hydrocarbons in the Paleocene Forties sandstone unit.

Operations and results

Well 7/7-4 was spudded with the jack-up installation Mærsk Guardian on 29 August 2007 and drilled to TD at 3054 m (3034 m TVD) in the Paleocene Ekofisk Formation. There were some shallow geo-hazards within the survey area, and the chosen well location was free from identified geo-hazard risks. This resulted in a slight directional nudge at 1350 m in the 12.1/4" section required to place the well vertical before top reservoir. The well was drilled with sea water down to 231 m, with Seawater/PHB/PAC pills from 231 m to 633 m, with KCl/glycol mud from 633 m to 1172 m, and with Carbo-Sea OBM from 1172 m to TD. Various technical problems resulted in nearly 20 days more rig time than planned for this well.

The Orange prospect well found 129 m of the expected inter-bedded sand and shale sequence of the Forties Formation, but water wet through the entire section. No shows were reported from the well. Top of the Formation was at 2820 m.

No cores were cut and no wire line fluid samples were taken.

The well was permanently abandoned on 20 October 2007 as a dry well.

Testing

No drill stem test was performed.

Borekaks i Sokkeldirektoratet

Borekaksprøve, topp dybde [m]	Borekaksprøve, bunn dybde [m]
640.00	3054.30

Borekaks tilgjengelig for prøvetaking?	YES
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Litostratigrafi

Topp Dyb [mMD RKB]	Litostrat. enhet
124	NORDLAND GP
1309	HORDALAND GP
2706	ROGALAND GP
2706	BALDER FM



2746	SELE FM
2820	FORTIES FM
2949	LISTA FM
2971	VÅLE FM
3008	SHETLAND GP
3008	EKOFISK FM

Logger

Type logg	Topp dyp for logg [m]	Bunn dyp for logg [m]
DUAL ASR&GR +500CM3 AIRGUN ARRAY	2765	8
DUAL ASR&GR +500CM3 AIRGUN ARRAY	3025	2625
MWD LWD - DIR	124	227
MWD LWD - DIR	227	633
MWD LWD - DIR GR RES	231	633
MWD LWD - DIR GR RES PWD	633	3054
ORIT TTRM GR CN ZDL HDIL XMAC F1	3006	0
ORIT TTRM GR HDIL XMAC F1	3037	8

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	218.0	36	223.0	0.00	LOT
SURF.COND.	20	620.0	24	625.0	1.49	LOT
INTERM.	13 3/8	1164.0	17 1/2	1175.0	1.66	LOT
OPEN HOLE		3054.0	12 1/4	3054.0	0.00	LOT

Boreslam

Dybde MD [m]	Egenvekt, slam [g/cm3]	Viskositet, slam [mPa.s]	Flytegrense [Pa]	Type slam	Dato, måling
227	0.00	13.0		SPUD MUD	
444	0.00	30.0		SPUD MUD	
633	0.00	19.0		SPUD MUD	
1104	0.00	31.0		SPUD MUD	



Faktasider

Brønnbane / Leting

Utskriftstidspunkt: 14.5.2024 - 18:49

1172	0.00	17.0		KCL/POLY/GLYCOL	
1194	0.00	44.0		CARBOSEA	
1462	0.00	15.0		SPUD MUD	
1791	0.00	46.0		CARBOSEA	
2717	0.00	35.0		CARBOSEA	
3054	0.00	29.0		SPUD MUD	