



Generell informasjon

Brønnbane navn	34/8-14 C
Type	EXPLORATION
Formål	APPRAISAL
Status	P&A
Pressemelding	lenke til pressemelding
Faktakart i nytt vindu	lenke til kart
Hovedområde	NORTH SEA
Felt	VISUND SØR
Funn	34/8-14 S Visund Sør
Brønn navn	34/8-14
Seismisk lokalisering	Survey ST0404:inline 1417 & crossline 1635
Utvinningstillatelse	120
Boreoperatør	StatoilHydro ASA
Boretillatelse	1220-L
Boreinnretning	BORGLAND DOLPHIN
Boredager	7
Borestart	02.12.2008
Boreslutt	08.12.2008
Frigitt dato	08.12.2010
Publiseringsdato	08.12.2010
Opprinnelig formål	APPRAISAL
Gjenåpnet	NO
Innhold	OIL/GAS
Funnbrønnbane	NO
1. nivå med hydrokarboner, alder	MIDDLE JURASSIC
1. nivå med hydrokarboner, formasjon.	TARBERT FM
Avstand, boredekk - midlere havflate [m]	31.0
Vanndybde ved midlere havflate [m]	292.0
Totalt målt dybde (MD) [m RKB]	3820.0
Totalt vertikalt dybde (TVD) [m RKB]	3039.0
Maks inklinasjon [°]	55.5
Eldste penetrerte alder	MIDDLE JURASSIC
Eldste penetrerte formasjon	RANNOCH FM
Geodetisk datum	ED50
NS grader	61° 18' 37.9" N



ØV grader	2° 20' 32.9" E
NS UTM [m]	6797715.24
ØV UTM [m]	464783.40
UTM sone	31
NPDID for brønnbanen	6021

Brønnhistorie

General

Well 34/8-14 S with geological sidetracks A, B, C, and D were drilled on the Pan/Pandora prospect on the structural trend between the Visund and the Gimle Fields in the northern North Sea. The western part of the structure, the Pan structure, is defined by rotated fault blocks while the eastern part, the Pandora structure, consists of slided degradational blocks. The general objective of all the wells was to test the hydrocarbon potential in the structure. Both of the wells 34/8-14 S (Pan) and 34/8-14 A (Pandora) proved hydrocarbons in the Brent Group down to top of the Ness Formation shales. The main objective of the appraisal well 34/8-14 C was to prove the OWC in the good Tarbert Formation sandstone in the Pandora structure.

Operations and results

Wildcat well 34/8-14 C was kicked off at 3075 m in well 34/8-14 A with the semi-submersible installation Borgland Dolphin on 2 December 2008 and drilled to TD at 3820 m (3039 m TVD) in the Early Jurassic Rannoch Formation. The well was drilled with XP-07 OBM from kick-off to TD.

Top Brent Group in well 34/8-14 C was encountered at 3544 m (2867 m TVD RKB/2836 m TVD MSL). Surprisingly, both the GOC and the OWC came in shallower than in well 34/8-14 A, at 3583 m (2892 m TVD RKB) and 3591 m (2897 m TVD RKB), respectively. The oil column in well 34/8-14 C was only 6 meters TVD. The OWC in well 34/8-14 C was approximately the same as the OWC in the 34/8-9 S well in the neighbouring S1E segment of the Visund Field.

No cores were cut. The MDT was run for pressure points only, no fluid samples were taken.

The well was plugged back and permanently abandoned on 8 December 2008 as an oil and gas appraisal.

Testing

No drill stem test was performed.

Litostratigrafi

Topp Dyb [mMD RKB]	Litostrat. enhet
323	NORDLAND GP
1002	UTSIRA FM
1115	HORDALAND GP



1397	NO FORMAL NAME
1452	NO FORMAL NAME
1482	NO FORMAL NAME
1507	NO FORMAL NAME
1915	ROGALAND GP
1915	BALDER FM
2011	SELE FM
2028	LISTA FM
2187	SHETLAND GP
2187	JORSALFARE FM
2376	KYRRE FM
3469	CROMER KNOLL GP
3506	VIKING GP
3506	DRAUPNE FM
3514	HEATHER FM
3544	BRENT GP
3544	TARBERT FM
3629	NESS FM
3684	ETIVE FM
3722	RANNOCH FM

Logger

Type logg	Topp dyp for logg [m]	Bunn dyp for logg [m]
LWD - GR RES DEN NEU SON FP SVWD	3075	3820

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
OPEN HOLE		3820.0	8 1/2	3820.0	0.00	LOT

Boreslam

Dybde MD [m]	Egenvekt, slam [g/cm3]	Viskositet, slam [mPa.s]	Flytegrense [Pa]	Type slam	Dato, måling
2212	1.60	25.0		OBM-Low ECD	
2265	1.60	25.0		OBM-Low ECD	



Faktasider

Brønnbane / Leting

Utskriftstidspunkt: 11.5.2024 - 07:36

2290	1.60	26.0		OBM-Low ECD	
2315	1.60	26.0		OBM-Low ECD	
2362	1.60	26.0		OBM-Low ECD	
2362	1.60	25.0		OBM-Low ECD	