



Generell informasjon

Brønnbane navn	35/11-25 A
Type	EXPLORATION
Formål	WILDCAT
Status	PLUGGED
Pressemelding	lenke til pressemelding
Faktakart i nytt vindu	lenke til kart
Hovedområde	NORTH SEA
Brønn navn	35/11-25
Seismisk lokalisering	CGG18M01 inline: 7593 X-line: 26924
Utvinningstillatelse	090
Boreoperatør	Equinor Energy AS
Boretillatelse	1855-L
Boreinnretning	DEEPSEA ATLANTIC
Boredager	21
Borestart	15.05.2021
Boreslutt	04.06.2021
Plugget dato	04.06.2021
Frigitt dato	04.06.2023
Publiseringsdato	12.09.2023
Opprinnelig formål	WILDCAT
Gjenåpnet	NO
Innhold	DRY
Funnbrønnbane	NO
Avstand, boredekk - midlere havflate [m]	30.0
Vanndybde ved midlere havflate [m]	352.0
Totalt målt dybde (MD) [m RKB]	3741.0
Totalt vertikalt dybde (TVD) [m RKB]	3237.0
Maks inklinasjon [°]	43.2
Temperatur ved bunn av brønnbanen [°C]	128
Eldste penetrerte alder	MIDDLE JURASSIC
Eldste penetrerte formasjon	OSEBERG FM
Geodetisk datum	ED50
NS grader	61° 2' 12.85" N
ØV grader	3° 26' 53.82" E
NS UTM [m]	6767141.16
ØV UTM [m]	524218.73



UTM sone	31
NPDID for brønnbanen	9284

Brønnhistorie

General

Well 35/11-25 A is a geological side-track to well 35/11-25 S. It was drilled on the Apodida prospect on the Lomre Terrace, North of the Troll Field in the North Sea. The primary objective of well 35/11-25 A was to prove petroleum in the Late Jurassic Etive Formation.

Operations and results

Wildcat well 35/11 25 A was kicked off from 1519.4 m in the main well on 15 May 2021. It was drilled with the semi-submersible installation DeepSea Atlantic to TD at 3741 m (3237.7 m TVD) m in the Middle Jurassic Oseberg Formation. The well is vertical down to kick-off and deviated with a sail angle of ca 43 from there to TD. Operations proceeded without significant problems. The well was drilled with CarboSea oil-based mud from kick-off to 2934 m and with Syn Tec oil-based mud from 2934 m to TD.

The Late Jurassic J56 and J52 sandstones within the Heather Formation were water filled as in the main well. While drilling top Etive Formation, LWD logs indicated presence of reservoir and hydrocarbons and it was decided to core. A 72 m core was recovered, before drilling continued into the Rannoch and Oseberg formations. About 55 metres of sandstone of moderate reservoir quality was penetrated in the Etive Formation. Wireline logging was performed after programme and proved water in the Etive Formation.

There were no shows observed in the overburden. In the target reservoir interval, there were consistent shows on cuttings and core from base Ness Formation and through the Etive, Rannoch and Oseberg formations. Most shows are described as: Fair odour, no oil stain, even bright yellowish direct fluorescence, slow cloudy streaming blueish white cut fluorescence, good blueish white residual fluorescent ring.

One core was cut from 3620 to 3692 m with 100.7% recovery. Fluid sampling was performed with the RCX sampling tool in the Ness Formation at 3608.5 m. The samples recovered water. Fluid scanning (no sample) was also performed at 3573.7m MD in the Ness Formation showing water.

The well was permanently abandoned on 4 June 2021 as a dry well.

Testing

No drill stem test was performed.

Borekaks i Sokkeldirektoratet

Borekaksprøve, topp dybde [m]	Borekaksprøve, bunn dybde [m]
1540.00	3741.00

Borekaks tilgjengelig for prøvetaking?	YES
--	-----



Borekjerener i Sokkeldirektoratet

Kjerneprøve nummer	Kjerneprøve - topp dybde	Kjerneprøve - bunn dybde	Kjerneprøve dybde - enhet
1	3620.0	3692.5	[m]

Total kjerneprøve lengde [m]	72.5
Kjerner tilgjengelig for prøvetaking?	YES

Litostratigrafi

Topp Dyb [mMD RKB]	Litostrat. enhet
382	NORDLAND GP
382	UNDIFFERENTIATED
778	UTSIRA FM
809	HORDALAND GP
809	UNDIFFERENTIATED
1597	ROGALAND GP
1597	BALDER FM
1643	SELE FM
1678	LISTA FM
1797	NO FORMAL NAME
1924	LISTA FM
2006	VÅLE FM
2086	SHETLAND GP
2086	JORSALFARE FM
2262	KYRRE FM
2557	SVARTE FM
2633	VIKING GP
2633	DRAUPNE FM
2917	HEATHER FM
3007	SOGNEFJORD FM
3051	HEATHER FM
3091	SOGNEFJORD FM
3143	HEATHER FM
3543	BRENT GP
3543	NESS FM



3614	ETIVE FM
3692	RANNOCH FM
3723	OSEBERG FM

Logger

Type logg	Topp dyp for logg [m]	Bunn dyp for logg [m]
DSL CN ZDL XMAC HDIL WGI	2322	3731
DSL FTEX MREX FLEX	2933	3731
GR VSP	575	3741
LWD - GR RES DIR ECD	1528	3741
RCX SENT	3572	3668

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.	13 3/8	1510.4	16	1579.0	1.50	FIT
LINER	9 5/8	2933.0	12 1/4	2934.0	1.74	FIT
OPEN HOLE		3741.0	8 1/2	3741.0	0.00	

Boreslam

Dybde MD [m]	Egenvekt, slam [g/cm3]	Viskositet, slam [mPa.s]	flytegrense [Pa]	Type slam	Dato, måling
1607	1.36	28.0	8.0	CARBOSEA	
2940	1.22	15.0	7.0	SynTeq	
3741	1.22	15.0	7.0	SynTeq	