



Generell informasjon

Brønnbane navn	8/11-1
Type	EXPLORATION
Formål	WILDCAT
Status	P&A
Faktakart i nytt vindu	lenke til kart
Hovedområde	NORTH SEA
Brønn navn	8/11-1
Seismisk lokalisering	LINE PG 8/11-1 SP.145
Utvinningstillatelse	017
Boreoperatør	Phillips Petroleum Company Norway
Boretillatelse	126-L
Boreinnretning	OCEAN VIKING
Boredager	67
Borestart	24.04.1975
Boreslutt	29.06.1975
Frigitt dato	29.06.1977
Publiseringsdato	24.09.2004
Opprinnelig formål	WILDCAT
Gjenåpnet	NO
Innhold	DRY
Funnbrønnbane	NO
Avstand, boredekk - midlere havflate [m]	27.0
Vanndybde ved midlere havflate [m]	64.0
Totalt målt dybde (MD) [m RKB]	3810.0
Maks inklinasjon [°]	4.5
Temperatur ved bunn av brønnbanen [°C]	107
Eldste penetrerte alder	TRIASSIC
Eldste penetrerte formasjon	SMITH BANK FM
Geodetisk datum	ED50
NS grader	57° 6' 32" N
ØV grader	3° 38' 25" E
NS UTM [m]	6329831.02
ØV UTM [m]	538783.43
UTM sone	31
NPDID for brønnbanen	304



Brønnhistorie

General

Well 8/11-1 is located on the Sørvestlandet High towards the Åsta Graben. It was drilled on a crestal position of an elongated faulted anticline approximately 11 km long and 5 km wide. The primary objective horizon was the Jurassic Sandstone section, which from seismic information was expected to have closure of 39 km² with a maximum of 66 m of vertical closure. Late Cretaceous limestone, Paleocene sandstone and Triassic Sandstone were secondary objectives.

Operations and results

Wildcat well 8/11-1 was spudded with the semi-submersible installation Ocean Viking on 24 April 1975 and drilled to TD at 3810 m in the Triassic Red beds. The well was drilled with seawater and Attapulgitic clay down to 458 m, with seawater/Drispac and 3% diesel oil from 458 m to 1219 m, and with seawater/Drispac/lime/4-5% diesel oil from 1219 m to TD.

The formation tops and thicknesses agreed well with the geological prognosis with Paleocene coming in at 1968 m, top Cretaceous at 2143 m, the Jurassic at 2807 m, and top Triassic in the interval 2855 m to 2900 m. In the Paleocene, no sands were developed and in the Upper Cretaceous the limestone was tight. The Jurassic section consisted of 27.4 m of dark grey shale of Portlandian - Late Kimmeridgian age. The total sand section had been eroded away by the Kimmeridgian unconformity. After drilling 975 m of barren Triassic section the well was terminated at the prognosed depth of 3810 m without the Zechstein salt having been encountered. The well had no shows and thus no testing was carried out. No conventional core was cut and no fluid sample taken.

The well was permanently abandoned on 29 June 1975 as a dry well.

Testing

No drill stem test was performed

Borekaks i Sokkeldirektoratet

Borekaksprøve, topp dybde [m]	Borekaksprøve, bunn dybde [m]
457.20	3810.00

Borekaks tilgjengelig for prøvetaking?	YES
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Palynologiske preparater i Sokkeldirektoratet

Prøve dybde	Dybde enhet	Prøve type	Laboratorie
5940.0	[ft]	DC	RRI
6000.0	[ft]	DC	RRI
6060.0	[ft]	DC	RRI
6120.0	[ft]	DC	RRI



6180.0 [ft]	DC	RRI
6210.0 [ft]	DC	RRI
6240.0 [ft]	DC	RRI
6270.0 [ft]	DC	RRI
6330.0 [ft]	DC	RRI
6390.0 [ft]	DC	RRI
6420.0 [ft]	DC	RRI
6450.0 [ft]	DC	RRI
6510.0 [ft]	DC	RRI
6570.0 [ft]	DC	RRI
6630.0 [ft]	DC	RRI
6690.0 [ft]	DC	RRI
6750.0 [ft]	DC	RRI
6780.0 [ft]	DC	RRI
6810.0 [ft]	DC	RRI
6870.0 [ft]	DC	RRI
6930.0 [ft]	DC	RRI
6990.0 [ft]	DC	RRI
7050.0 [ft]	DC	RRI
9180.0 [ft]	DC	GEUS
9180.0 [ft]	DC	PETROSTR
9210.0 [ft]	DC	PETROS
9210.0 [ft]	DC	GEUS
9270.0 [ft]	DC	GEUS
9270.0 [ft]	DC	PETROSTR
9330.0 [ft]	DC	PETROS
9360.0 [ft]	DC	PETROS
9390.0 [ft]	DC	PETROS
9420.0 [ft]	DC	PETROS
9630.0 [ft]	DC	GEUS
9660.0 [ft]	DC	GEUS
9690.0 [ft]	DC	GEUS
9720.0 [ft]	DC	GEUS
9750.0 [ft]	DC	GEUS
10080.0 [ft]	DC	GEUS
10440.0 [ft]	DC	GEUS

Litostratigrafi



Topp Dyb [mMD RKB]	Litostrat. enhet
91	NORDLAND GP
1038	HORDALAND GP
1968	ROGALAND GP
1968	BALDER FM
1979	SELE FM
2059	LISTA FM
2088	VÅLE FM
2116	SHETLAND GP
2116	EKOFISK FM
2143	TOR FM
2408	HOD FM
2509	BLODØKS FM
2512	HIDRA FM
2528	CROMER KNOLL GP
2528	RØDBY FM
2574	SOLA FM
2658	ÅSGARD FM
2807	BOKNEFJORD GP
2807	FLEKKEFJORD FM
2835	VESTLAND GP
2835	SANDNES FM
2871	NO GROUP DEFINED
2871	SKAGERRAK FM
3182	SMITH BANK FM

Spleisede logger

Dokument navn	Dokument format	Dokument størrelse [KB]
304	pdf	0.27

Geokjemisk informasjon

Dokument navn	Dokument format	Dokument størrelse [KB]
304_1_Visual_maturity_of_selected_cuttingsin_8_11_1	pdf	4.89





Dokumenter - eldre Sokkeldirektoratets WDSS rapporter og andre relaterte dokumenter

Dokument navn	Dokument format	Dokument størrelse [KB]
304_01_WDSS_General_Information	pdf	0.22

Dokumenter - rapportert av utvinningstillatelsen (frigitt ihht til regelverk)

Dokument navn	Dokument format	Dokument størrelse [KB]
304_1_Completion_Report_and_Completion_Log	pdf	6.69

Logger

Type logg	Topp dyp for logg [m]	Bunn dyp for logg [m]
BHCS	1139	3800
GR	1139	3800
IES	1139	3800
SP	1139	3800

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	126.0	36	130.0	0.00	LOT
SURF.COND.	20	457.0	26	460.0	0.00	LOT
INTERM.	13 3/8	1219.0	17 1/2	1220.0	0.00	LOT
INTERM.	9 5/8	2865.0	12 1/4	2865.0	0.00	LOT
LINER	7	3810.0	8 1/2	3810.0	0.00	LOT

Boreslam

Dybde MD [m]	Egenvekt, slam [g/cm3]	Viskositet, slam [mPa.s]	Flytegrense [Pa]	Type slam	Dato, måling
126	1.05			seawater	





457	1.25			seawater	
1219	1.31	45.0		seawater	
1524	1.37	50.0		seawater	
2133	1.43	55.0		seawater	
2865	1.61	55.0		seawater	
3810	1.67	50.0		seawater	