Generell informasjon

Brønnbane navn	7/1-1
Type	EXPLORATION
Formål	WILDCAT
Status	P&A
Faktakart i nytt vindu	lenke til kart
Hovedområde	NORTH SEA
Brønn navn	7/1-1
Seismisk lokalisering	LINE 66-9. SP.1597
Utvinningstillatelse	004
Boreoperatør	Amoco Norway Oil Company
Boretillatelse	55-L
Boreinnretning	MÆRSK EXPLORER
Boredager	34
Borestart	03.07.1971
Boreslutt	05.08.1971
Frigitt dato	05.08.1973
Publiseringsdato	26.05.2009
Opprinnelig formål	WILDCAT
Gjenåpnet	NO
Innhold	DRY
Funnbrønnbane	NO
Avstand, boredekk - midlere havflate [m]	34.0
Vanndybde ved midlere havflate [m]	82.0
Totalt målt dybde (MD) [m RKB]	2808.0
Maks inklinasjon [°]	1
Temperatur ved bunn av brønnbanen [°C]	93
Eldste penetrerte alder	TRIASSIC
Eldste penetrerte formasjon	SKAGERRAK FM
Geodetisk datum	ED50
NS grader	57° 47' 52'' N
ØV grader	2° 9' 56'' E
NS UTM [m]	6406647.32
ØV UTM [m]	450397.19
UTM sone	31
NPDID for brønnbanen	192

Brønnhistorie

General

Well 7/1-1 was drilled on the J{ren High in the southern part of the North Sea, ca 8 km east of the UK border line.

Operations and results

Wildcat well 7/1-1 was spudded with the semi-submersible installation Sedco 135 F on 3 July 1971 and drilled to TD at 2808 m in the Triassic Skagerrak Formation. There were indications of shallow gas at 472 m, otherwise no significant problems were reported from the drilling operations.

The well penetrated Quaternary and Tertiary sediments with no significant sand development down to a depth of 2224 m where Cretaceous Chalk of the Tor Formation was encountered. The Cretaceous section continued down to 2661 m where the sandy Triassic Skagerrak Formation was encountered. The well was dry and no shows were reported from the well other than those originating from diesel added to the mud.

Two cores were cut, one from 2243.3 to 2261.6 m in the Tor Formation and the other from 2451.2 to 2468.9 m in the Hod Formation. No wire line fluid samples were taken.

The well was permanently abandoned on 5 August 1971 as a dry well.

Testing

No drill stem test was performed.

Borekaks i Sokkeldirektoratet

Borekaksprøve, topp dybde [m]	Borekaksprøve, bunn dybde [m]
384.05	3028.22

Borekaks tilgjengelig for prøvetaking?	YES

Borekjerner i Sokkeldirektoratet

Kjerneprøve nummer	Kjerneprøve - topp dybde	Kjerneprøve - bunn dybde	Kjerneprøve dybde - enhet
1	7360.0	7385.0	[ft]
2	8042.0	8100.0	[ft]

Total kjerneprøve lengde [m]	25.3
Kjerner tilgjengelig for prøvetaking?	YES

Palynologiske preparater i Sokkeldirektoratet

Prøve dybde	Dybde enhet	Prøve type	Laboratorie
5680.0	[ft]	DC	RRI
5720.0	[ft]	DC	RRI
5760.0	[ft]	DC	RRI
5800.0	[ft]	DC	RRI
5840.0	[ft]	DC	RRI
5880.0	[ft]	DC	RRI
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
6240.0	[ft]	DC	RRI
6300.0	[ft]	DC	RRI
6360.0	[ft]	DC	RRI
6420.0	[ft]	DC	RRI
6480.0	[ft]	DC	RRI
6540.0	[ft]	DC	RRI
6600.0	[ft]	DC	RRI
6660.0	[ft]	DC	RRI
6720.0	[ft]	DC	RRI
6780.0	[ft]	DC	RRI
6840.0	[ft]	DC	RRI
6900.0	[ft]	DC	RRI
6960.0	[ft]	DC	RRI
7020.0	[ft]	DC	RRI
7080.0	[ft]	DC	RRI
7140.0	[ft]	DC	RRI
7200.0	[ft]	DC	RRI
7260.0	[ft]	DC	RRI
7320.0	[ft]	DC	RRI

Litostratigrafi

Topp Dyb [mMD RKB]	Litostrat. enhet
116	NORDLAND GP
1088	HORDALAND GP
2085	ROGALAND GP
2085	BALDER FM
2098	SELE FM
2109	LISTA FM
2224	SHETLAND GP
2224	TOR FM
2390	HOD FM
2634	CROMER KNOLL GP
2634	RØDBY FM
2661	NO GROUP DEFINED
2661	SKAGERRAK FM

Geokjemisk informasjon

Dokument navn	Dokument format	Dokument størrelse [KB]
192_1	pdf	0.46

Dokumenter - eldre Sokkeldirektoratets WDSS rapporter og andre relaterte dokumenter

Dokument navn	Dokument format	Dokument størrelse [KB]
192_01_WDSS_General_Information	pdf	0.15

Dokumenter - rapportert av utvinningstillatelsen (frigitt ihht til regelverk)

Dokument navn	Dokument format	Dokument størrelse [KB]
192_00_7_1_1_Completion_log	pdf	2.84
192_00_7_1_1_Completion_Report	pdf	0.62

Dokumenter - Sokkeldirektoratets publikasjoner

Dokument navn	Dokument format	Dokument størrelse [KB]
192_01_NPD_Paper_No.31_Lithology__Norwegian_Danish_Basin__Well_7_1_1	pdf	33.18
192_02_NPD_Paper_No.31_Correlation_chart_1__Well_7_1_1	pdf	0.49

Logger

Type logg	Topp dyp for logg [m]	Bunn dyp for logg [m]
CBL	152	367
IEL SP	367	1600
SON GR CALI CBL	100	367
TEMP	152	367

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	154.0	36	159.0	0.00	LOT
SURF.COND.	20	367.0	26	381.0	0.00	LOT
INTERM.	13 3/8	1571.0	17 1/2	1601.0	0.00	LOT
OPEN HOLE		2808.0	12 1/4	2808.0	0.00	LOT

Boreslam

Dybde MD [m]	Egenvekt, slam [g/cm3]	Viskositet, slam [mPa.s]	Flytegrense [Pa]	Type slam	Dato, måling
137	1.13			water-based	
381	1.17			water-based	
856	1.29			water-based	
1409	1.46			water-based	
1600	1.46			water-based	
2451	1.50			water-based	
2807	1.48			water-based	