



Generell informasjon

Brønnbane navn	15/12-25
Type	EXPLORATION
Formål	WILDCAT
Status	P&A
Pressemelding	lenke til pressemelding
Faktakart i nytt vindu	lenke til kart
Hovedområde	NORTH SEA
Funn	15/12-25 (Jerv)
Brønn navn	15/12-25
Seismisk lokalisering	CHR20MO1 inline1478 xline5189
Utvinningstillatelse	973
Boreoperatør	Chrysaor Norge AS
Boretillatelse	1841-L
Boreinnretning	COSLIinnovator
Boredager	37
Borestart	18.02.2021
Boreslutt	26.03.2021
Plugget og forlatt dato	26.03.2021
Frigitt dato	28.02.2023
Publiseringsdato	28.02.2023
Opprinnelig formål	WILDCAT
Gjenåpnet	NO
Innhold	GAS/CONDENSATE
Funnbrønnbane	YES
1. nivå med hydrokarboner, alder	PALEOCENE
1. nivå med hydrokarboner, formasjon.	TY FM
Avstand, boredekk - midlere havflate [m]	25.0
Vanndybde ved midlere havflate [m]	86.0
Totalt målt dybde (MD) [m RKB]	2820.0
Totalt vertikalt dybde (TVD) [m RKB]	2820.0
Maks inklinasjon [°]	2.1
Eldste penetrerte alder	PALEOCENE
Eldste penetrerte formasjon	VÅLE FM
Geodetisk datum	ED50
NS grader	58° 4' 8.33" N
ØV grader	1° 49' 42.79" E



NS UTM [m]	6437136.09
ØV UTM [m]	430888.58
UTM sone	31
NPDID for brønnbanen	9203

Brønnhistorie

General

Well 25/12-25 was drilled to test the Jerv prospect on the northern end of the Maureen Terrace in the North Sea, close to the UK border. The primary objective was to find hydrocarbons in the Paleocene Ty Formation.

Operations and results

A 9 7/8" pilot hole was drilled to section TD at 476 m and no shallow gas or over-pressured water was observed.

Wildcat well 25/12-25 was spudded with the semi-submersible installation COSL Innovator on 18 February 2021 and drilled to TD at 2820 m in the Paleocene Våle Formation. Operations proceeded without significant problems. The well was drilled with seawater and hi-vis pills down to 476 m, and with Aquadril water-based mud from 476 m to TD.

The Ty Formation was penetrated from 2765.5 to 2808 m and contained gas-condensate all through to top Våle Formation. Approximately 30 meters of Ty was sandstone of good reservoir quality. The gas-water contact was not encountered. Oil shows were not observed outside of the Ty Formation. Pressure data collected with TesTrak showed the reservoir to be highly depleted due to production.

Two cores were cut in succession from 2780 to 2811.5 m in the lower sandstone in the Ty Formation and into the Våle Formation. No fluid sample was taken.

The well was permanently abandoned on 26 March 2021 as a gas-condensate discovery.

Testing

No drill stem test was performed.

Borekaks i Sokkeldirektoratet

Borekaksprøve, topp dybde [m]	Borekaksprøve, bunn dybde [m]
480.00	2819.00

Borekaks tilgjengelig for prøvetaking?	YES
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Borekjerne i Sokkeldirektoratet



Faktasider

Brønnbane / Leting

Utskriftstidspunkt: 16.5.2024 - 17:11

Kjerneprøve nummer	Kjerneprøve - topp dybde	Kjerneprøve - bunn dybde	Kjerneprøve dybde - enhet
1	2780.0	2807.0	[m]
2	2807.0	2811.5	[m]

Total kjerneprøve lengde [m]	31.5
Kjerner tilgjengelig for prøvetaking?	YES

Litostratigrafi

Topp Dyb [mMD RKB]	Litostrat. enhet
111	NORDLAND GP
111	UNDIFFERENTIATED
1048	UTSIRA FM
1132	UNDIFFERENTIATED
1269	NO FORMAL NAME
1339	HORDALAND GP
1339	UNDIFFERENTIATED
2548	ROGALAND GP
2548	BALDER FM
2563	SELE FM
2617	LISTA FM
2741	VÅLE FM
2766	TY FM
2808	VÅLE FM

Logger

Type logg	Topp dyp for logg [m]	Bunn dyp for logg [m]
GR SBT VDL	2350	2720
LWD - GR RES	111	475
LWD - GR RES	2733	2780
LWD - GR RES DEN NEU CAL SON TT	2733	2820
LWD - GR RES DEN NEU SON	1326	2733
LWD - GR RES SON	184	1326



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	36	184.5	36	184.5	0.00	
INTERM.	20	471.0	26	476.0	1.52	LOT
INTERM.	13 3/8	1319.0	17 1/2	1326.0	1.55	FIT
INTERM.	9 5/8	2726.0	12 1/4	2733.0	1.40	FIT
OPEN HOLE		2820.0	8 1/2	2820.0	0.00	

Boreslam

Dybde MD [m]	Egenvekt, slam [g/cm3]	Viskositet, slam [mPa.s]	Flytegrense [Pa]	Type slam	Dato, måling
182	1.03	1.0	2.0	Water Base	
185	1.30	15.0	18.1	Water Base	
290	1.03	1.0	1.0	Water Base	
475	1.11	20.0	9.0	Water Base	
1085	1.17	20.0	12.4	Water Base	
1326	1.22	16.0	11.0	Water Base	
1346	1.37	22.0	15.8	Water Base	
1346	1.22	16.0	12.9	Water Base	
1383	1.39	19.0	13.8	Water Base	
2585	1.20	8.0	6.0	Water Base	
2724	1.39	19.0	16.2	Water Base	
2733	1.12	12.0	13.8	Water Base	
2812	1.12	15.0	11.4	Water Base	
2820	1.39	15.0	11.4	Water Base	
2820	1.12	15.0	11.4	Water Base	