



Generell informasjon

Brønnbane navn	34/8-15 S
Type	EXPLORATION
Formål	APPRAISAL
Status	P&A
Pressemelding	lenke til pressemelding
Faktakart i nytt vindu	lenke til kart
Hovedområde	NORTH SEA
Felt	VISUND
Funn	34/8-1 Visund
Brønn navn	34/8-15
Seismisk lokalisering	IL2448/XL1620
Utvinningstillatelse	120
Boreoperatør	Statoil Petroleum AS
Boretillatelse	1426-L
Boreinnretning	COSLPioneer
Boredager	48
Borestart	03.01.2013
Boreslutt	19.02.2013
Frigitt dato	19.02.2015
Publiseringsdato	21.05.2015
Opprinnelig formål	WILDCAT
Gjenåpnet	NO
Innhold	GAS
Funnbrønnbane	NO
1. nivå med hydrokarboner, alder	LATE JURASSIC
1. nivå med hydrokarboner, formasjon.	INTRA DRAUPNE FM SS
2. nivå med hydrokarboner, alder	MIDDLE JURASSIC
2. nivå med hydrokarboner, formasjon	BRENT GP
Avstand, boredekk - midlere havflate [m]	25.0
Vanndybde ved midlere havflate [m]	378.0
Totalt målt dybde (MD) [m RKB]	3690.0
Totalt vertikalt dybde (TVD) [m RKB]	3046.0
Maks inklinasjon [°]	67.4
Eldste penetrerte alder	MIDDLE JURASSIC
Eldste penetrerte formasjon	DRAKE FM



Geodetisk datum	ED50
NS grader	61° 26' 6.1" N
ØV grader	2° 35' 20.84" E
NS UTM [m]	6811475.75
ØV UTM [m]	478080.89
UTM sone	31
NPDID for brønnbanen	7072

Brønnhistorie

General

Well 34/8-15 S was drilled on the northeast flank of Visund in the northern part of the North Sea. The objective was to prove petroleum in Middle Jurassic reservoir rocks (the Brent Group), as well as clarify possible reservoir communication with the Visund field.

Operations and results

Wildcat well 34/8-15 S was drilled with the semi-submersible installation Cosl Pioneer from the Visund Nord subsea template. It was drilled as a sidetrack from the Visund Nord producer, 34/8-C-4 H. Operations on 34/8-15 S started on 3 January 2013 and the well was drilled to TD at 3690 m in the Middle Jurassic Drake Formation. The well was drilled with water-based mud down to 2069 m and with oil based mud from 2069 m to TD.

A 16 m TVD thick Intra-Draupne Formation sandstone was encountered at 3439 m (2876 m TVD); Draupne Formation shales were not present. The Intra-Draupne sandstone rested directly on Brent Group sandstones at 3465 m (2892 m TVD). An approximately 50-metre gas column was present in the Intra-Draupne Formation - Brent Group sandstones with good reservoir quality down to a gas-water contact at 3512.6 m (2923.5 m TVD). Pressure data indicate pressure communication with the Visund field.

No cores were cut and no wire line logs were run in the well. Pressure points were recorded on LWD. No fluid samples were taken.

The well was permanently abandoned on 19 February 2013 as gas discovery. In June 2018 the well was reclassified as an appraisal well for the discovery 34/8-1 Visund.

Testing

No drill stem test was performed.

Palynologiske preparater i Sokkeldirektoratet

Prøve dybde	Dybde enhet	Prøve type	Laboratorie
3400.0	[m]	DC	PETROSTR
3418.0	[m]	DC	PETROS
3439.0	[m]	DC	PETROS
3451.0	[m]	DC	PETROS



3463.0	[m]	DC	PETROS
3475.0	[m]	DC	PETROS
3487.0	[m]	DC	PETROS
3499.0	[m]	DC	PETROS
3505.0	[m]	DC	PETROS
3511.0	[m]	DC	PETROS
3517.0	[m]	DC	PETROS
3523.0	[m]	DC	PETROS
3529.0	[m]	DC	PETROS
3535.0	[m]	DC	PETROS
3541.0	[m]	DC	PETROS
3547.0	[m]	DC	PETROS
3553.0	[m]	DC	PETROS
3559.0	[m]	DC	PETROS
3577.0	[m]	DC	PETROS
3583.0	[m]	DC	PETROS
3589.0	[m]	DC	PETROS
3595.0	[m]	DC	PETROS
3601.0	[m]	DC	PETROS
3607.0	[m]	DC	PETROS
3613.0	[m]	DC	PETROS
3619.0	[m]	DC	PETROS
3625.0	[m]	DC	PETROS
3631.0	[m]	DC	PETROS
3637.0	[m]	DC	PETROS
3643.0	[m]	DC	PETROS
3649.0	[m]	DC	PETROS
3655.0	[m]	DC	PETROS
3661.0	[m]	DC	PETROS
3667.0	[m]	DC	PETROS
3673.0	[m]	DC	PETROS
3679.0	[m]	DC	PETROS
3685.0	[m]	DC	PETROS
3690.0	[m]	DC	PETROS

Litostratigrafi

Topp Dyb [mMD RKB]	Litostrat. enhet
403	NORDLAND GP



1114	UTSIRA FM
1165	HORDALAND GP
1802	ROGALAND GP
1802	BALDER FM
1861	SELE FM
1885	LISTA FM
2025	SHETLAND GP
2025	KYRRE FM
3340	TRYGGVASON FM
3427	CROMER KNOLL GP
3427	ÅSGARD FM
3439	VIKING GP
3439	DRAUPNE FM
3465	BRENT GP
3465	TARBERT FM
3478	NESS FM
3507	ETIVE FM
3546	RANNOCH FM
3649	DUNLIN GP
3649	DRAKE FM

Logger

Type logg	Topp dyp for logg [m]	Bunn dyp for logg [m]
MWD - ABGR GR RES DEN NEU AC FPW	3449	3690
MWD - GR RES	498	2069
MWD - GR RES DEN NEU AC	2069	2707
MWD - GR RES DEN NEU AC FPWD	2663	3449

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
CONDUCTOR	30	490.0	36	495.0	0.00	
SURF.COND.	20	1257.0	26	1300.0	1.52	FIT
INTERM.	13 3/8	2069.0	17 1/2	2070.0	1.72	FIT
INTERM.	9 5/8	2697.0	12 1/4	2700.0	1.79	FIT
OPEN HOLE		3690.0	8 1/2	3690.0	0.00	



Boreslam

Dybde MD [m]	Egenvekt, slam [g/cm3]	Viskositet, slam [mPa.s]	flytegrense [Pa]	Type slam	Dato, måling
448	1.50	13.0		KCl/Polymer	
1297	1.39	21.0		Performadril	
2078	1.50	29.0		Enviromul Yellow	
2132	1.55	34.0		Enviromul Yellow	
2400	1.50	35.0		Enviromul Yellow	
2450	1.62	47.0		Enviromul Yellow	
2707	1.50	32.0		Enviromul Yellow	
3018	1.57	43.0		Enviromul Yellow	
3130	1.62	50.0		Enviromul Yellow	
3230	1.60	42.0		Enviromul Yellow	
3521	1.62	57.0		Enviromul Yellow	
3690	1.62	53.0		Enviromul Yellow	

Trykkplott

Porertrykksdataene kommer fra logging i brønnen hvis ingen annen kilde er oppgitt. I noen brønner der trykk ikke er logget, er det brukt informasjon fra formasjonstester eller brønnspark. Trykkdataene er rapportert inn til Oljedirektoratet og videre prosessert og kvalitetssikret av IHS Markit.

Dokument navn	Dokument format	Dokument størrelse [KB]
7072_Formation_pressure_(Formasjonstrykk)	pdf	0.23

