General information

Wellbore name	17/11-2
Type	EXPLORATION
Purpose	WILDCAT
Status	P&A
Factmaps in new window	link to map
Main area	NORTH SEA
Well name	17/11-2
Seismic location	
Production licence	010
Drilling operator	A/S Norske Shell
Drill permit	154-L
Drilling facility	CHRIS CHENERY
Drilling days	36
Entered date	12.04.1976
Completed date	17.05.1976
Release date	17.05.1978
Publication date	25.04.2005
Purpose - planned	WILDCAT
Reentry	NO
Content	DRY
Discovery wellbore	NO
Kelly bushing elevation [m]	33.0
Water depth [m]	79.0
Total depth (MD) [m RKB]	2644.0
Maximum inclination [°]	1.5
Bottom hole temperature [°C]	66
Oldest penetrated age	LATE TRIASSIC
Oldest penetrated formation	SMITH BANK FM
Geodetic datum	ED50
NS degrees	58° 6' 54.91'' N
EW degrees	3° 22' 9.81'' E
NS UTM [m]	6441747.95
EW UTM [m]	521765.26
UTM zone	31
NPDID wellbore	338

Wellbore history

General

The prospect lay in the Egersund Basin West of Phillips' marginal Bream and Brisling discoveries. Well 17/11-2 was located to penetrate Middle Jurassic/Triassic sands on the west flank of a NNE-SSW piercement salt wall. A pair of prominent west-dipping growth faults marks the western edge of the salt wall.

The well is reference well for the Åsgard Formation and Ran sandstone units.

Operations and results

Wildcat well 17/11-2 was spudded with the semi-submersible installation Chris Chenery on 12 April 1976 and drilled to TD at 2644 m in the Triassic sediments. The well was drilled without significant problems with bentonite/seawater spud mud down to 436 m and with Lime/PAC (Drispac)/seawater from 436 m to TD.

Top chalk was picked at 1323 m. Dipmeter evidence indicated several faults within the Early Cretaceous sequence, at 2025 m, 2244 m and 2382 m. Apart from minor gas shows while drilling in the Early Cretaceous/Late Jurassic shales, no hydrocarbon indications (shows and logs) were seen in the well. Dark grey to black carbonaceous Kimmeridgian shales were penetrated from 2495 m to 2521 m. The top of the target ? Triassic sandstone at 2521 m was marked by a sudden increase in penetration rate and sand grains in the cuttings. A total of 35 m net sand with 17 - 30 % porosity was evaluated, the thickest single sand unit was 7.5 m. One conventional core was cut from 2532.7m to 2540.4 m. No fluid samples were taken.

The well was permanently abandoned on 24 March 1969 as dry hole.

Testing

No drill stem test was performed.

Cuttings at the Norwegian Offshore Directorate

Cutting sample, top depth [m]	Cutting samples, bottom depth [m]
210.00	2645.00

Cuttings available for sampling?	NO

Cores at the Norwegian Offshore Directorate

Core sample number	Core sample - top depth	Core sample - bottom depth	Core sample depth - uom
1	8310.0	8323.0	[ft]
2	8323.0	8335.0	[ft]

Total core sample length [m]	7.6
Cores available for sampling?	YES

Lithostratigraphy

Top depth [mMD RKB]	Lithostrat. unit
112	NORDLAND GP
689	HORDALAND GP
1220	ROGALAND GP
1220	BALDER FM
1245	SELE FM
1270	LISTA FM
1310	VÅLE FM
1323	SHETLAND GP
1323	EKOFISK FM
1354	TOR FM
1640	HOD FM
1700	HIDRA FM
1787	CROMER KNOLL GP
1787	RAN SANDSTONE UNITS
1802	ÅSGARD FM
2410	BOKNFJORD GP
2410	FLEKKEFJORD FM
2422	SAUDA FM
2495	TAU FM
2513	EGERSUND FM
2521	NO GROUP DEFINED
2521	SKAGERRAK FM
2608	SMITH BANK FM

Composite logs

Document name	Document format	Document size [MB]
338	pdf	0.35

Geochemical information

Document name	Document format	Document size [MB]
338_1	pdf	0.72

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

Document name	Document format	Document size [MB]
338_01_WDSS_General_Information	pdf	0.27

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

Document name	Document format	Document size [MB]
338_01_Resume_of_exploration_well	pdf	5.37
338_02_Composite_well_log	pdf	1.27
338_03_Source_rock_and_carbonisation_evaluation	pdf	0.97
338_04_Micropalaeontological_summary_of_norske_shell	pdf	2.01
338_05_Drilling_programme_location_17-11-cx_norske_shell	pdf	1.48
338_06_Contingency_plan_for_uncontrolled_blowout	pdf	2.12

Logs

Log type	Log top depth [m]	Log bottom depth [m]
BHC GR	189	436
CBL	110	590
CDM	1307	2627
DLL MSFL GR	1150	2631
FDC CNL GR	1150	2638
ISF SONIC GR SP	268	1025
ISF SONIC GR SP	875	2635
SRS	189	2636

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	188.0	36	198.0	0.00	LOT
SURF.COND.	20	427.0	26	429.0	0.00	LOT
INTERM.	13 3/8	1306.0	17 1/2	1322.0	0.00	LOT
OPEN HOLE		2644.0	12 1/4	2644.0	0.00	LOT

Drilling mud

Depth MD [m]	Mud weight [g/cm3]	Visc. [mPa.s]	Yield point [Pa]	Mud type	Date measured
198	0.00			seawater	
434	1.11			water based	
1322	1.14			water based	
2165	1.15			water based	
2644	1.14			water based	