



Generell informasjon

Brønnbane navn	33/9-20 S
Type	EXPLORATION
Formål	APPRAISAL
Status	P&A
Pressemelding	lenke til pressemelding
Faktakart i nytt vindu	lenke til kart
Hovedområde	NORTH SEA
Funn	33/9-6 DELTA
Brønn navn	33/9-20
Seismisk lokalisering	MC3D-211/19 inline 2957& xline 2620
Utvinningstillatelse	037 D
Boreoperatør	Wintershall Norge AS
Boretillatelse	1104-L
Boreinnretning	MURCHISON A
Boredager	47
Borestart	25.07.2006
Boreslutt	09.09.2006
Frigitt dato	09.09.2008
Publiseringsdato	18.12.2008
Opprinnelig formål	APPRAISAL
Gjenåpnet	NO
Innhold	DRY
Funnbrønnbane	NO
Avstand, boredekk - midlere havflate [m]	56.3
Vanndybde ved midlere havflate [m]	156.0
Totalt målt dybde (MD) [m RKB]	5502.3
Totalt vertikalt dybde (TVD) [m RKB]	3158.0
Maks inklinasjon [°]	64.8
Temperatur ved bunn av brønnbanen [°C]	119
Eldste penetrerte alder	MIDDLE JURASSIC
Eldste penetrerte formasjon	ETIVE FM
Geodetisk datum	ED50
NS grader	61° 23' 48.26" N
ØV grader	1° 44' 27.25" E
NS UTM [m]	6807790.25
ØV UTM [m]	432751.22



UTM sone	31
NPDID for brønnbanen	4143

Brønnhistorie

General

Well 33/9-20 S (211/19-M75) was drilled from the Murchison Field (UK) into the Norwegian PL037D license. The objective was to test the Blåmann prospect at Brent Group level located east of the producing Murchison MR-segment. The reservoir quality was assumed to be moderate in the Tarbert/Ness Formations reservoir units, but excellent in the Etive Formations. A 65 m TVD oil column was expected.

Operations and results

Well 33/9-20 S was spudded from the Murchison Platform through slot 23 on 25 July 2006. It was sidetracked out of the 13 3/8" casing at ca 1387 m and drilled to TD at 5502 m (3158 m TVD) in the Middle Jurassic Etive Formation. The well was drilled with Versaclean UFG oil based mud all through.

The Base Cretaceous Unconformity was found 11 m TVD deeper than prognosed. The Heather shale was 30 m TVD thicker than prognosed and the top Tarbert Formation was found 44 m TVD deeper than prognosed. No hydrocarbons were encountered in the reservoir section even though the top Tarbert Formation was found 21 m TVD above the expected oil water contact. No shows are reported from the well.

The well was logged by MWD/LWD only; no logs were run on wire line. No cores were cut and no wire line fluid samples were taken.

The well was permanently abandoned on 9 September 2006 as a dry well.

Testing

No drill stem test was performed.

Borekaks i Sokkeldirektoratet

Borekaksprøve, topp dybde [m]	Borekaksprøve, bunn dybde [m]
3785.00	6092.00

Borekaks tilgjengelig for prøvetaking?	YES
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Litostratigrafi

Topp Dyb [mMD RKB]	Litostrat. enhet
212	NORDLAND GP
2047	ROGALAND GP



2047	BALDER FM
2141	LISTA FM
2503	VÅLE FM
2538	SHETLAND GP
5014	CROMER KNOLL GP
5014	RØDBY FM
5029	SOLA FM
5102	ÅSGARD FM
5169	MIME FM
5211	VIKING GP
5211	DRAUPNE FM
5319	HEATHER FM
5390	BRENT GP
5390	TARBERT FM
5427	NESS FM
5477	ETIVE FM

Logger

Type logg	Topp dyp for logg [m]	Bunn dyp for logg [m]
MWD LWD - POWERPULS	1387	1399
MWD LWD - POWERPULS ARC ADN	4907	5502
MWD LWD - POWERPULS ARC PD	1399	4907

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	13 3/8	1393.0	17 1/2	1395.0	1.61	LOT
INTERM.	9 5/8	4901.0	12 1/4	4907.0	0.00	LOT
OPEN HOLE		5501.0	8 1/2	5502.0	0.00	LOT

Boreslam

Dybde MD [m]	Egenvekt, slam [g/cm3]	Viskositet, slam [mPa.s]	Flytegrense [Pa]	Type slam	Dato, måling
1894	1.55		69.0	waterbased	
2493	1.55		69.0	waterbased	



Faktasider

Brønnbane / Leting

Utskriftstidspunkt: 10.5.2024 - 15:27

2560	1.43		69.0	waterbased	
4449	1.56		57.0	waterbased	
5546	1.53		74.0	waterbased	