



Generell informasjon

Brønnbane navn	2/3-3
Type	EXPLORATION
Formål	WILDCAT
Status	P&A
Faktakart i nytt vindu	lenke til kart
Hovedområde	NORTH SEA
Brønn navn	2/3-3
Seismisk lokalisering	LINE 13.
Utvinningstillatelse	022
Boreoperatør	Norske Murphy Oil Company
Boretillatelse	61-L
Boreinnretning	OCEAN TIDE
Boredager	44
Borestart	08.10.1971
Boreslutt	20.11.1971
Frigitt dato	20.11.1973
Publiseringsdato	24.09.2004
Opprinnelig formål	WILDCAT
Gjenåpnet	NO
Innhold	DRY
Funnbrønnbane	NO
Avstand, boredekk - midlere havflate [m]	31.0
Vanndybde ved midlere havflate [m]	56.0
Totalt målt dybde (MD) [m RKB]	2973.0
Totalt vertikalt dybde (TVD) [m RKB]	2973.0
Temperatur ved bunn av brønnbanen [°C]	73
Eldste penetrerte alder	LATE PERMIAN
Eldste penetrerte formasjon	ZECHSTEIN GP
Geodetisk datum	ED50
NS grader	56° 48' 18.9" N
ØV grader	3° 58' 11.5" E
NS UTM [m]	6296267.73
ØV UTM [m]	559226.21
UTM sone	31
NPDID for brønnbanen	198



Brønnhistorie

General

Well 2/3-3 is located east of the Steinbit Terrace on the Sørvestlandet High. The main targets for the well were Danian limestones, Jurassic sands, and Oligocene sands.

Operations and results

Wildcat well 2/3-3 was spudded with the Jack-up installation Ocean Tide on 8 October 1971 and drilled to TD at in Late Permian Zechstein salt. Operations went without major problems except for some delays due to bad weather (on 17 November with winds in excess of 40 m/s and seas up to 17 m). The well was drilled with Bentonite and salt gel down to 269 m and with Spersene mud with 2% - 6.5% diesel from 269 m to TD.

The well drilled a thick Tertiary/Quaternary section, mainly represented by grey sandy clays of Pliocene and Pleistocene age and by brown clays and mudstones of Oligocene to Miocene age. The Paleocene and Early Eocene consisted of varicoloured clays. No potential reservoirs (sands, sandstones and limestones) were found in the Tertiary.

A moderate thickness (235 m) of Chalk was penetrated. The top 41 m was of Danian age (Ekofisk Formation, the remainder was of Santonian-Maastrichtian age (Tor and Hod Formations). One hundred and forty seven meters of Early Cretaceous rested on Kimmeridgian shales. From the base of the Kimmeridgian downwards, the section was poorly fossiliferous and only tentatively dated. The only shows observed were elevated methane readings in sand stringers in the interval 400 m to 900 m and in shales below this depth. No liquid hydrocarbons were observed in any part of the well. No cores were cut and no fluid samples taken. The well was abandoned as dry on 20 November 1971.

Testing

No drill stem test was performed

Borekaks i Sokkeldirektoratet

Borekaksprøve, topp dybde [m]	Borekaksprøve, bunn dybde [m]
280.42	2966.92

Borekaks tilgjengelig for prøvetaking?	NO
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Palynologiske preparater i Sokkeldirektoratet

Prøve dybde	Dybde enhet	Prøve type	Laboratorie
4720.0	[ft]	DC	RRI
4750.0	[ft]	DC	RRI
4785.0	[ft]	DC	RRI
4800.0	[ft]	DC	RRI
4815.0	[ft]	DC	RRI



4830.0 [ft]	DC	RRI
4845.0 [ft]	DC	RRI
4860.0 [ft]	DC	RRI
4875.0 [ft]	DC	RRI
4890.0 [ft]	DC	RRI
4905.0 [ft]	DC	RRI
4920.0 [ft]	DC	RRI
4935.0 [ft]	DC	RRI
4950.0 [ft]	DC	RRI
4965.0 [ft]	DC	RRI
4980.0 [ft]	DC	RRI
4995.0 [ft]	DC	RRI
5010.0 [ft]	DC	RRI
5025.0 [ft]	DC	RRI
5040.0 [ft]	DC	RRI
5055.0 [ft]	DC	RRI
5070.0 [ft]	DC	RRI
5085.0 [ft]	DC	RRI
5115.0 [ft]	DC	RRI
5130.0 [ft]	DC	RRI
5145.0 [ft]	DC	RRI
5160.0 [ft]	DC	RRI
5175.0 [ft]	DC	RRI
5190.0 [ft]	DC	RRI
5205.0 [ft]	DC	RRI
5250.0 [ft]	DC	RRI
5295.0 [ft]	DC	RRI
5340.0 [ft]	DC	RRI
5385.0 [ft]	DC	RRI
5430.0 [ft]	DC	RRI
5475.0 [ft]	DC	RRI
5520.0 [ft]	DC	RRI
5550.0 [ft]	DC	RRI
5610.0 [ft]	DC	RRI
5655.0 [ft]	DC	RRI
5700.0 [ft]	DC	RRI
5740.0 [ft]	DC	RRI
5805.0 [ft]	DC	RRI
5850.0 [ft]	DC	RRI
5910.0 [ft]	DC	RRI



5955.0 [ft]	DC	RRI
6000.0 [ft]	DC	RRI
6060.0 [ft]	DC	RRI
6105.0 [ft]	DC	RRI
6150.0 [ft]	DC	RRI
6210.0 [ft]	DC	RRI
6255.0 [ft]	DC	RRI
6300.0 [ft]	DC	RRI
6360.0 [ft]	DC	RRI
6405.0 [ft]	DC	RRI
6465.0 [ft]	DC	RRI
6510.0 [ft]	DC	RRI
6540.0 [ft]	DC	RRI
6645.0 [ft]	DC	RRI
6700.0 [ft]	DC	RRI
6750.0 [ft]	DC	RRI
6810.0 [ft]	DC	RRI
6855.0 [ft]	DC	RRI
6900.0 [ft]	DC	RRI
6960.0 [ft]	DC	RRI
7000.0 [ft]	DC	RRI
7050.0 [ft]	DC	RRI
7110.0 [ft]	DC	RRI
7155.0 [ft]	DC	RRI
7200.0 [ft]	DC	RRI
7335.0 [ft]	DC	RRI
7350.0 [ft]	DC	RRI
7410.0 [ft]	DC	RRI
7455.0 [ft]	DC	RRI
7485.0 [ft]	DC	RRI
7500.0 [ft]	DC	RRI
7560.0 [ft]	DC	RRI
7605.0 [ft]	DC	RRI
7635.0 [ft]	DC	RRI
7650.0 [ft]	DC	RRI
7680.0 [ft]	DC	RRI
7755.0 [ft]	DC	RRI
7770.0 [ft]	DC	RRI
7800.0 [ft]	DC	RRI
7830.0 [ft]	DC	RRI



7860.0	[ft]	DC	RRI
7905.0	[ft]	DC	RRI
7950.0	[ft]	DC	RRI
8025.0	[ft]	DC	RRI
8055.0	[ft]	DC	RRI
8115.0	[ft]	DC	RRI
9270.0	[ft]	DC	SNEA
9315.0	[ft]	DC	SNEA
9390.0	[ft]	DC	SNEA
9405.0	[ft]	DC	SNEA
9480.0	[ft]	DC	SNEA
9510.0	[ft]	DC	SNEA
9600.0	[ft]	DC	SNEA
9645.0	[ft]	DC	SNEA

Litostratigrafi

Topp Dyb [mMD RKB]	Litostrat. enhet
88	NORDLAND GP
1060	HORDALAND GP
2267	ROGALAND GP
2267	BALDER FM
2283	SELE FM
2340	LISTA FM
2443	SHETLAND GP
2443	EKOFISK FM
2484	TOR FM
2630	HOD FM
2678	CROMER KNOLL GP
2678	RØDBY FM
2710	SOLA FM
2825	TYNE GP
2825	MANDAL FM
2850	FARSUND FM
2875	NO GROUP DEFINED
2875	SKAGERRAK FM
2930	ZECHSTEIN GP



Spleisede logger

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

Dokumenter - eldre Sökkeldirektoratets WDSS rapporter og andre relaterte dokumenter

Dokument navn	Dokument format	Dokument størrelse [KB]
198 01 WDSS General Information	pdf	0.16

Dokumenter - rapportert av utvinningstillatelsen (frigitt ihht til regelverk)

Dokument navn	Dokument format	Dokument størrelse [KB]
198 1 Completion Report	pdf	4.63
198 2 Paleontological final report	pdf	2.66
198 3 Drilling programme	pdf	0.64
198 4 High resolution boomer sparker and side scan surv	pdf	0.95

Dokumenter - Sökkeldirektoratets publikasjoner

Dokument navn	Dokument format	Dokument størrelse [KB]
198 01 NPD Paper No.17 Lithology Well 2 3 3	pdf	19.10
198 02 NPD Paper No.17 Interpreted Lithology log Well 2 3 3	pdf	46.58

Logger

Type logg	Topp dyp for logg [m]	Bunn dyp for logg [m]
CST	97	2973
DIL LL	1084	2972
FDC GR CAL	2913	2972
GR	91	2970
GR SON CAL	1084	2970





HRDIP	1084	2972
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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	123.0	36	123.0	0.00	LOT
INTERM.	20	264.0	26	279.0	0.00	LOT
INTERM.	13 3/8	1084.0	17 1/2	1098.0	0.00	LOT
OPEN HOLE		2973.0	12 1/4	2973.0	0.00	LOT

Boreslam

Dybde MD [m]	Egenvekt, slam [g/cm3]	Viskositet, slam [mPa.s]	Flytegrense [Pa]	Type slam	Dato, måling
278	1.04	40.0		seawater	
1097	1.43	65.0		seawater	
1940	1.50	55.0		seawater	
2669	1.57	58.0		seawater	