



Generell informasjon

Brønnbane navn	25/8-3
Type	EXPLORATION
Formål	APPRAISAL
Status	P&A
Faktakart i nytt vindu	lenke til kart
Hovedområde	NORTH SEA
Felt	BALDER
Funn	25/8-10 S Ringhorne
Brønn navn	25/8-3
Seismisk lokalisering	C 79 - 1 SP: 196
Utvinningstillatelse	027
Boreoperatør	Esso Exploration and Production Norway A/S
Boretillatelse	280-L
Boreinnretning	GLOMAR BISCAY II
Boredager	29
Borestart	20.03.1981
Boreslutt	17.04.1981
Frigitt dato	17.04.1983
Publiseringsdato	01.08.2010
Opprinnelig formål	APPRAISAL
Gjenåpnet	NO
Innhold	OIL
Funnbrønnbane	NO
1. nivå med hydrokarboner, alder	PALEOCENE
1. nivå med hydrokarboner, formasjon.	HERMOD FM
2. nivå med hydrokarboner, alder	PALEOCENE
2. nivå med hydrokarboner, formasjon	HEIMDAL FM
Avstand, boredekk - midlere havflate [m]	25.0
Vanndybde ved midlere havflate [m]	130.0
Totalt målt dybde (MD) [m RKB]	1868.0
Maks inklinasjon [°]	1.8
Temperatur ved bunn av brønnbanen [°C]	50
Eldste penetrerte alder	PALEOCENE
Eldste penetrerte formasjon	EKOFISK FM



Geodetisk datum	ED50
NS grader	59° 16' 21.53" N
ØV grader	2° 31' 18.25" E
NS UTM [m]	6570661.95
ØV UTM [m]	472738.96
UTM sone	31
NPDID for brønnbanen	364

Brønnhistorie

General

Well 25/8-3 was drilled in the northern part of the Utsira High in the North Sea. The main purpose was to establish the presence of a thick accumulation of Paleocene oil sand, and evaluate the Paleocene sand-shale distribution and reservoir quality in the area. The top of the reservoir was anticipated to be at 1668 m subsea.

Operations and results

Wildcat well 25/8-3 was spudded with the semi-submersible installation Glomar Biscay II on 20 March 1981 and drilled to TD at 1868 m in the Danian Ekofisk Formation. A total of 159.25 hours, or more than 23% of the total time spent on this well, were lost due to downtime in the categories of: Subsea and Surface BOP Equipment Repairs and Casing and Wellhead. The well was drilled seawater and hi-vis pills down to 219 m and with seawater/gel/Lignosulphonate from 219 m to TD.

The top of the Paleocene reservoir (Hermod Formation) was encountered 64.5 m lower than predicted at 1757.5 m and the net oil sand was 9.5 m thick, which is close to what was found in the 25/8-1 well to the southwest. The results were disappointing as there was much less sand than had been anticipated. However, shows of hydrocarbons were found in thin sand stringers throughout the interval 1667-1784 m, suggesting that the OWC might be at 1784 m (1759 m TVD SS), about the same as in the Balder field.

One core was cut from 1859 m to 1868 m in the Ekofisk Formation Chalk/Limestone and recovered 90%. Reservoir data was limited to mud logs and electric logs. No wire line fluid samples were taken.

The well was permanently abandoned on 17 April 1981. It is classified as an oil appraisal of the 25/8-10 S Ringhorne Discovery.

Testing

No drill stem test was performed.

Borekaks i Sokkeldirektoratet

Borekaksprøve, topp dybde [m]	Borekaksprøve, bunn dybde [m]
220.00	1860.00

Borekaks tilgjengelig for prøvetaking?	NO
--	----



Palynologiske preparater i Søkeldirektoratet

Prøve dybde	Dybde enhet	Prøve type	Laboratorie
1651.0	[m]	DC	RRI
1669.0	[m]	DC	RRI
1690.0	[m]	DC	RRI
1705.0	[m]	DC	RRI
1714.0	[m]	DC	RRI
1729.0	[m]	DC	RRI
1741.0	[m]	DC	RRI
1750.0	[m]	DC	RRI
1759.0	[m]	DC	RRI
1768.0	[m]	DC	RRI
1780.0	[m]	DC	RRI
1783.0	[m]	DC	OD
1792.0	[m]	DC	OD
1795.0	[m]	DC	RRI
1798.0	[m]	DC	OD
1810.0	[m]	DC	RRI
1830.0	[m]	DC	RRI
1840.0	[m]	DC	RRI
1840.0	[m]	DC	OD

Litostratigrafi

Topp Dyb [mMD RKB]	Litostrat. enhet
155	NORDLAND GP
623	UTSIRA FM
700	NO FORMAL NAME
750	HORDALAND GP
750	SKADE FM
945	NO FORMAL NAME
1005	SKADE FM
1031	NO FORMAL NAME
1667	ROGALAND GP
1667	BALDER FM
1733	SELE FM
1753	HERMOD FM



1767	SELE FM
1770	LISTA FM
1783	HEIMDAL FM
1787	LISTA FM
1794	HEIMDAL FM
1835	LISTA FM
1841	SHETLAND GP
1841	EKOFISK FM

Dokumenter - eldre Sokkeldirektoratets WDSS rapporter og andre relaterte dokumenter

Dokument navn	Dokument format	Dokument størrelse [KB]
364_01_WDSS_General_Information	pdf	0.09
364_02_WDSS_completion_log	pdf	0.15

Dokumenter - rapportert av utvinningstillatelsen (frigitt ihht til regelverk)

Dokument navn	Dokument format	Dokument størrelse [KB]
364_25_8_3_Completion_log	pdf	1.11

Logger

Type logg	Topp dyp for logg [m]	Bunn dyp for logg [m]
DEN NEU GR	1300	1859
DIP	1310	1859
DLL ML	1600	1859
IEL BHC GR SP	150	1858
SWC	1645	1838
VELOCITY	200	1800

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	218.0	36	219.0	0.00	LOT
INTERM.	13 3/8	487.0	17 1/2	502.0	1.77	LOT





INTERM.	9 5/8	1304.0	12 1/4	1324.0	1.80	LOT
OPEN HOLE		1868.0	8 1/2	1868.0	0.00	LOT

Boreslam

Dybde MD [m]	Egenvekt, slam [g/cm ³]	Viskositet, slam [mPa.s]	Flytegrense [Pa]	Type slam	Dato, måling
260	1.07	36.0		waterbased	
420	1.08	36.0		waterbased	
800	1.05	33.0		waterbased	
1150	1.06	45.0		waterbased	
1460	1.70	46.0		waterbased	
1550	1.60	53.0		waterbased	