



Generell informasjon





Brønnbane navn	7322/7-1
Type	EXPLORATION
Formål	WILDCAT
Status	P&A
Pressemelding	lenke til pressemelding
Faktakart i nytt vindu	lenke til kart
Hovedområde	BARENTS SEA
Brønn navn	7322/7-1
Seismisk lokalisering	WG1301CER17B. Inline 8275. Crossline 13100
Utvinningsstillatelse	852
Boreoperatør	Spirit Energy Norge AS
Boretillatelse	1710-L
Boreinnretning	ISLAND INNOVATOR
Boredager	21
Borestart	21.07.2018
Boreslutt	11.08.2018
Plugget og forlatt dato	11.08.2018
Frigitt dato	11.08.2020
Publiseringsdato	11.08.2020
Opprinnelig formål	WILDCAT
Gjenåpnet	NO
Innhold	DRY
Funnbrønnbane	NO
Avstand, boredekk - midlere havflate [m]	30.0
Vanndybde ved midlere havflate [m]	454.0
Totalt målt dybde (MD) [m RKB]	797.0
Totalt vertikalt dybde (TVD) [m RKB]	797.0
Maks inklinasjon [°]	1.2
Eldste penetrerte alder	EARLY CRETACEOUS
Eldste penetrerte formasjon	KOLJE FM
Geodetisk datum	ED50
NS grader	73° 24' 48.35" N
ØV grader	22° 2' 22.18" E
NS UTM [m]	8153381.12
ØV UTM [m]	342100.05
UTM sone	35
NPDID for brønnbanen	8498



Brønnhistorie

General

Well 7322/7-1 was drilled to test the Scarecrow prospect on the eastern shoulder of the Fingerdjupe Sub-basin in the Barents Sea. The primary objective was to evaluate the hydrocarbon potential in shallow buried Early Cretaceous reservoirs. The Scarecrow play model had not previously been tested in the area and carried large uncertainties.

Operations and results

Wildcat well 7322/7-1 was spudded with the semi-submersible installation Island Innovator on 21 July 2018. An 8 1/2" pilot hole was drilled from the 30" conductor shoe (494.5 m) to 646 m to check for shallow gas and for data acquisition. A riserless mud return system was used (RMR) in the pilot, and this enabled sampling of cuttings and recording of drill gas. Also, a seismic while-drilling tool was used in the pilot hole, mainly to reduce the depth uncertainty to the Top Kolje Formation with potential reservoir. No shallow gas was detected. The pilot hole was logged and opened up to a 17 1/2 section and drilling commenced to TD at 797 m in the Early Cretaceous Kolje Formation. Operations proceeded without significant problems. The well was drilled with seawater and hi-vis pills down to 495 m, while the pilot and main well was drilled with Glydril mud from 495 m to TD.

Top Kolje Formation was encountered at 661 m. The prognosed reservoir interval was encountered at 677 m and consists of claystone and siltstone with minor limestone interbeds. Based on biostratigraphy it is interpreted to be part of the Kolje Formation. An increase in drill gas was observed when drilling into this section, otherwise there were no oil shows (fluorescence) or other hydrocarbon indications in the well.

No cores were cut. No fluid sample was taken.

The well was permanently abandoned on 11 August 2018 as a dry well.

Testing

No drill stem test was performed.

Borekaks i Sokkeldirektoratet

Borekaksprøve, topp dybde [m]	Borekaksprøve, bunn dybde [m]
499.00	797.00

Borekaks tilgjengelig for prøvetaking?	YES
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Litostratigrafi

Topp Dyb [mMD RKB]	Litostrat. enhet
484	NORDLAND GP
484	NAUST FM



540	ADVENTDALEN GP
540	KOLMULE FM
661	KOLJE FM

Logger

Type logg	Topp dyp for logg [m]	Bunn dyp for logg [m]
FMI	646	797
LWD - DI GR RES	496	632
LWD - DI GR RES DEN NEU CAL	646	797
LWD - DI GR RES DEN NEU SEIS	496	642
MSCT	646	797
VSI	492	797
ZAIT PPC MSIP PPC	484	646
ZAIT PPC MSIP PPC HNGS	642	797

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	30	494.5	36	496.0	0.00	
INTERM.	13 3/8	642.0	17 1/2	644.0	1.48	FIT
PILOT HOLE		646.0	8 1/2	646.0	0.00	
OPEN HOLE		797.0	8 1/2	797.0	0.00	

Boreslam

Dybde MD [m]	Egenvekt, slam [g/cm3]	Viskositet, slam [mPa.s]	Flytegrense [Pa]	Type slam	Dato, måling
498	1.19	14.0		Glydrill	
646	1.19	14.0		Glydrill	
797	1.19	11.0		Glydrill	