



Generell informasjon

Brønnbane navn	25/8-20 B
Type	EXPLORATION
Formål	WILDCAT
Status	P&A
Pressemelding	lenke til pressemelding
Faktakart i nytt vindu	lenke til kart
Hovedområde	NORTH SEA
Felt	BALDER
Funn	25/8-20 B
Brønn navn	25/8-20
Seismisk lokalisering	Inline 1390. crossline 2445
Utvinningstillatelse	027
Boreoperatør	Vår Energi AS
Boretillatelse	1852-L
Boreinnretning	SCARABEO 8
Boredager	18
Borestart	11.05.2021
Boreslutt	28.05.2021
Plugget dato	28.05.2021
Frigitt dato	28.05.2023
Publiseringsdato	12.09.2023
Opprinnelig formål	WILDCAT
Gjenåpnet	NO
Innhold	OIL/GAS
Funnbrønnbane	YES
1. nivå med hydrokarboner, alder	EOCENE
1. nivå med hydrokarboner, formasjon.	BALDER FM
Avstand, boredekk - midlere havflate [m]	34.0
Vanndybde ved midlere havflate [m]	129.0
Totalt målt dybde (MD) [m RKB]	2698.0
Totalt vertikalt dybde (TVD) [m RKB]	2387.0
Maks inklinasjon [°]	42.3
Temperatur ved bunn av brønnbanen [°C]	93
Eldste penetrerte alder	LATE TRIASSIC
Eldste penetrerte formasjon	SKAGERRAK FM



Geodetisk datum	ED50
NS grader	59° 17' 27.34" N
ØV grader	2° 22' 27.16" E
NS UTM [m]	6572767.26
ØV UTM [m]	464349.30
UTM sone	31
NPDID for brønnbanen	9277

Brønnhistorie

General

Well 25/8-20 S Prince with side-track 25/8-20 B King is a dual branch exploration well that tested several independent targets. The dual well is situated north of the Balder Field on the Utsira High in the North Sea. The primary objective of the side-track 25/8-20 B King was to test the minimum economic hydrocarbon volumes in Eocene/Paleogene injectites. The Skagerrak Formation was secondary objective.

Operations and results

Wildcat well 25/8-20 S was kicked off from a milled window in the 13 3/8" casing from 1030 to 1038 m in primary well bore 25/8-20 S on 11 May 2021. The well was drilled with the semi-submersible installation Scarabeo 8 to TD at 2698 m (2386.5 m TVD) in the Late Triassic Skagerrak Formation. The well path above kick-off is vertical. From kick off the well path deviation is between ca 30 and 42 . Drilling proceeded without significant problems. The well was drilled with Rheguard Prime oil-based mud from kick-off to TD.

One-meter-thick gas bearing injectite sands were penetrated at 1833 m and 1849 m, while an oil-filled injectite sand was penetrated from 1866 to 1875 m. The gas-oil contact in the injectite complex was estimated at ca 1868 m (1761 m TVD) m, while the Free Water Level was estimated at ca 1934 m (1815 m TVD). The sands had excellent petrophysical properties. The Skagerrak Formation in 25/8-20 B well was mainly water bearing with some hydrocarbon indications at 2608.8 m / 2320.3.3 m TVD. Good quality reservoir units in the 25/8-20 B well were encountered below the OWC of Skagerrak Discovery in Prince 25/8-20 S well.

Strong oil shows were described on the cored injectite sand in the Balder Formation, otherwise no shows are described from 25/8-20 B.

A 34.54 m core was cut in Balder Formation from 1852-1888 m representing 95.9% recovery. MDT fluid samples were taken at 1833.21 m (gas), 1870.83 (oil), and 1985 m (water).

The well was plugged back and permanent abandoned on 28 May 2021

Testing

No drill stem test was performed.

Borekaks i Sokkeldirektoratet



Borekaksprøve, topp dybde [m]	Borekaksprøve, bunn dybde [m]
1050.00	2698.00

Borekaks tilgjengelig for prøvetaking?	YES
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Borekjerne i Sokkeldirektoratet

Kjerneprøve nummer	Kjerneprøve - topp dybde	Kjerneprøve - bunn dybde	Kjerneprøve dybde - enhet
1	1852.0	1886.5	[m]

Total kjerneprøve lengde [m]	34.5
Kjerner tilgjengelig for prøvetaking?	YES

Litostratigrafi

Topp Dyb [mMD RKB]	Litostrat. enhet
163	NORDLAND GP
533	UTSIRA FM
613	NAUST FM
737	HORDALAND GP
737	SKADE FM
1004	NO FORMAL NAME
1185	GRID FM
1215	UNDIFFERENTIATED
1840	ROGALAND GP
1840	BALDER FM
1935	SELE FM
1980	HERMOD FM
2025	SELE FM
2063	LISTA FM
2104	HEIMDAL FM
2129	LISTA FM
2180	TY FM
2191	VÅLE FM
2210	TY FM
2221	SHETLAND GP
2241	CROMER KNOLL GP



2250	VESTLAND GP
2276	STATFJORD GP
2438	HEGRE GP
2438	SKAGERRAK FM

Logger

Type logg	Topp dyp for logg [m]	Bunn dyp for logg [m]
LSCAN HNGS CMR GR	1725	2477
LWD - PDGR ARC TELE GYRO	1043	1762
LWD - PDGR ECO TELE SON STETH	1762	2698
MDT GR EDTC JAR	1833	2005
ZAIX PEX MSIP QGEO GR	1761	2484

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	235.0	36	243.0	0.00	
INTERM.	13 3/8	1038.0	17 1/2	1043.0	1.60	FIT
INTERM.	9 5/8	1757.8	12 1/4	1762.0	1.69	FIT
OPEN HOLE		2698.0	8 1/2	2698.0	0.00	

Boreslam

Dybde MD [m]	Egenvekt, slam [g/cm3]	Viskositet, slam [mPa.s]	Flytegrense [Pa]	Type slam	Dato, måling
1043	1.40	25.0	5.5	--	
1827	1.35	19.0	4.7	IE RPS	
1852	1.37	23.0	4.2	IE RPS	
2010	1.35	19.0	4.7	IE RPS	
2698	1.40	27.0	5.1	IE RPS	