



Generell informasjon

Brønnbane navn	7317/9-1
Type	EXPLORATION
Formål	WILDCAT
Status	P&A
Pressemelding	lenke til pressemelding
Faktakart i nytt vindu	lenke til kart
Hovedområde	BARENTS SEA
Brønn navn	7317/9-1
Seismisk lokalisering	SWB12.inline 1731.crossline 19697
Utvinningstillatelse	718
Boreoperatør	Statoil Petroleum AS
Boretillatelse	1669-L
Boreinnretning	SONGA ENABLER
Boredager	25
Borestart	13.09.2017
Boreslutt	07.10.2017
Plugget dato	07.10.2017
Plugget og forlatt dato	07.10.2017
Frigitt dato	02.01.2019
Publiseringsdato	02.05.2019
Opprinnelig formål	WILDCAT
Gjenåpnet	NO
Innhold	DRY
Funnbrønnbane	NO
Avstand, boredekk - midlere havflate [m]	32.0
Vanndybde ved midlere havflate [m]	434.0
Totalt målt dybde (MD) [m RKB]	1500.0
Totalt vertikalt dybde (TVD) [m RKB]	1497.0
Maks inklinasjon [°]	6.2
Temperatur ved bunn av brønnbanen [°C]	39
Eldste penetrerte alder	TRIASSIC
Eldste penetrerte formasjon	SNADD FM
Geodetisk datum	ED50
NS grader	73° 27' 50.46" N
ØV grader	17° 48' 10.53" E
NS UTM [m]	8154556.93



ØV UTM [m]	589020.10
UTM sone	33
NPDID for brønnbanen	8240

Brønnhistorie

General

Exploration well 7317/9-1 Koigen Central, and the two associated pilot wells 7317/6-U-1 and 7317/9-U-1, were drilled in the Koigen Central prospect, located on the Stappen High, in the south-western Barents Sea. The primary target was the upper Realgrunnen Subgroup (Stø and Nordmela formations). Secondary targets were the lower Realgrunnen Subgroup (Tubåen and Fruholmen formations), and the Triassic Snadd Formation.

Operations and results

The first pilot hole, 7317/6-U-1, located 4.5 km north of the main well location was designed to gain control of the stratigraphy. It was drilled vertically down to a TD of 1216 m in the Hekkingen Formation. The second pilot hole, 7317/9-U-1, was located ca. 40 m north-north east of the main well. It was drilled vertically down to a TD of 806 m in the Hekkingen Formation, the approximate setting depth of the 13 3/8" casing shoe in the main well. No shallow gas was encountered in the two pilots.

Wildcat well 7317/9-1 was spudded with the semi-submersible installation Songa Enabler on 13 September 2017 and drilled to TD at 1500 m in the Triassic Snadd Formation. Operations proceeded without significant problems. The well was drilled with seawater and hi-vis pills down to 816 m and with KCl/GEM/Polymer water-based mud from 816 m to TD.

The primary targets Stø and Nordmela formations were not present in the well. Instead top Fuglen was penetrated from 893 to 980 m and the secondary target Tubåen and Fruholmen formations were penetrated from 980 to 1218 m. The well was dry, with trace shows in sandstones in the Tubåen and Fruholmen formations. The shows were noticed as weak to dull direct fluorescence on cuttings in the intervals 1043 - 1070 m, 1115 - 1157 m and 1448 m - 1447 m. Weak dull direct fluorescence was also seen in four of the sidewall cores (1008.4 m, 1108.5 m, 1141 m and 1142.8 m). The conventional cores had no shows. No cut fluorescence was observed on any type of samples.

One core was cut in the Tubåen Formation from 1033 to 1070 m with 99.4% recovery. No fluid sample was taken.

The well was permanently abandoned on 7 October 2017 as a dry well.

Testing

No drill stem test was performed.

Borekaks i Sokkeldirektoratet

Borekaksprøve, topp dybde [m]	Borekaksprøve, bunn dybde [m]
818.00	1499.00



Borekaks tilgjengelig for prøvetaking?	YES
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Borekjerner i Sokkeldirektoratet

Kjerneprøve nummer	Kjerneprøve - topp dybde	Kjerneprøve - bunn dybde	Kjerneprøve dybde - enhet
1	1033.0	1069.8	[m]

Total kjerneprøve lengde [m]	36.8
Kjerner tilgjengelig for prøvetaking?	YES

Palynologiske preparater i Sokkeldirektoratet

Prøve dybde	Dybde enhet	Prøve type	Laboratorie
818.0	[m]	DC	CGG
824.0	[m]	DC	CGG
830.0	[m]	DC	CGG
839.0	[m]	DC	CGG
846.0	[m]	SWC	CGG
851.0	[m]	SWC	CGG
854.9	[m]	SWC	CGG
858.3	[m]	SWC	CGG
862.9	[m]	SWC	CGG
865.0	[m]	SWC	CGG
874.0	[m]	SWC	CGG
879.3	[m]	SWC	CGG
887.0	[m]	DC	CGG
893.0	[m]	DC	CGG
899.0	[m]	DC	CGG
905.0	[m]	DC	CGG
911.0	[m]	DC	CGG
918.1	[m]	SWC	CGG
923.0	[m]	DC	CGG
930.0	[m]	SWC	CGG
938.0	[m]	DC	CGG
943.8	[m]	SWC	CGG
949.8	[m]	SWC	CGG
956.0	[m]	DC	CGG
962.0	[m]	DC	CGG



Faktasider

Brønnbane / Leting

Utskriftstidspunkt: 15.5.2024 - 11:50

968.0 [m]	DC	CGG
974.0 [m]	DC	CGG
980.0 [m]	DC	CGG
987.3 [m]	SWC	CGG
995.0 [m]	DC	CGG
999.2 [m]	SWC	CGG
1004.0 [m]	DC	CGG
1010.0 [m]	DC	CGG
1016.5 [m]	SWC	CGG
1022.0 [m]	DC	CGG
1028.0 [m]	DC	CGG
1033.3 [m]	C	CGG
1035.3 [m]	C	CGG
1038.6 [m]	C	CGG
1039.7 [m]	C	CGG
1042.6 [m]	C	CGG
1044.7 [m]	C	CGG
1049.3 [m]	C	CGG
1053.7 [m]	C	CGG
1056.3 [m]	C	CGG
1059.5 [m]	C	CGG
1064.4 [m]	C	CGG
1069.5 [m]	C	CGG
1073.0 [m]	DC	CGG
1082.0 [m]	DC	CGG
1091.0 [m]	DC	CGG
1100.0 [m]	DC	CGG
1109.0 [m]	DC	CGG
1118.0 [m]	DC	CGG
1125.6 [m]	SWC	CGG
1133.0 [m]	DC	CGG
1140.5 [m]	SWC	CGG
1151.0 [m]	DC	CGG
1158.5 [m]	SWC	CGG
1169.0 [m]	DC	CGG
1178.0 [m]	DC	CGG
1187.0 [m]	DC	CGG
1196.0 [m]	DC	CGG
1205.0 [m]	DC	CGG
1226.0 [m]	DC	CGG



1235.0	[m]	DC	CGG
1244.0	[m]	DC	CGG
1253.0	[m]	DC	CGG
1262.0	[m]	DC	CGG
1269.4	[m]	SWC	CGG
1286.0	[m]	DC	CGG
1295.0	[m]	DC	CGG
1304.0	[m]	DC	CGG
1313.0	[m]	DC	CGG
1322.0	[m]	DC	CGG
1331.0	[m]	DC	CGG
1340.0	[m]	DC	CGG
1358.0	[m]	DC	CGG
1367.0	[m]	DC	CGG
1379.0	[m]	DC	CGG
1388.0	[m]	DC	CGG
1409.0	[m]	DC	CGG
1421.0	[m]	DC	CGG
1442.0	[m]	DC	CGG
1478.0	[m]	DC	CGG
1491.3	[m]	SWC	CGG
1499.0	[m]	DC	CGG

Litostratigrafi

Topp Dyb [mMD RKB]	Litostrat. enhet
466	NORDLAND GP
502	ADVENTDALEN GP
502	KOLJE FM
715	KNURR FM
793	HEKKINGEN FM
893	FUGLEN FM
980	KAPP TOSCANA GP
980	TUBÅEN FM
1079	FRUHOLMEN FM
1219	SNADD FM

Logger



Type logg	Topp dyp for logg [m]	Bunn dyp for logg [m]
FMI MSIP	1067	1487
IFA PO PS	872	1061
MWD - ARC GS TELE	1070	1500
MWD - ARC TELES	466	813
MWD - GVR ARC GS TELE	813	1033
PEX ECS	807	1068
PEX HRLA ZAIT ECS XPT	1067	1495
SS HRLA	466	1068
VSP	482	1488
XL ROCK	819	1031
XL ROCK	1077	1491

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	807.0	17 1/2	813.0	1.42	FIT
LINER	9 7/8	1067.0	12 1/4	1070.0	1.93	LOT
OPEN HOLE		1500.0	8 1/2	1500.0	0.00	

Boreslam

Dybde MD [m]	Egenvekt, slam [g/cm3]	Viskositet, slam [mPa.s]	Flytegrense [Pa]	Type slam	Dato, måling
590	1.20	11.0		Spud Mud	
594	1.60	18.0		KCl/Polymer	
594	1.35	14.0		KCl/Polymer/GEM	
620	1.03	1.0		Seawater	
633	1.20	19.0		Spud Mud	
644	1.60	18.0		KCl/Polymer	
644	1.35	14.0		KCl/Polymer/GEM	
813	1.24	15.0		KCl/Polymer/GEM	
911	1.21	16.0		KCl/Polymer/GEM	
957	1.20	15.0		KCl/Polymer/GEM	
1071	1.12	15.0		KCl/Polymer/GEM	
1500	1.12	13.0		KCl/Polymer/GEM	

