



Generell informasjon

Brønnbane navn	7219/9-3
Type	EXPLORATION
Formål	WILDCAT
Status	P&A
Pressemelding	lenke til pressemelding
Faktakart i nytt vindu	lenke til kart
Hovedområde	BARENTS SEA
Brønn navn	7219/9-3
Seismisk lokalisering	MAG15201STR18. In-line 11423. X-line: 7554
Utvinningstillatelse	532
Boreoperatør	Equinor Energy AS
Boretillatelse	1802-L
Boreinnretning	TRANSOCEAN ENABLER
Boredager	18
Borestart	12.07.2020
Boreslutt	29.07.2020
Plugget og forlatt dato	29.07.2020
Frigitt dato	29.07.2022
Publiseringsdato	08.08.2022
Opprinnelig formål	WILDCAT
Gjenåpnet	NO
Innhold	DRY
Funnbrønnbane	NO
Avstand, boredekk - midlere havflate [m]	32.0
Vanndybde ved midlere havflate [m]	326.0
Totalt målt dybde (MD) [m RKB]	1338.0
Totalt vertikalt dybde (TVD) [m RKB]	1338.0
Eldste penetrerte alder	LATE TRIASSIC
Eldste penetrerte formasjon	FRUHOLMEN FM
Geodetisk datum	ED50
NS grader	72° 17' 22.98" N
ØV grader	19° 59' 56.48" E
NS UTM [m]	8028519.68
ØV UTM [m]	669568.04
UTM sone	33
NPDID for brønnbanen	8960



Brønnhistorie

General

Well 7219/9-3 was drilled to test the Mist prospect on the border between the Bjørnøyrenna Fault Complex and the Polhem Sub-platform in the Barents Sea. The primary objective was to prove hydrocarbon contacts and commercial oil volumes in the Early Jurassic Tubåen Formation. Secondary objective was to collect data to improve understanding of potential reservoir rocks in the Late Triassic Fruholmen Formation.

Operations and results

A 9 7/8" pilot hole (7219/9-U-1) was spudded 20-25 m away from the main bore location on the 9 July 2020 and drilled down to the planned TD of the 17 1/2" section at 757 m to check for shallow gas and reduce the depth uncertainty towards a seismic anomaly. No shallow gas was observed during drilling and the geological uncertainty was reduced by using seismic while drilling.

Wildcat well 7219/9-3 was spudded with the semi-submersible installation Transocean Enabler on 12 July 2020 and drilled to TD at 1338 m in the Late Triassic Fruholmen Formation. Operations proceeded without significant problems. The well was drilled with seawater and hi-vis pills down to 757 m and with BaraHIB water-based mud from 757 m to TD.

In the primary exploration target, the well encountered the Tubåen Formation with a thickness of 131 metres, of which 50 metres was sandstone layers with very good reservoir properties. Two hundred and sixty-nine metres of the Fruholmen Formation were drilled in the secondary exploration target, whereof several sandstone layers totalling 75 metres with reservoir properties varying from good to very good. The Tubåen and Fruholmen formations were water bearing with low gas readings and no hydrocarbon indications. The only hydrocarbon indications in the well were shows on cuttings and sidewall cores in the Paleocene Torsk Formation: Faint petroleum odour, direct and cut fluorescence were described in siltstones in the interval 811 to 825 m, and in a sandstone sidewall core at 920.5 m.

No conventional cores were cut. MDT water samples were taken at 1052 m.

The well was permanently abandoned on 29 July 2020 as a dry well.

Testing

No drill stem test was performed.

Borekaks i Sokkeldirektoratet

Borekaksprøve, topp dybde [m]	Borekaksprøve, bunn dybde [m]
760.00	1338.00

Borekaks tilgjengelig for prøvetaking?	YES
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Palynologiske preparater i Sokkeldirektoratet

Prøve dybde	Dybde enhet	Prøve type	Laboratorie
763.0	[m]	DC	CGG
772.0	[m]	DC	CGG
781.0	[m]	DC	CGG
790.0	[m]	DC	CGG
799.0	[m]	DC	CGG
808.0	[m]	DC	CGG
817.0	[m]	DC	CGG
826.0	[m]	DC	CGG
835.0	[m]	DC	CGG
844.0	[m]	DC	CGG
853.0	[m]	DC	CGG
862.0	[m]	DC	CGG
871.0	[m]	DC	CGG
880.0	[m]	DC	CGG
889.0	[m]	DC	CGG
907.0	[m]	DC	CGG
907.0	[m]	SWC	CGG
916.0	[m]	DC	CGG
922.0	[m]	DC	CGG
928.0	[m]	DC	CGG
934.0	[m]	DC	CGG
940.0	[m]	DC	CGG
940.0	[m]	SWC	CGG
946.0	[m]	DC	CGG
952.0	[m]	DC	CGG
958.0	[m]	DC	CGG
964.0	[m]	DC	CGG
970.0	[m]	DC	CGG
976.0	[m]	DC	CGG
982.0	[m]	DC	CGG
988.0	[m]	DC	CGG
994.0	[m]	DC	CGG
1000.0	[m]	DC	CGG
1006.0	[m]	DC	CGG
1012.0	[m]	DC	CGG
1018.0	[m]	DC	CGG
1024.0	[m]	DC	CGG
1030.0	[m]	DC	CGG



Faktasider

Brønnbane / Leting

Utskriftstidspunkt: 20.5.2024 - 01:46

1036.0	[m]	DC	CGG
1042.0	[m]	DC	CGG
1048.0	[m]	DC	CGG
1049.0	[m]	SWC	CGG
1054.0	[m]	DC	CGG
1060.0	[m]	DC	CGG
1066.0	[m]	DC	CGG
1070.0	[m]	SWC	CGG
1072.0	[m]	DC	CGG
1078.0	[m]	DC	CGG
1084.0	[m]	DC	CGG
1085.0	[m]	SWC	CGG
1090.0	[m]	DC	CGG
1096.0	[m]	DC	CGG
1102.0	[m]	DC	CGG
1108.0	[m]	DC	CGG
1114.0	[m]	DC	CGG
1120.0	[m]	DC	CGG
1126.0	[m]	DC	CGG
1132.0	[m]	DC	CGG
1138.0	[m]	DC	CGG
1144.0	[m]	DC	CGG
1150.0	[m]	DC	CGG
1156.0	[m]	DC	CGG
1162.0	[m]	DC	CGG
1168.0	[m]	DC	CGG
1173.2	[m]	SWC	CGG
1174.0	[m]	DC	CGG
1180.0	[m]	DC	CGG
1186.0	[m]	DC	CGG
1192.0	[m]	DC	CGG
1198.0	[m]	DC	CGG
1204.0	[m]	DC	CGG
1210.0	[m]	DC	CGG
1216.0	[m]	DC	CGG
1222.0	[m]	DC	CGG
1228.0	[m]	DC	CGG
1234.0	[m]	DC	CGG
1240.0	[m]	DC	CGG
1245.0	[m]	SWC	CGG



1246.0 [m]	DC	CGG
1252.0 [m]	DC	CGG
1258.0 [m]	DC	CGG
1264.0 [m]	DC	CGG
1270.0 [m]	DC	CGG
1276.0 [m]	DC	CGG
1282.0 [m]	DC	CGG
1282.5 [m]	DC	CGG
1288.0 [m]	DC	CGG
1294.0 [m]	DC	CGG
1300.0 [m]	DC	CGG
1306.0 [m]	DC	CGG
1312.0 [m]	DC	CGG
1318.0 [m]	DC	CGG
1324.0 [m]	DC	CGG
1330.0 [m]	DC	CGG
1338.6 [m]	SWC	CGG

Litostratigrafi

Topp Dyb [mMD RKB]	Litostrat. enhet
358	NORDLAND GP
358	UNDIFFERENTIATED
466	SOTBAKKEN GP
466	TORSK FM
938	KAPP TOSCANA GP
938	TUBÅEN FM
1069	FRUHOLMEN FM

Logger

Type logg	Topp dyp for logg [m]	Bunn dyp for logg [m]
CMR MDT	889	1338
HRLA PEX	751	892
MWD - DIR	358	409
MWD - GR RES APWD DIR	895	1338
MWD - GR RES DIR APWD	409	757
MWD - GR RES SON SWD DIR APWD	757	895



VSP GR	560	1331
XLR GR	762	886
XLR GR	907	1298
XPT MSIP HRLA PEX	889	1338

Foringsrør og formasjonsstyrketester

Type utforing	Utforing diam. [tommer]	Utforing dybde [m]	Brønnbane diam. [tommer]	Brønnbane dyp [m]	LOT/FIT slam eqv. [g/cm ³]	Type formasjonstest
CONDUCTOR	30	407.7	36	409.0	0.00	
SURF.COND.	13 3/8	750.7	17 1/2	757.0	1.27	FIT
INTERM.	9 5/8	889.5	12 1/4	895.0	1.32	FIT
OPEN HOLE		1338.0	8 1/2	1338.0	0.00	