



Generell informasjon

Brønnbane navn	30/11-2
Type	EXPLORATION
Formål	WILDCAT
Status	P&A
Faktakart i nytt vindu	lenke til kart
Hovedområde	NORTH SEA
Brønn navn	30/11-2
Seismisk lokalisering	LINE 304003 SP.2080
Utvinningstillatelse	035
Boreoperatør	A/S Norske Shell
Boretillatelse	123-L
Boreinnretning	OCEAN VOYAGER
Boredager	30
Borestart	18.03.1975
Boreslutt	16.04.1975
Frigitt dato	16.04.1977
Publiseringsdato	08.12.2015
Opprinnelig formål	WILDCAT
Gjenåpnet	NO
Innhold	DRY
Funnbrønnbane	NO
Avstand, boredekk - midlere havflate [m]	24.0
Vanndybde ved midlere havflate [m]	110.0
Totalt målt dybde (MD) [m RKB]	2590.0
Maks inklinasjon [°]	1.75
Temperatur ved bunn av brønnbanen [°C]	63
Eldste penetrerte alder	LATE CRETACEOUS
Eldste penetrerte formasjon	SHETLAND GP
Geodetisk datum	ED50
NS grader	60° 7' 33.2" N
ØV grader	2° 39' 5.2" E
NS UTM [m]	6665638.49
ØV UTM [m]	480631.38
UTM sone	31
NPDID for brønnbanen	397



Brønnhistorie

General

Well 30/11-2 was drilled on the Bjørgvin Arch between the Stord Basin and the Frigg Field in the North Sea. The primary objective was a potential stratigraphic trap, formed by a shale-out of the Early Eocene "Frigg Sand" equivalent. Secondary objectives were sand bodies in the under-lying Paleocene (Cod and Danian Sands).

Operations and results

Wildcat well 30/11-2 was spudded with the semi-submersible installation Ocean Vanguard on 18 March 1975 and drilled to TD at 2590 m in the Late Cretaceous Shetland Gp. A shallow gas incident occurred at 343 m where the total mud gas increased to more than 30% for 5 minutes. The mud weight was increased to 490 psi. No further significant problem was encountered in the operations. The well was drilled with seawater and viscous slugs down to 215 m, with H921 Polymer/lignosulphonate/Gel and Ferrobar weighting material from 215 m to 1158 m, and with Dextrid/gel/lignosulphonate and Ferrobar weighting material from 1158 m to TD.

All targets including the Frigg sand were water bearing. The Frigg Formation was encountered at 2052 m and was 86 m thick. Based on petrophysical analysis it contain 58 m net sand (N/G = 0.69) with 33% average porosity. The Cod and Danian Sands were absent, or represented only by thin sandstone streaks and tight siltstones. Apart from the shallow gas, all gas readings were low throughout the well. The only oil show described was "a very faint solvent cut fluorescence" on a sidewall core from 2120.2 m in the Frigg sand.

No cores were cut and no fluid sample was taken.

The well was permanently abandoned on 16 April 1975 as a dry well.

Testing

No drill stem test was performed.

Borekaks i Sokkeldirektoratet

Borekaksprøve, topp dybde [m]	Borekaksprøve, bunn dybde [m]
219.46	2587.75

Borekaks tilgjengelig for prøvetaking?	YES
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Litostratigrafi

Topp Dyb [mMD RKB]	Litostrat. enhet
133	NORDLAND GP
515	UTSIRA FM



775	HORDALAND GP
2052	FRIGG FM
2138	ROGALAND GP
2138	BALDER FM
2362	LISTA FM
2461	VÅLE FM
2538	SHETLAND GP

Dokumenter - eldre Sökkeldirektoratets WDSS rapporter og andre relaterte dokumenter

Dokument navn	Dokument format	Dokument størrelse [KB]
397_01_WDSS_General_Information	pdf	0.22

Dokumenter - rapportert av utvinningstillatelsen (frigitt ihht til regelverk)

Dokument navn	Dokument format	Dokument størrelse [KB]
397_30_11_2_COMPLETION_LOG	pdf	1.97
397_30_11_2_COMPLETION_REPORT	pdf	8.82

Logger

Type logg	Topp dyp for logg [m]	Bunn dyp for logg [m]
B	438	1213
BHC GR	438	2538
CDM	1220	2541
DDL MSFL	1829	2590
FDC CNL	1829	2950
GR	132	438
IES	438	2541
VELOCITY	438	2538

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	209.0	36	216.0	0.00	





SURF.COND.	13 3/8	438.0	17 1/2	445.0	0.00	
INTERM.	9 5/8	1220.0	12 1/4	1229.0	0.00	
OPEN HOLE		2590.0	8 1/2	2590.0	0.00	

Boreslam

Dybde MD [m]	Egenvekt, slam [g/cm3]	Viskositet, slam [mPa.s]	Fllytegrense [Pa]	Type slam	Dato, måling
215	1.06			waterbased	
445	1.13			waterbased	
1228	1.12			waterbased	
2587	1.18			waterbased	