



Generell informasjon

Brønnbane navn	34/8-18 S
Type	EXPLORATION
Formål	WILDCAT
Status	PLUGGED
Pressemelding	lenke til pressemelding
Faktakart i nytt vindu	lenke til kart
Hovedområde	NORTH SEA
Felt	VISUND
Funn	34/8-18 S (Telesto)
Brønn navn	34/8-18
Seismisk lokalisering	Survey: ST10015. Inline: 1809. X-line: 1792
Utvinningstillatelse	120
Boreoperatør	Equinor Energy AS
Boretillatelse	1731-L
Boreinnretning	VISUND
Boredager	14
Borestart	09.02.2019
Boreslutt	22.02.2019
Plugget dato	22.02.2019
Frigitt dato	22.02.2021
Publiseringsdato	30.04.2021
Opprinnelig formål	WILDCAT
Gjenåpnet	NO
Innhold	OIL
Funnbrønnbane	YES
1. nivå med hydrokarboner, alder	EARLY JURASSIC
1. nivå med hydrokarboner, formasjon.	STATFJORD GP
Avstand, boredekk - midlere havflate [m]	29.0
Vanndybde ved midlere havflate [m]	335.0
Totalt målt dybde (MD) [m RKB]	6068.0
Totalt vertikalt dybde (TVD) [m RKB]	3327.0
Eldste penetrerte alder	LATE TRIASSIC
Eldste penetrerte formasjon	LUNDE FM
Geodetisk datum	ED50
NS grader	61° 22' 13.34" N



ØV grader	2° 27' 34.38" E
NS UTM [m]	6804323.95
ØV UTM [m]	471109.05
UTM sone	31
NPDID for brønnbanen	8607

Brønnhistorie

General

Well 34/8-18 S was drilled on a highly tilted fault block downfaulted east of the Visund Main Field on Tampen spur in the North Sea. The primary objective of the well was to prove petroleum in the Telesto prospect in Early Jurassic reservoir rocks (the Statfjord group).

Operations and results

Wildcat well 34/8-18 S was drilled from the Visund platform, as a side-track to oil producer 34/8-A-36 H. It was kicked off below the 9 5/8" shoe at 3619 m in the Shetland Group on 9 February 2019. It was drilled with an 8 1/2" bit, in one bit run, all through to TD at 6068 m (3327 m TVD) m in the Late Triassic Lunde Formation. The well was drilled highly deviated (ca 87° inclination through most of Shetland Group). Operations proceeded without significant problems. The well was drilled with RheGuard oil-based mud from kick-off to TD.

The well drilled ca 3 km of Shetland Group before Cromer Knoll came in at 5679 m and a thin Viking Group at 5692 m. The whole of Brent Group and the upper part of the Dunlin Group was eroded in-well. Top Statfjord Group was penetrated at 5769 m (3082 m TVD). The well encountered a gross oil column of about 115 metres in the upper and lower part of the Statfjord group, with effective reservoir of 17 and 20 metres, respectively, in sandstone mainly with moderate reservoir quality. Pressure data showed initial pressure in the reservoir sands, but the HC filled reservoir in the lower Statfjord had slightly higher pressure (ca 5 bar) than the upper Statfjord. Observations showed a contact in upper Statfjord at 5849 m (3139 m TVD), and an oil-down-to/water-up-to at 5916.5/ 5925 m (3193/3200 m TVD) in lower Statfjord . In the upper part of the Lunde formation, about 15 metres of water-bearing sandstone with poor reservoir quality was encountered. No shows were recorded in the well

No cores were cut. No fluid sample was taken.

The well was plugged on 22 February as an oil discovery.

Testing

No drill stem test was performed.

Palynologiske preparater i Søkeldirektoratet

Prøve dybde	Dybde enhet	Prøve type	Laboratorie
5650.0	[m]	DC	PETROS
5660.0	[m]	DC	PETROS
5670.0	[m]	DC	PETROS



Faktasider

Brønnbane / Leting

Utskriftstidspunkt: 14.5.2024 - 17:59

5680.0	[m]	DC	PETROS
5685.0	[m]	DC	PETROS
5690.0	[m]	DC	PETROS
5695.0	[m]	DC	PETROS
5700.0	[m]	DC	PETROS
5705.0	[m]	DC	PETROS
5710.0	[m]	DC	PETROS
5715.0	[m]	DC	PETROS
5725.0	[m]	DC	PETROS
5735.0	[m]	DC	PETROS
5745.0	[m]	DC	PETROS
5755.0	[m]	DC	PETROS
5760.0	[m]	DC	PETROS
5765.0	[m]	DC	PETROS
5770.0	[m]	DC	PETROS
5775.0	[m]	DC	PETROS
5780.0	[m]	DC	PETROS
5785.0	[m]	DC	PETROS
5790.0	[m]	DC	PETROS
5800.0	[m]	DC	PETROS
5810.0	[m]	DC	PETROS
5820.0	[m]	DC	PETROS
5830.0	[m]	DC	PETROS
5840.0	[m]	DC	PETROS
5850.0	[m]	DC	PETROS
5860.0	[m]	DC	PETROS
5870.0	[m]	DC	PETROS
5880.0	[m]	DC	PETROS
5890.0	[m]	DC	PETROS
5900.0	[m]	DC	PETROS
5910.0	[m]	DC	PETROS
5920.0	[m]	DC	PETROS
5930.0	[m]	DC	PETROS
5940.0	[m]	DC	PETROS
5950.0	[m]	DC	PETROS
5960.0	[m]	DC	PETROS
5970.0	[m]	DC	PETROS
5980.0	[m]	DC	PETROS
5990.0	[m]	DC	PETROS
6000.0	[m]	DC	PETROS



6010.0	[m]	DC	PETROS
6020.0	[m]	DC	PETROS
6030.0	[m]	DC	PETROS
6040.0	[m]	DC	PETROS
6050.0	[m]	DC	PETROS
6060.0	[m]	DC	PETROS
6068.0	[m]	DC	PETROS

Litostratigrafi

Topp Dyb [mMD RKB]	Litostrat. enhet
364	NORDLAND GP
1008	UTSIRA FM
1447	HORDALAND GP
2060	ROGALAND GP
2060	BALDER FM
2136	SELE FM
2200	LISTA FM
2435	SHETLAND GP
5679	CROMER KNOLL GP
5692	VIKING GP
5692	DRAUPNE FM
5695	HEATHER FM
5706	DUNLIN GP
5769	STATEFJORD GP
6001	HEGRE GP
6001	LUNDE FM

Logger

Type logg	Topp dyp for logg [m]	Bunn dyp for logg [m]
MWD LWD - GR	365	454
MWD LWD - GR RES	454	3617
MWD LWD - GR RES DEN NEU CAL SON	3619	6068

Foringsrør og formasjonsstyrketester



Faktasider

Brønnbane / Leting

Utskriftstidspunkt: 14.5.2024 - 17:59

Type utforing	Utforing diam. [tommer]	Utforing dybde [m]	Brønnbane diam. [tommer]	Brønnbane dyp [m]	LOT/FIT slam eqv. [g/cm3]	Type formasjonstest
CONDUCTOR	36	438.0	42	454.0	0.00	
SURF.COND.	20	1338.1	26	1349.0	1.60	FIT
INTERM.	13 3/8	2408.5	17 1/2	2420.0	1.66	FIT
LINER	9 5/8	3617.2	12 1/4	3619.0	1.85	FIT
OPEN HOLE		6068.0	8 1/2	6068.0	0.00	

Boreslam

Dybde MD [m]	Egenvekt, slam [g/cm3]	Viskositet, slam [mPa.s]	Flytegrense [Pa]	Type slam	Dato, måling
5627	1.70	49.0		RheGuard	
5803	1.70	48.0		RheGuard	
6068	1.70	57.0		RheGuard	