



Generell informasjon

Brønnbane navn	9/2-12
Type	EXPLORATION
Formål	WILDCAT
Status	P&A
Pressemelding	lenke til pressemelding
Faktakart i nytt vindu	lenke til kart
Hovedområde	NORTH SEA
Brønn navn	9/2-12
Seismisk lokalisering	NS-line: REP18301-02021. EW-line:REP18301-04019
Utvinningstillatelse	910
Boreoperatør	Repsol Norge AS
Boretillatelse	1785-L
Boreinnretning	SCARABEO 8
Boredager	17
Borestart	28.09.2019
Boreslutt	14.10.2019
Plugget og forlatt dato	14.10.2019
Frigitt dato	09.09.2020
Publiseringsdato	30.04.2021
Opprinnelig formål	WILDCAT
Gjenåpnet	NO
Innhold	DRY
Funnbrønnbane	NO
Avstand, boredekk - midlere havflate [m]	34.0
Vanndybde ved midlere havflate [m]	99.0
Totalt målt dybde (MD) [m RKB]	3155.0
Totalt vertikalt dybde (TVD) [m RKB]	3155.0
Eldste penetrerte alder	MIDDLE JURASSIC
Eldste penetrerte formasjon	BRYNE FM
Geodetisk datum	ED50
NS grader	57° 52' 28.95" N
ØV grader	4° 33' 11.62" E
NS UTM [m]	6415964.40
ØV UTM [m]	592130.20
UTM sone	31
NPDID for brønnbanen	8879



Brønnhistorie

General

Well 9/2-12 was drilled to test the Kathryn prospect in the Egersund Basin in the North Sea. The primary objective was to evaluate the hydrocarbon potential of the Middle Jurassic Sandnes Formation sandstones, which is a proven oil reservoir in the nearby Yme field.

Operations and results

Drilling operations started out with drilling a vertical shallow gas pilot hole (9/2-U-7) 30 m to the SW of the main well location on 27 September 2019. The Pilot hole was drilled from seabed to 696 m. No indications of shallow gas/water flows or boulders were observed.

Wildcat well 9/2-12 was spudded with the semi-submersible installation Scarabeo 8 on 28 September 2019 and drilled to TD at 3155 m in the Middle Jurassic Bryne Formation. Operations proceeded without significant problems. The well was drilled with seawater and hi-vis pills down to 1248 m, with Innovert oil-based mud from 1248 m to 2982 m, and with KCl/Glycol water-based mud from 2982 m to TD.

The well encountered the target sandstones at 2991 m, 29 m shallower than predicted. The Sandnes Formation consisted of shallow marine sandstone with some intercalations of claystone, siltstone, and limestone down to 3123 m. The reservoir properties were good with a net-to-gross of 65.6% and average porosity of 16.8%. No shows were observed on cuttings and no increase above background levels of gas was observed during the entire drilling operation. No hydrocarbons have been interpreted from LWD data.

No cores were cut. No fluid sample was taken.

The well was permanently abandoned on 14 October 2019 as a dry well.

Testing

No drill stem test was performed.

Borekaks i Sokkeldirektoratet

Borekaksprøve, topp dybde [m]	Borekaksprøve, bunn dybde [m]
1250.00	3155.00

Borekaks tilgjengelig for prøvetaking?	YES
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Litostratigrafi



Topp Dyb [mMD RKB]	Litostrat. enhet
133	NORDLAND GP
133	UNDIFFERENTIATED
462	HORDALAND GP
462	UNDIFFERENTIATED
626	ROGALAND GP
626	BALDER FM
647	SELE FM
657	LISTA FM
669	VÅLE FM
677	SHETLAND GP
677	EKOFISK FM
729	TOR FM
1011	HOD FM
1302	BLODØKS FM
1319	CROMER KNOLL GP
1319	SOLA FM
1425	ÅSGARD FM
2530	BOKNEFJORD GP
2530	FLEKKEFJORD FM
2602	SAUDA FM
2825	TAU FM
2932	EGERSUND FM
2991	VESTLAND GP
2991	SANDNES FM
3123	BRYNE FM

Logger

Type logg	Topp dyp for logg [m]	Bunn dyp for logg [m]
CBL VDL GR	2350	2978
LWD - GR RES DEN NEU DI APWD	2982	3155
LWD - GR RES DI APWD	133	1248
LWD - GR RES SON DI APWD RSS	1248	2982

Foringsrør og formasjonsstyrketester



Faktasider

Brønnbane / Leting

Utskriftstidspunkt: 10.5.2024 - 00:56

Type utforing	Utforing diam. [tommer]	Utforing dybde [m]	Brønnbane diam. [tommer]	Brønnbane dyp [m]	LOT/FIT slam eqv. [g/cm3]	Type formasjonstest
CONDUCTOR	36	139.0	42	139.0	0.00	
SURF.COND.	13 3/8	1243.0	17 1/2	1248.0	1.03	LOT
INTERM.	9 5/8	2981.0	12 1/4	2982.0	1.25	LOT
OPEN HOLE		3155.0	8 1/2	3155.0	0.00	