



Generell informasjon





Brønnbane navn	35/11-25 S
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	1854-L
Boreinnretning	DEEPSEA ATLANTIC
Boredager	16
Borestart	29.04.2021
Boreslutt	14.05.2021
Plugget dato	14.05.2021
Frigitt dato	14.05.2023
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]	3187.0
Totalt vertikalt dybde (TVD) [m RKB]	2885.0
Maks inklinasjon [°]	42.5
Eldste penetrerte alder	LATE JURASSIC
Eldste penetrerte formasjon	HEATHER 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	9283



Brønnhistorie

General

Well 35/11-25 S was drilled to test the Apodida prospect on the Lomre Terrace, North of the Troll Field in the North Sea. The primary objective of well 35/11-25 S was to prove petroleum in Late Jurassic Sandstones.

Operations and results

Wildcat well 35/11-25 S was spudded with the semi-submersible installation DeepSea Atlantic on 29 April 2021 and drilled to TD at 3187 m (2884.4 m TVD) m in the Late Jurassic Heather Formation. Drilling started with a 9 7/8" pilot hole down to 758 m to check for shallow gas or water. There was no shallow gas or water flow. The main well was drilled horizontal down to ca 1600 m and deviated to a sail angle of ca 40 to TD. Operations proceeded without significant problems. The well was drilled with seawater and hi-vis pills down to 762 m, with CarboSea oil-based mud from 762 m to 2811.5 m, and with Syn Tec oil-based mud from 2811.5 m to TD.

Well 35/11-25 S encountered about 65 metres of intra-Heather Formation sandstone (Sognefjord Formation equivalent) of good to very good reservoir quality. The well was dry all through. There were no shows described in the cuttings. Sandstone cuttings were examined, but no indications of hydrocarbon shows were observed.

No cores were cut. No wireline logging or fluid sampling was performed.

The well was plugged back for side-tracking and abandoned on 14 May 2021 as a dry well.

Testing

No drill stem test was performed.

Borekaks i Sokkeldirektoratet

Borekaksprøve, topp dybde [m]	Borekaksprøve, bunn dybde [m]
770.00	3187.00

Borekaks tilgjengelig for prøvetaking?	YES
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Litostratigrafi

Topp Dyb [mMD RKB]	Litostrat. enhet
382	NORDLAND GP
382	UNDIFFERENTIATED
778	UTSIRA FM
809	HORDALAND GP
809	UNDIFFERENTIATED
1595	ROGALAND GP



1595	BALDER FM
1641	SELE FM
1675	LISTA FM
1802	NO FORMAL NAME
1884	LISTA FM
1973	VÅLE FM
2043	SHETLAND GP
2043	JORSALFARE FM
2200	KYRRE FM
2482	SVARTE FM
2556	VIKING GP
2556	DRAUPNE FM
2795	HEATHER FM
2896	SOGNEFJORD FM
2985	HEATHER FM
3078	SOGNEFJORD FM
3127	HEATHER FM

Logger

Type logg	Topp dyp for logg [m]	Bunn dyp for logg [m]
LWD - GR RES ECD DIR	401	1579
LWD - GR RES ECD DIR DEN NEU FMP	1579	2819
LWD - GR RES ECD DIR DEN NEU SON	2819	3187

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.	20	754.7	26	758.0	1.41	
INTERM.	13 3/8	1571.0	16	1582.0	1.57	FIT
LINER	9 5/8	2818.3	12 1/4	2822.3	1.71	LOT
OPEN HOLE		3187.0	8 1/2	3187.0	0.00	

Boreslam



Dybde MD [m]	Egenvekt, slam [g/cm ³]	Viskositet, slam [mPa.s]	Fløtegrense [Pa]	Type slam	Dato, måling
748	1.21	21.0	10.0	CARBOSEA	
1514	1.36	25.0	7.0	CARBOSEA	
1579	1.21	21.0	10.0	CARBOSEA	
1605	1.36	30.0	9.0	CARBOSEA	
2822	1.20	15.0	6.0	SynTeq	
3187	1.20	15.0	6.5	SynTeq	