



Generell informasjon

Brønnbane navn	15/6-2
Type	EXPLORATION
Formål	APPRAISAL
Status	SUSPENDED
Faktakart i nytt vindu	lenke til kart
Hovedområde	NORTH SEA
Felt	GINA KROG
Funn	15/5-1 Gina Krog
Brønn navn	15/6-2
Seismisk lokalisering	SC 23 SP.7490
Utvinningstillatelse	029
Boreoperatør	Esso Exploration and Production Norway A/S
Boretillatelse	62-L
Boreinnretning	GLOMAR GRAND ISLE
Boredager	48
Borestart	09.09.1971
Boreslutt	26.10.1971
Frigitt dato	26.10.1973
Publiseringsdato	24.09.2015
Opprinnelig formål	WILDCAT
Gjenåpnet	NO
Innhold	SHOWS
Funnbrønnbane	NO
Avstand, boredekk - midlere havflate [m]	9.0
Vanndybde ved midlere havflate [m]	115.0
Totalt målt dybde (MD) [m RKB]	3131.0
Temperatur ved bunn av brønnbanen [°C]	100
Eldste penetrerte alder	LATE CRETACEOUS
Eldste penetrerte formasjon	SHETLAND GP
Geodetisk datum	ED50
NS grader	58° 32' 47.58" N
ØV grader	1° 41' 54.09" E
NS UTM [m]	6490444.74
ØV UTM [m]	424236.03
UTM sone	31
NPDID for brønnbanen	317



Brønnhistorie

General

Well 15/6-2 was drilled in the Ve Sub-basin in the North Sea, ca 5 km north of the Sleipner Field. It is the replacement well for 15/6-1, which was junked for technical reasons. The objective was to evaluate a deep-seated structure in the Scottish-Norwegian Graben. The target was Eocene to Paleocene sandstones.

Operations and results

Wildcat well 15/6-2 was spudded with the drill vessel on 9 September 1971 and drilled to TD at 3131 m in the Shetland Group. No drilling problems were encountered, however, due to deviation problems around 1311 m a planned FIT was aborted, as the tool would not go beyond this depth. Initial drilling from the sea floor to 1330 m was with seawater and gel. Below 1330 m, a fresh water Spersene XP-20 mud system was used.

The Paleocene section contained abundant potential sandstone reservoirs (Heimdal Formation) with thin beds of clay becoming marly below 2390. Significant shows were encountered in the interval 2223 to 2236 m in the upper Heimdal Formation. The cuttings, sidewall and conventional cores corroborated the shows. Weak shows were recorded also on numerous sidewall cores between 2303 and 2604 m. However, other evidence did not substantiate these shows and the reservoir was assumed water wet below 2236 m. The Danian (2676 to 2735 m, Våle Formation) consisted of a sequence of thinly interbedded sandstones, clays, shales and chalky limestones. No shows were reported in this section. The Late Cretaceous section, from 2735 m to 3106 m, was predominantly limestone with thin interbeds of shale. Thin interbeds of sandstone were also noted. There were no shows in the Late Cretaceous.

Three cores were cut. Core 1 was cut from 2236 to 2242 m with 100% recovery, core 2 was cut from 2336.6 to 2343.9 m with 42% recovery, and core 3 was cut from 2695.3 to 2699.3 m with 46% recovery. No fluid samples were taken.

The well was suspended on 26 October 1971 as a well with shows.

Testing

No drill stem test was performed.

Borekaks i Sokkeldirektoratet

Borekaksprøve, topp dybde [m]	Borekaksprøve, bunn dybde [m]
377.95	4779.26

Borekaks tilgjengelig for prøvetaking?	YES
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Borekjerter i Sokkeldirektoratet



Kjerneprøve nummer	Kjerneprøve - topp dybde	Kjerneprøve - bunn dybde	Kjerneprøve dybde - enhet
1	7336.0	7356.0	[ft]
2	7666.0	7670.0	[ft]
3	8843.0	8849.0	[ft]

Total kjerneprøve lengde [m]	9.1
Kjerner tilgjengelig for prøvetaking?	YES

Palynologiske preparater i Sokkeldirektoratet

Prøve dybde	Dybde enhet	Prøve type	Laboratorie
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2.0	[ft]	DC	
3.0	[ft]	DC	
4.0	[ft]	DC	
5.0	[ft]	DC	
6.0	[ft]	DC	
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Faktasider

Brønnbane / Leting

Utskriftstidspunkt: 31.5.2024 - 14:01

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Dokumenter - eldre Sokkeldirektoratets WDSS rapporter og andre relaterte dokumenter

Dokument navn	Dokument format	Dokument størrelse [KB]
317 01 WDSS General Information	pdf	0.29

Dokumenter - rapportert av utvinningstillatelsen (frigitt ihht til regelverk)

Dokument navn	Dokument format	Dokument størrelse [KB]
317 15 6 2 COMPLETION LOG	pdf	3.45
317 15 6 2 COMPLETION REPORT	pdf	4.63

Logger

Type logg	Topp dyp for logg [m]	Bunn dyp for logg [m]
BHC	1313	3122
CAL	2695	3073
DIL	1314	2704
GR	149	1313
IES	2134	3125

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	149.0	36	155.0	0.00	
SURF.COND.	20	364.0	26	378.0	0.00	
INTERM.	13 3/8	1310.0	17 1/2	1330.0	0.00	
INTERM.	9 5/8	2679.0	12 1/4	2703.0	0.00	

