



Generell informasjon

Brønnbane navn	34/8-19 S
Type	EXPLORATION
Formål	WILDCAT
Status	PLUGGED
Pressemelding	lenke til pressemelding
Faktakart i nytt vindu	lenke til kart
Hovedområde	NORTH SEA
Brønn navn	34/8-19
Seismisk lokalisering	ST15003D15. IL2541/XL1559. IL2552/XL1576
Utvinningstillatelse	120
Boreoperatør	Equinor Energy AS
Boretillatelse	1692-L
Boreinnretning	DEEPSEA ATLANTIC
Boredager	9
Borestart	12.06.2018
Boreslutt	20.06.2018
Frigitt dato	20.06.2020
Publiseringsdato	20.06.2020
Opprinnelig formål	WILDCAT
Gjenåpnet	NO
Innhold	DRY
Funnbrønnbane	NO
Avstand, boredekk - midlere havflate [m]	30.0
Vanndybde ved midlere havflate [m]	378.0
Totalt målt dybde (MD) [m RKB]	6100.0
Totalt vertikalt dybde (TVD) [m RKB]	3145.5
Maks inklinasjon [°]	89.5
Eldste penetrerte alder	EARLY JURASSIC
Eldste penetrerte formasjon	AMUNDSEN FM
Geodetisk datum	ED50
NS grader	61° 26' 6.84" N
ØV grader	2° 35' 24.37" E
NS UTM [m]	6811498.32
ØV UTM [m]	478133.35
UTM sone	31
NPDID for brønnbanen	8396



Brønnhistorie

General

Well 34/8-19 S was drilled to test the Aegir prospect on the northern part of the Visund field in the North Sea. The primary objective was to test sandstones in the Early Jurassic Cook Formation and Late Triassic Statfjord Group, below the main Brent Group reservoir of the Visund Field. The well is a side-track from development well 34/8-D-4AH.

Operations and results

Wildcat well 34/8-19 S was kicked off at 4735 m (2945 m TVD) in development wellbore 34/8-D-4AH on 12 June 2018. It was drilled with the semi-submersible installation Deepsea Atlantic as a 6" hole to TD at 6100 m (3145.5 m TVD) in the Early Jurassic Amundsen Formation. Operations proceeded without significant problems. The well was drilled with Delta-Teq oil-based mud from kick-off to TD.

Claystones of the Dunlin Group, Drake Formation was encountered at 5472 m (2960 m TVD). The Cook Formation was interbedded within the Drake Formation claystones, and was penetrated twice, from 5582 to 5627 m (2966 to 2971 m TVD), and from 5738 to 5893 m (2993 to 3045 m TVD). About 22 metres were effective reservoir consisting of sandstone with mainly moderate to good reservoir quality. The lower Cook sand rested directly on sandstones belonging to the Amundsen Formation. Both the Cook and Amundsen formation sandstones were water wet. No shows are reported from the wellbore.

No cores were cut. No fluid sample was taken.

Due to technical drilling challenges, the well was not drilled to the second exploration target in the Statfjord group. The well was permanently abandoned on 20 June 2018 as a dry well.

Testing

No drill stem test was performed.

Litostratigrafi

Topp Dyb [mMD RKB]	Litostrat. enhet
408	NORDLAND GP
1037	UTSIRA FM
1195	HORDALAND GP
1846	ROGALAND GP
1846	BALDER FM
1889	SELE FM
1912	LISTA FM



2050	SHETLAND GP
3101	CROMER KNOLL GP
3108	VIKING GP
3108	DRAUPNE FM
3112	BRENT GP
3199	DUNLIN GP
3199	DRAKE FM
3671	COOK FM
3943	DRAKE FM
3986	BRENT GP
5472	DUNLIN GP
5472	DRAKE FM
5582	COOK FM
5672	DRAKE FM
5738	COOK FM
5893	AMUNDSEN FM

Logger

Type logg	Topp dyp for logg [m]	Bunn dyp for logg [m]
MWD LWD - GR RES	461	3012
MWD LWD - GR RES ECD CAL DEN NEU	2925	4653

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
	7	4734.1	8 1/2	4735.0	1.80	FIT
		6100.0	6	6100.0	0.00	

Boreslam

Dybde MD [m]	Egenvekt, slam [g/cm3]	Viskositet, slam [mPa.s]	Flytegrense [Pa]	Type slam	Dato, måling
4684	1.65	40.0		Delta-Teq	
4684	1.58	20.0		Delta-Teq	
4800	1.58	20.0		Delta-Teq	
4961	1.62	38.0		Delta-Teq	



Faktasider

Brønnbane / Leting

Utskriftstidspunkt: 15.5.2024 - 02:48

5027	1.56	34.0		Delta-Teq	
5027	1.63	39.0		Delta-Teq	
5102	1.63	31.0		Delta-Teq	
5448	1.63	31.0		Delta-Teq	
5736	1.63	35.0		Delta-Teq	
6100	1.63	43.0		Delta-Teq	