Generell informasjon

Brønnbane navn	30/3-8 A
Type	EXPLORATION
Formål	APPRAISAL
Status	P&A
Faktakart i nytt vindu	lenke til kart
Hovedområde	NORTH SEA
Felt	VESLEFRIKK
Funn	30/3-2 Veslefrikk
Brønn navn	30/3-8
Seismisk lokalisering	Inline 321& crossline 639
Utvinningstillatelse	052
Boreoperatør	Den norske stats oljeselskap a.s
Boretillatelse	969-L
Boreinnretning	VESLEFRIKK A
Boredager	19
Borestart	05.05.2000
Boreslutt	23.05.2000
Frigitt dato	23.05.2002
Publiseringsdato	06.01.2014
Opprinnelig formål	APPRAISAL
Gjenåpnet	NO
Innhold	OIL SHOWS
Funnbrønnbane	NO
Avstand, boredekk - midlere havflate [m]	56.0
Vanndybde ved midlere havflate [m]	175.0
Totalt målt dybde (MD) [m RKB]	6208.0
Totalt vertikalt dybde (TVD) [m RKB]	3330.0
Maks inklinasjon [°]	90.4
Eldste penetrerte alder	MIDDLE JURASSIC
Eldste penetrerte formasjon	NESS FM
Geodetisk datum	ED50
NS grader	60° 46' 57.87'' N
ØV grader	2° 53' 52.27'' E
NS UTM [m]	6738752.12
ØV UTM [m]	494437.31
UTM sone	31
NPDID for brønnbanen	3995

Brønnhistorie

General

Well 30/3-8 A is a sidetrack to well 30/3-8 S and was drilled as an appraisal well on the Veslefrikk Field on the northern part of the Brage Horst in the North Sea.

Operations and results

Well 30/3-8 A was kicked off from 4106 m in 30/3-8 S on 5 May 2000. I was drilled through slot 7 on the Veslefrikk A platform to 5021 m. As with the primary 30/3-8 S hole problems occurred, possibly connected to a fault, and it proved impossible to run 9 5/8" liner past 4720 m. The hole was then temporary abandoned from 22 May up to 29 November 2000 when it was re-entered again and a technical sidetrack was kicked off from a window in the 9 5/8" liner at 4435 m in the Oseberg Formation. This sidetrack, named 30/3-8 A T2, was drilled to final TD at 6208 m (3330 m) in the Ness Formation. The well path in the T2 track had a deviation beginning with ca 75 deg and ended at ca 90 deg at TD, lifting the well path more than 10 m TVD above the A-track in order to avoid the troublesome Drake Formation. The well path was kept mainly within the Middle Jurassic Brent Group, crossing faults 16 times. The A and A T2 well tracks were drilled with Versavert oil based mud all through.

A total of 60 m (10 - 12 m TVD) of net sand with an average porosity of 15 - 16 % and an average hydrocarbon saturation of 50 - 55 % was interpreted in the interval 5265 m to 6129 m in the A T2. This is based on CPI logs, and the hydrocarbon type could not be established. The gas log could indicate oil / condensate in the upper part of the well while the lower HC filled zones probably contain gas. No contacts were established.

No cores were cut. MDT pressures were recorded only in the A track from 4125 to 4229. No wire line fluid samples were taken in any of the well tracks.

The well was suspended on 28 December 2000. It was permanently plugged and abandoned in March 2002.

Testing

No drill stem test was performed.

Litostratigrafi

Topp Dyb [mMD RKB]	Litostrat. enhet
231	NORDLAND GP
2596	ROGALAND GP
2596	BALDER FM
2714	SELE FM
2751	LISTA FM
3001	SHETLAND GP
4034	CROMER KNOLL GP
4053	VIKING GP
4053	DRAUPNE FM

4054	HEATHER FM
4095	BRENT GP
4095	TARBERT FM
4100	NESS FM
4225	ETIVE FM
4250	RANNOCH FM
4286	OSEBERG FM
4554	DRAKE FM
4654	DUNLIN GP
4654	DRAKE FM
4752	NESS FM
4760	BRENT GP
4760	NESS FM
4801	ETIVE FM
4821	RANNOCH FM
4827	DRAKE FM
4830	OSEBERG FM
4858	ETIVE FM

Dokumenter - rapportert av utvinningstillatelsen (frigitt ihht til regelverk)

Dokument navn	Dokument format	Dokument størrelse [KB]
3995_30_3_8_A_COMPLETION_LOG	.PDF	0.58
3995_30_3_8_A_COMPLETION_REPORT	.pdf	5.59

Logger

Type logg	Topp dyp for logg [m]	Bunn dyp for logg [m]
ADN	4107	5003
GR MDT	4125	4642
MPR GR RES	4097	5020

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
INTERM.	9 5/8	4424.0	12 1/4	5021.0	0.00	LOT
LINER	5	5940.0	8 1/2	6208.0	0.00	LOT

Boreslam

Dybde MD [m]	Egenvekt, slam [g/cm3]	Viskositet, slam [mPa.s]	Flytegrense [Pa]	Type slam	Dato, måling
3940	1.60	72.0		VERSAVERT	
4425	1.39	46.0		VERSAVERT	
4565	1.39	39.0		VERSAVERT	
6208	1.39	52.0		VERSAVERT	

Trykkplott

Porertrykksdataene kommer fra logging i brønnen hvis ingen annen kilde er oppgitt. I noen brønner der trykk ikke er logget, er det brukt informasjon fra formasjonstester eller brønnspark. Trykkdataene er rapportert inn til Oljedirektoratet og videre prosessert og kvalitetssikret av IHS Markit.

Dokument navn	Dokument format	Dokument størrelse [KB]
3995_Formation_pressure_(Formasjonstrykk)	pdf	0.20