Generell informasjon

Brønnbane navn	34/10-55 S
Type	EXPLORATION
Formål	WILDCAT
Status	PLUGGED
Pressemelding	lenke til pressemelding
Faktakart i nytt vindu	lenke til kart
Hovedområde	NORTH SEA
Felt	SINDRE
Funn	34/10-55 S
Brønn navn	34/10-55
Seismisk lokalisering	
Utvinningstillatelse	050
Boreoperatør	Statoil Petroleum AS
Boretillatelse	1649-L
Boreinnretning	GULLFAKS C
Boredager	47
Borestart	08.02.2017
Boreslutt	26.03.2017
Plugget dato	26.03.2017
Frigitt dato	26.03.2019
Publiseringsdato	04.04.2019
Opprinnelig formål	WILDCAT
Gjenåpnet	NO
Innhold	OIL/GAS
Funnbrønnbane	YES
1. nivå med hydrokarboner, alder	EARLY JURASSIC
1. nivå med hydrokarboner, formasjon.	STATFJORD GP
2. nivå med hydrokarboner, alder	LATE TRIASSIC
2. nivå med hydrokarboner, formasjon	LUNDE FM
Avstand, boredekk - midlere havflate [m]	84.1
Vanndybde ved midlere havflate [m]	217.0
Totalt målt dybde (MD) [m RKB]	7811.0
Totalt vertikalt dybde (TVD) [m RKB]	3811.0
Eldste penetrerte alder	LATE TRIASSIC
Eldste penetrerte formasjon	LUNDE FM

Geodetisk datum	ED50
NS grader	61° 12' 54.7'' N
ØV grader	2° 16' 26.88'' E
NS UTM [m]	6787134.93
ØV UTM [m]	461005.36
UTM sone	31
NPDID for brønnbanen	8102

Brønnhistorie

General

Well 34/10-55 S was drilled from the Gullfaks C platform to a structure east of the Gimle field, about 7 kilometres northeast of the Gullfaks field and 7 kilometres south of the Visund Sør field in the northern part of the North Sea.

The objective of the well was to prove petroleum in the Albiorix prospect in Middle Jurassic, Early Jurassic and Late Triassic reservoir rocks (Brent group, Statfjord group and Lunde formation). It was also important to collect geological information about stratigraphy, properties and pore pressure.

Operations and results

Wildcat well 34/10-55 S was kicked off at 2700 m from existing development well 34/10-C-52 B on 8 February 2017. It was drilled to TD at 7811 m (3311 m TVD) in the Late Triassic Lunde Formation. The well was drilled with Versatec oil-based mud from kick-off to TD.

Well 34/10-55 S encountered a total oil and gas column of about 170 metres, of which 60 metres are in sandstone with good to very good reservoir properties in the Statfjord group and 10 metres in sandstone with moderate to good properties in the Lunde formation. Oil shows were contaminated by OBM. No oil shows were described.

No cores were cut, and no fluid sample was taken.

The well was permanently abandoned on 26 February 2017 as a gas and oil discovery.

Testing

No drill stem test was performed.

Litostratigrafi

Topp Dyb [mMD RKB]	Litostrat. enhet
2698	ROGALAND GP
2698	LISTA FM
3045	SHETLAND GP
3045	JORSALFARE FM
3500	KYRRE FM

5300	TRYGGVASON FM
7200	CROMER KNOLL GP
7205	BRENT GP
7205	NESS FM
7214	DUNLIN GP
7214	DRAKE FM
7223	COOK FM
7240	AMUNDSEN FM
7256	NO FORMAL NAME
7274	STATFJORD GP
7274	RAUDE FM
7390	HEGRE GP
7390	LUNDE FM

Logger

Type logg	Topp dyp for logg [m]	Bunn dyp for logg [m]
MWD - EECO DEN IM	4601	7811
MWD - VISION	2710	4601

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
		2698.0		0.0	1.76	FIT
INTERM.	9 5/8	4598.0	12 1/4	4598.0	1.84	FIT
OPEN HOLE		7811.0	8 1/2	7811.0	0.00	

Boreslam

Dybde MD [m]	Egenvekt, slam [g/cm3]	Viskositet, slam [mPa.s]	Flytegrense [Pa]	Type slam	Dato, måling
2935	1.64	61.0		Versatec	
4547	1.59	61.0		Versatec	
4619	1.55	45.0		Versatec	
4619	1.60	52.0		Versatec	
6203	1.56	44.0		Versatec	
7811	1.59	65.0		Versatec	