



Generell informasjon

Brønnbane navn	25/7-4 S
Type	EXPLORATION
Formål	WILDCAT
Status	P&A
Faktakart i nytt vindu	lenke til kart
Hovedområde	NORTH SEA
Brønn navn	25/7-4
Seismisk lokalisering	CN 25/93 INLINE 155 & CROSSLINE 5765
Utvinningstillatelse	103
Boreoperatør	Conoco Norway Inc.
Boretillatelse	879-L
Boreinnretning	MÆRSK JUTLANDER
Boredager	20
Borestart	02.06.1997
Boreslutt	21.06.1997
Frigitt dato	21.06.1999
Publiseringsdato	29.08.2003
Opprinnelig formål	WILDCAT
Gjenåpnet	NO
Innhold	DRY
Funnbrønnbane	NO
Avstand, boredekk - midlere havflate [m]	23.0
Vanndybde ved midlere havflate [m]	126.0
Totalt målt dybde (MD) [m RKB]	2560.0
Totalt vertikalt dybde (TVD) [m RKB]	2546.3
Maks inklinasjon [°]	9.9
Temperatur ved bunn av brønnbanen [°C]	75
Eldste penetrerte alder	LATE CRETACEOUS
Eldste penetrerte formasjon	TOR FM
Geodetisk datum	ED50
NS grader	59° 15' 30" N
ØV grader	2° 15' 58.99" E
NS UTM [m]	6569200.34
ØV UTM [m]	458166.79
UTM sone	31
NPDID for brønnbanen	3114



Brønnhistorie

General

Block 25/7 is situated in the South Viking Graben on the western side of the Utsira High, a basement high that tilts slightly towards the east. The South Viking Graben has an asymmetrical profile bounded in the west by the Brea/Crawford Fault Zone and the Utsira High to the east. The Jotun Field is sitting on a basement terrace stepping up to the Utsira High from the Graben area. Well 25/7-1 drilled in 1986 for a Jurassic target encountered oil shows in thin ratty sands in the Paleocene Hermod Formation.

Exploration well 25/7-4 S was drilled to test the 25/7 Hermod South prospect, a stratigraphic trap comprising of channelised basin floor sandstones of the Paleocene Hermod Formation. The primary objectives of the well were to test the presence of hydrocarbons in the Hermod South prospect and to establish hydrocarbon type(s) and fluid contacts (if present). A secondary objective was to evaluate the Lower Tertiary interval by ensuring that the well penetrates into the Cretaceous.

Operations and results

Exploration well 25/7-4 S was spudded with the semi-submersible installation "Maersk Jutlander" on 2 June 1997 and drilled to a total depth of 2560 m in the Late Cretaceous Tor Formation. Operations went without problems within the AFE time budget. The well was drilled with seawater and hi-vis pills down to 1195 m and with KCl / Glycol mud from 1195 m to TD. Good quality Hermod sands were encountered at 2018 m (1987 m TVD SS). Also the Heimdal and Ty Formation sands were present. However, no indications of hydrocarbons were found.

No conventional core was cut in and no fluid samples were taken. The well was permanently abandoned as a dry well on 21 June 1997.

Testing

No drill stem test was performed.

Borekaks i Sokkeldirektoratet

Borekaksprøve, topp dybde [m]	Borekaksprøve, bunn dybde [m]
1200.00	2560.00

Borekaks tilgjengelig for prøvetaking?	YES
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Palynologiske preparater i Sokkeldirektoratet

Prøve dybde	Dybde enhet	Prøve type	Laboratorie
1200.0	[m]	DC	RRI
1230.0	[m]	DC	RRI
1250.0	[m]	DC	RRI



1270.0 [m]	DC	RRI
1290.0 [m]	DC	RRI
1310.0 [m]	DC	RRI
1330.0 [m]	DC	RRI
1370.0 [m]	DC	RRI
1380.0 [m]	DC	RRI
1400.0 [m]	DC	RRI
1420.0 [m]	DC	RRI
1430.0 [m]	DC	RRI
1992.0 [m]	SWC	RRI
2003.0 [m]	SWC	RRI
2007.0 [m]	SWC	RRI
2013.0 [m]	DC	RRI
2017.0 [m]	SWC	RRI
2069.0 [m]	DC	RRI
2105.0 [m]	SWC	RRI
2126.0 [m]	SWC	RRI
2142.0 [m]	SWC	RRI
2151.0 [m]	SWC	RRI
2159.0 [m]	SWC	RRI
2163.0 [m]	SWC	RRI
2172.0 [m]	SWC	RRI
2186.0 [m]	SWC	RRI
2211.0 [m]	SWC	RRI
2218.0 [m]	SWC	RRI
2236.0 [m]	SWC	RRI

Litostratigrafi

Topp Dyb [mMD RKB]	Litostrat. enhet
149	NORDLAND GP
490	UTSIRA FM
716	HORDALAND GP
716	SKADE FM
1063	NO FORMAL NAME
1904	ROGALAND GP
1904	BALDER FM
2002	SELE FM
2018	HERMOD FM



2121	LISTA FM
2176	HEIMDAL FM
2371	TY FM
2512	SHETLAND GP
2512	EKOFISK FM
2550	TOR FM

Spleisede logger

Dokument navn	Dokument format	Dokument størrelse [KB]
3114	pdf	0.32

Dokumenter - rapportert av utvinningstillatelsen (frigitt ihht til regelverk)

Dokument navn	Dokument format	Dokument størrelse [KB]
3114 25 7 4 S COMPLETION LOG	pdf	2.04
3114 25 7 4 S COMPLETION REPORT	pdf	39.80

Logger

Type logg	Topp dyp for logg [m]	Bunn dyp for logg [m]
CST	1987	2236
DSI DIT GR	1932	2546
MWD - DIR GR SN	231	1190
MWD - DIR GR SN	1190	1940
MWD - DIR GR SN DEN NEU	1940	2560
VSP GR	1932	2546

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	226.0	36	226.0	0.00	LOT
SURF.COND.	13 3/8	1188.0	17 1/4	1190.0	1.90	LOT
INTERM.	9 5/8	1931.0	12 1/4	1931.0	1.59	LOT
OPEN HOLE		2560.0	8 1/2	2560.0	0.00	LOT





Boreslam

Dybde MD [m]	Egenvekt, slam [g/cm ³]	Viskositet, slam [mPa.s]	flytegrense [Pa]	Type slam	Dato, måling
149	1.00			SPUD MUD	
222	1.00			SPUD MUD	
536	1.07			SPUD MUD	
1188	1.20			SPUD MUD	
1198	1.45	42.0		KCL/GLYCOL/GEM	
1200	1.07			SPUD MUD	
1224	1.45	39.0		KCL/GLYCOL/GEM	
1452	1.32	20.0		KCL/GLYCOL/GEM	
1940	1.20	15.0		KCL/POLYMER	
2280	1.20	11.0		KCL/POLYMER	
2560	1.21	12.0		KCL/POLYMER	