



Generell informasjon

Brønnbane navn	2/8-5
Type	EXPLORATION
Formål	WILDCAT
Status	P&A
Faktakart i nytt vindu	lenke til kart
Hovedområde	NORTH SEA
Brønn navn	2/8-5
Seismisk lokalisering	LINE 72-04 SP.1-130
Utvinningstillatelse	006
Boreoperatør	Amoco Norway Oil Company
Boretillatelse	107-L
Boreinnretning	ZAPATA EXPLORER
Boredager	43
Borestart	11.04.1974
Boreslutt	23.05.1974
Frigitt dato	23.05.1976
Publiseringsdato	24.09.2004
Opprinnelig formål	WILDCAT
Gjenåpnet	NO
Innhold	OIL SHOWS
Funnbrønnbane	NO
Avstand, boredekk - midlere havflate [m]	34.0
Vanndybde ved midlere havflate [m]	69.0
Totalt målt dybde (MD) [m RKB]	3304.0
Totalt vertikalt dybde (TVD) [m RKB]	3304.0
Temperatur ved bunn av brønnbanen [°C]	43
Eldste penetrerte alder	EARLY CRETACEOUS
Eldste penetrerte formasjon	RØDBY FM
Geodetisk datum	ED50
NS grader	56° 29' 58.7" N
ØV grader	3° 27' 19.7" E
NS UTM [m]	6261922.51
ØV UTM [m]	528040.50
UTM sone	31
NPDID for brønnbanen	275



Brønnhistorie

General

Well 2/8-5 is located within closure of the large NNW-SSE trending Valhall structure, close to well 2/8-2 and ca 8 km south of the 2/5-3 Sørøst Tor Discovery. The primary target was Danian/Maastrichtian chalk/limestones.

Operations and results

Exploration well 2/8-5 was spudded with the jack-up installation Zapata Explorer on 11 April 1974 and drilled to TD at 3304 m in the Early Cretaceous Rødby Formation. Some problems with lost circulation were experienced at 1618 m. At 1909 m in the Hordaland Group a gas kick was taken. Otherwise drilling went without significant problems.

No sand was encountered in Paleocene. The well penetrated 88 m of Danian chalk (Ekofisk Formation) and 380 m Late Cretaceous chalk (Tor Formation) before marls of the Rødby Formation were encountered at 3264 m. Well logs indicated that all target formations were water wet. Shows were reported as follows:

Miocene (1600 m to 1722 m): white bright yellow amber fluorescence giving a fast yellow white slow cut. Associated with a gas peak on the chromatograph analysis at the top. Patchy fluorescence was recorded down section. Oligocene (1829 m): bleeding gas from limestone. (2353 m): pale yellow fluorescence, slow cut, with acid only. Eocene (2464 m to 2718 m): patchy shows, heavy brown oil stain, very dull amber to fast yellow fluorescence, occasional fast bright yellow cut, dark brown cut colour. The Shetland Group (2796 m to 3264 m): background gas only, maximum of 1.8% C1, trace C2-C4 at 3254 m. Fair oil stain, fair to good fluorescence and cut.

No conventional core was cut and no fluid sample taken. The well was permanently abandoned on 23 May 1974 as a well with oil shows.

Testing

No drill stem test was performed

Borekaks i Sokkeldirektoratet

Borekaksprøve, topp dybde [m]	Borekaksprøve, bunn dybde [m]
145.39	3303.73

Borekaks tilgjengelig for prøvetaking?	YES
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Litostratigrafi

Topp Dyb [mMD RKB]	Litostrat. enhet
102	NORDLAND GP
1310	HORDALAND GP



2718	ROGALAND GP
2718	BALDER FM
2728	SELE FM
2746	LISTA FM
2779	VÅLE FM
2796	SHETLAND GP
2796	EKOFISK FM
2884	TOR FM
3264	CROMER KNOLL GP
3264	RØDBY FM

Spleisede logger

Dokument navn	Dokument format	Dokument størrelse [KB]
275	pdf	0.37

Dokumenter - eldre Sokkeldirektoratets WDSS rapporter og andre relaterte dokumenter

Dokument navn	Dokument format	Dokument størrelse [KB]
275_01_WDSS_General_Information	pdf	0.25

Logger

Type logg	Topp dyp for logg [m]	Bunn dyp for logg [m]
BHC	366	1219
BHC CNL	1219	2706
BHC-C	2697	3097
BHC-C	3078	3302
CBL	1067	2672
CBL	1219	2698
CBL	1219	3301
CDM	2694	3271
CDM FP	2710	3267
CNL GR	366	1219
DL	2694	3095





FDC CNL	2694	3098
FDC CNL	3078	3267
IES	1217	2709
IES	2694	3098
IES	3078	3267
PML	2694	3098
SRS	366	3305

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	152.0	36	152.0	0.00	LOT
SURF.COND.	20	361.0	26	377.0	0.00	LOT
INTERM.	13 3/8	1219.0	17 1/2	1234.0	0.00	LOT
INTERM.	9 5/8	2698.0	12 1/4	2710.0	0.00	LOT
OPEN HOLE		3304.0	8 1/2	3304.0	0.00	LOT

Boreslam

Dybde MD [m]	Egenvekt, slam [g/cm3]	Viskositet, slam [mPa.s]	Flytegrense [Pa]	Type slam	Dato, måling
376	1.12			seawater	
762	1.14			seawater	
1123	1.23			seawater	
1234	1.48			seawater	
1592	1.55			seawater	
1840	1.72			seawater	
2167	1.75			seawater	
2709	1.84			seawater	