

**General information**

Wellbore name	7/12-3
Type	EXPLORATION
Purpose	APPRAISAL
Status	P&A
Factmaps in new window	link to map
Main area	NORTH SEA
Field	ULA
Discovery	7/12-2 Ula
Well name	7/12-3
Seismic location	
Production licence	019
Drilling operator	BP Norway Limited U.A.
Drill permit	174-L
Drilling facility	NORSKALD
Drilling days	60
Entered date	05.04.1977
Completed date	03.06.1977
Release date	03.06.1979
Publication date	13.08.2015
Purpose - planned	APPRAISAL
Reentry	NO
Content	DRY
Discovery wellbore	NO
Kelly bushing elevation [m]	24.0
Water depth [m]	71.0
Total depth (MD) [m RKB]	3710.0
Final vertical depth (TVD) [m RKB]	3709.0
Maximum inclination [°]	2.8
Oldest penetrated age	LATE JURASSIC
Oldest penetrated formation	ULA FM
Geodetic datum	ED50
NS degrees	57° 6' 24.54" N
EW degrees	2° 48' 41.56" E
NS UTM [m]	6329434.14
EW UTM [m]	488583.99
UTM zone	31
NPDID wellbore	296

**Wellbore history****General**

Well 7/12-3 was drilled as an appraisal well on the western flank of the 7/12-2 Ula Discovery in the North Sea.

Operations and results

Appraisal well 7/12-3 was spudded with the semi-submersible installation Norskald on 5 April 1977 and drilled to TD at 3710 m in Late Jurassic sediments. The drilling, coring and logging of the well were of a routine nature. Plugging of the flow lines and screens by hydrating clays while drilling the 17-1/2" hole caused delays and the loss of considerable quantities of mud. Rates of penetration were less than anticipated in the Lower Cretaceous and Upper Jurassic mudstones/ shales. Ninety-four hours were lost through weather delays during the course of the well. The well was drilled with fresh water and gel down to 471 m and with Lime/Drispac mud from 471 m to TD.

Core, log and R.F.T. analyses proved the well to have penetrated the Jurassic reservoir discovered in well 7/12-2 beneath the oil water contact.

One core was cut in the Jurassic section, from 3612.2 to 3628.6 m. An RFT water sample was taken at 3683 m

The well was plugged back for sidetracking on 3 June 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]
180.00	3708.00

Cuttings available for sampling?	YES
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Cores at the Norwegian Offshore Directorate

Core sample number	Core sample - top depth	Core sample - bottom depth	Core sample depth - uom
1	3612.2	3628.6	[m]

Total core sample length [m]	16.4
Cores available for sampling?	YES

**Core photos**

3612-3617m



3617-3622m



3622-3627m



3627-3628m

Lithostratigraphy

Top depth [mMD RKB]	Lithostrat. unit
95	NORDLAND GP
1565	HORDALAND GP
2631	ROGALAND GP
2631	BALDER FM
2665	SELE FM
2707	LISTA FM
2730	MAUREEN FM
2791	SHETLAND GP
2791	EKOFISK FM
2933	TOR FM
3189	HOD FM
3255	CROMER KNOLL GP
3255	RØDBY FM

Geochemical information

Document name	Document format	Document size [MB]
296_GCH_1	pdf	0.26
296_GCH_2	pdf	0.15
296_GCH_3	pdf	0.72
296_GCH_4	pdf	0.28
296_GCH_5	pdf	0.35

Documents - older Norwegian Offshore Directorate WDSS reports and other related documents





Document name	Document format	Document size [MB]
296 01 WDSS General Information	pdf	0.25

Documents - reported by the production licence (period for duty of secrecy expired)

Document name	Document format	Document size [MB]
296 7 12 3 COMPLETION LOG	pdf	1.97
296 7 12 3 COMPLETION REPORT	pdf	6.12

Logs

Log type	Log top depth [m]	Log bottom depth [m]
CBL	235	1680
CDM	3400	3699
FDC	3400	3700
GR	191	463
ISF SONIC	463	3706
VELOCITY	463	3706

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	169.0	36	174.0	0.00	
SURF.COND.	20	467.0	26	470.0	0.00	
INTERM.	13 3/8	1679.0	17 1/2	1686.0	0.00	
OPEN HOLE		3710.0	12 1/4	3710.0	0.00	

Drilling mud

Depth MD [m]	Mud weight [g/cm3]	Visc. [mPa.s]	Yield point [Pa]	Mud type	Date measured
470	1.13			waterbased	
1686	1.41			waterbased	
2812	1.52			waterbased	
3151	1.55			waterbased	





3401	1.55			waterbased	
3710	1.55			waterbased	

Pressure plots

The pore pressure data is sourced from well logs if no other source is specified. In some wells where pore pressure logs do not exist, information from Drill stem tests and kicks have been used. The data has been reported to the NPD, and further processed and quality controlled by IHS Markit.

Document name	Document format	Document size [MB]
296 Formation pressure (Formasjonstrykk)	pdf	0.20

