

**General information**

Wellbore name	15/12-26
Type	EXPLORATION
Purpose	WILDCAT
Status	P&A
Press release	link to press release
Factmaps in new window	link to map
Main area	NORTH SEA
Well name	15/12-26
Seismic location	CHR2MD1 inline1638 xline4484
Production licence	973
Drilling operator	Chrysaor Norge AS
Drill permit	1842-L
Drilling facility	COSLInnovator
Drilling days	47
Entered date	28.03.2021
Completed date	13.05.2021
Plugged and abandon date	13.05.2021
Release date	28.02.2023
Publication date	28.02.2023
Purpose - planned	WILDCAT
Reentry	NO
Content	DRY
Discovery wellbore	NO
Kelly bushing elevation [m]	25.0
Water depth [m]	87.0
Total depth (MD) [m RKB]	2787.0
Final vertical depth (TVD) [m RKB]	2786.0
Maximum inclination [°]	4.2
Oldest penetrated age	EARLY PERMIAN
Oldest penetrated formation	ZECHSTEIN GP
Geodetic datum	ED50
NS degrees	58° 8' 19.04" N
EW degrees	1° 55' 36.29" E
NS UTM [m]	6444793.05
EW UTM [m]	436804.73
UTM zone	31
NPDID wellbore	9204



Wellbore history

General

Well 15/12-26 was drilled to test the Ilder prospect between the Grevling and Varg discoveries in the Ling depression in the North Sea. The primary objective was to find hydrocarbons in the Late Jurassic Ula formation. The secondary objective was to test the Triassic Skagerrak Formation.

Operations and results

A 9 7/8" pilot hole was drilled down to 1270 m with no shallow gas observed.

Wildcat well 15/12-26 was spudded with the semi-submersible installation COSLInnovator on 12 May 2021. The 17 1/2" hole was drilled to 1270 m. Due to severe hole instability problems BOP was set at 1123 m. When starting to clean out the long rat hole from 1123 m to 1270 m, severe hole stability issues quickly became prominent. The decision was made to cement back and make a side-track. The 12 1/4" section was kicked off as a technical side-track 15/12-26 T2 at 1140 m within the Nordland Group and drilled down to a TD at 2625 m, 15 m into the Late Jurassic Draupne Formation. Prior to running in hole with 8-1/2" BHA #9, a problem was observed with the BOP. The BOP was pulled and after a week of pulling, repair and testing, the BOP was run back in hole. The 8 1/2" section was drilled to final TD at 2787 m (2786 m TVD), 3 m into Zechstein anhydrite. The primary well was drilled with seawater and hi-vis pills down to 1270 m while the side-track was drilled with Aquadril mud from 1140 m to TD. Altogether 14.6 days NPT was spent on the well.

The Ula Formation reservoir was encountered at 2709 m (2708 m TVD) with good to very good reservoir sand. The Ula Formation was confirmed water bearing by logs and pressure points. In addition, the well encountered a ca 8 m thick Hugin Formation directly underlying the Ula Formation. There were no oil shows in the well and the gas levels were low.

No cores were cut. No fluid sample was taken.

The well was permanently abandoned on 12 May 2021 as a dry well.

Testing

No drill stem test was performed.

Cuttings at the Norwegian Offshore Directorate

Cutting sample, top depth [m]	Cutting samples, bottom depth [m]
1150.00	2787.00

Cuttings available for sampling?	YES
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Lithostratigraphy



Top depth [mMD RKB]	Lithostrat. unit
112	NORDLAND GP
112	UNDIFFERENTIATED
995	UTSIRA FM
1068	UNDIFFERENTIATED
1197	NO FORMAL NAME
1253	HORDALAND GP
1253	UNDIFFERENTIATED
2077	ROGALAND GP
2077	BALDER FM
2090	SELE FM
2134	LISTA FM
2221	VÅLE FM
2227	SHETLAND GP
2227	EKOFISK FM
2244	TOR FM
2337	HOD FM
2445	BLODØKS FM
2458	HIDRA FM
2545	CROMER KNOLL GP
2545	RØDBY FM
2569	SOLA FM
2576	ÅSGARD FM
2610	VIKING GP
2610	DRAUPNE FM
2650	HEATHER FM
2709	VESTLAND GP
2709	ULA FM
2764	HUGIN FM
2771	HEGRE GP
2771	SMITH BANK FM
2784	ZECHSTEIN GP
2784	UNDIFFERENTIATED

Logs

Log type	Log top depth [m]	Log bottom depth [m]
ECD RES GR DIR	1123	1270



LWD - GR ECD RES DIR SON	185	1270
LWD - GR RES ECD CAL DEN NEU SON	1123	2625
LWD - NEU FPRESS SON	2625	2787
LWD - RES ECD GR DIR	112	1270
LWD - RES GR ECD DIR DEN CAL NEU	2625	2787
RES GR NEU DEN FPRESS	2577	2791

Casing and leak-off tests

Casing type	Casing diam. [inch]	Casing depth [m]	Hole diam. [inch]	Hole depth [m]	LOT/FIT mud eqv. [g/cm3]	Formation test type
CONDUCTOR	30	185.5	36	185.5	0.00	
INTERM.	13 3/8	1123.0	17 1/2	1270.0	1.51	FIT
INTERM.	9 5/8	2617.0	12 1/4	2625.0	2.05	LOT
OPEN HOLE		2787.0	8 1/2	2787.0	0.00	

Drilling mud

Depth MD [m]	Mud weight [g/cm3]	Visc. [mPa.s]	Yield point [Pa]	Mud type	Date measured
119	1.03	1.0	1.0	Water Base	
295	1.35	19.0	13.8	Water Base	
732	1.03	1.0		Water Base	
733	1.35	21.0	18.1	Water Base	
1158	1.30	15.0	14.3	Water Base	
1888	1.35	22.0	17.7	Water Base	
2786	1.35	19.0	14.3	Water Base	