

**General information**

Wellbore name	17/12-1
Type	EXPLORATION
Purpose	WILDCAT
Status	SUSPENDED
Factmaps in new window	link to map
Main area	NORTH SEA
Well name	17/12-1
Seismic location	LINE 685 402 SP.160
Production licence	016
Drilling operator	Phillips Petroleum Company Norway
Drill permit	64-L
Drilling facility	MÆRSK EXPLORER
Drilling days	5
Entered date	27.10.1971
Completed date	01.11.1971
Release date	01.11.1973
Publication date	25.04.2005
Purpose - planned	WILDCAT
Reentry	NO
Content	DRY
Discovery wellbore	NO
Kelly bushing elevation [m]	27.0
Water depth [m]	115.0
Total depth (MD) [m RKB]	458.0
Final vertical depth (TVD) [m RKB]	458.0
Maximum inclination [°]	3
Oldest penetrated age	OLIGOCENE
Oldest penetrated formation	HORDALAND GP
Geodetic datum	ED50
NS degrees	58° 11' 17.3" N
EW degrees	3° 56' 22.2" E
NS UTM [m]	6450188.44
EW UTM [m]	555243.17
UTM zone	31
NPDID wellbore	339

**Wellbore history****General**

Exploration well 17/12-1 is located on the northern margin of the Egersund Basin in the North Sea, towards the Åsta Graben. Its primary target was Jurassic sands (Bream prospect) with estimated top at 2161 m (7090 feet) and with 61 m (200 feet) thickness. Sand developments within the Early Cretaceous and Triassic sections were regarded as secondary objectives. Planned TD was 8 m (25 feet) into the Zechstein salt.

Operations and results

Well 17/12-1 was spudded with the 3 leg jack-up installation Mærsk Explorer on 27 October 1971 and drilled to TD at 458 m in the 26" section where it was suspended on 1 November for later re-entry with a different rig, Ocean Viking.

Testing

No drill stem test was performed.

Cuttings at the Norwegian Offshore Directorate

Cutting sample, top depth [m]	Cutting samples, bottom depth [m]
463.30	4297.68

Cuttings available for sampling?	NO
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Palynological slides at the Norwegian Offshore Directorate

Sample depth	Depth unit	Sample type	Laboratory
7575.0	[ft]	DC	
7720.0	[ft]	DC	
7888.0	[ft]	DC	

Lithostratigraphy

Top depth [mMD RKB]	Lithostrat. unit
142	NORDLAND GP
450	HORDALAND GP

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





Document name	Document format	Document size [MB]
339 17 12 1 COMPLETION LOG	pdf	2.38
339 17 12 1 COMPLETION REPORT	pdf	6.74

Logs

Log type	Log top depth [m]	Log bottom depth [m]
BHC	488	1095
BHC-C	1082	4226
CBL	141	2417
FDC	2103	4230
GR	137	488
GR	771	1082
IES	445	4229
SRS	145	4017

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	178.0	36	178.0	0.00	LOT
INTERM.	20	458.0	26	458.0	0.00	LOT

Drilling mud

Depth MD [m]	Mud weight [g/cm3]	Visc. [mPa.s]	Yield point [Pa]	Mud type	Date measured
176	1.07			seawater	
457	1.13			seawater	

