

**General information**

Wellbore name	7219/9-1
Type	EXPLORATION
Purpose	WILDCAT
Status	P&A
Factmaps in new window	link to map
Main area	BARENTS SEA
Well name	7219/9-1
Seismic location	MN 85 105 SP. 1125
Production licence	136
Drilling operator	Norsk Hydro Produksjon AS
Drill permit	568-L
Drilling facility	POLAR PIONEER
Drilling days	101
Entered date	17.11.1987
Completed date	25.02.1988
Release date	25.02.1990
Publication date	03.12.2004
Purpose - planned	WILDCAT
Reentry	NO
Content	SHOWS
Discovery wellbore	NO
Kelly bushing elevation [m]	23.0
Water depth [m]	356.0
Total depth (MD) [m RKB]	4300.0
Final vertical depth (TVD) [m RKB]	4286.0
Maximum inclination [°]	8.2
Bottom hole temperature [°C]	145
Oldest penetrated age	LATE TRIASSIC
Oldest penetrated formation	SNADD FM
Geodetic datum	ED50
NS degrees	72° 24' 0.78" N
EW degrees	19° 57' 11.68" E
NS UTM [m]	8040679.94
EW UTM [m]	667003.56
UTM zone	33
NPDID wellbore	1138



Wellbore history

General

Well 7219/9-1 is located in the Bjørnøya Sør area between the Veslemøy High and the Polheim Sub-platform. The main target in the well was the reservoir and hydrocarbon potential of Early-Middle Jurassic sandstones. Late Triassic sandstone of the Snadd Formation was a secondary target. The wildcat well should also provide good seismic tie and gain velocity information to enable more detailed mapping of the area. It should further provide maximum amounts of information on source, seal and reservoir intervals. The well was positioned to leave a minimum of untested reserves up-dip with respect to the primary objective.

Operations and results

Wildcat well 7219/9-1 was spudded with the semi-submersible installation Polar Pioneer on 17 November 1987 and drilled to TD at 4300 m in the Triassic Snadd Formation. The hole was drilled without riser to the 20" casing depth. It was drilled to 1625 m without problems when loss of drilling mud occurred. The hole was stabilised, logged, sidewall cores were cut, and it was cemented. During cementing there were problems in the top hole with the BOP and permanent guide base. Upper part of the 30" section was cemented. Coring equipment did not get past dog leg at 2208 m. Attempts to open the hole were made but the equipment got stuck. Fishing was unsuccessful. A cement plug was set from 2185 m to 2004 m, and the hole was sidetracked at ca 2078 m. Further drilling to TD went without significant problems. The well was drilled with seawater and hi-vis pills down to 718 m and with KCl / polymer mud from 718 m to 2723 m. From 2723 m the KCl was allowed to deplete naturally and the well was drilled with a polymer mud to TD.

Top reservoir, Stø Formation, was encountered from 1950.5 m to 2062 m with 99 m net sand of 17.8% average porosity. Nordmela Formation was penetrated from 2062 m to 2205.5 m with 59.5 m net sand with 16.5 % average porosity. The Tubåen Formation from 2205.5 m to 2305 m had 64.5 % net sand with 17.3% average porosity. Logs and RFT data indicated the reservoir to be water bearing with possible residual oil. Top Snadd Formation came in at 2876.5 m, approximately 372 m higher than prognosed. Logs and RFT tests indicated the sandstone zones to be water bearing.

Shows were recorded in cuttings, sidewall cores and conventional cores in sandstones from 1855 m to 3040 m. The strongest shows were recorded on sandstone stringers in the intervals 1855 m to 1902 and in the more massive sandstones in the cored section from 1950 m to 2114 m.

A total of ten cores were cut in the well. Cores 1-9 were cut in the first hole in the Jurassic Fuglen, Stø and Nordmela Formations in the interval 1922.5 - 2114.4 m. Core 10 was taken in the sidetrack hole in the Late Triassic, Fruholmen Formation from 2742.0 m to 2769.8 m. No fluid samples were taken in the well.

The well was permanently abandoned 25 February 1988 as dry with residual hydrocarbons in Jurassic and Late Triassic sandstones.

Testing

No drill stem test was performed



Cuttings at the Norwegian Offshore Directorate

Cutting sample, top depth [m]	Cutting samples, bottom depth [m]
720.00	4300.00

Cuttings available for sampling?	NO
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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	1922.5	1929.5	[m]
2	1930.0	1958.0	[m]
3	1958.0	1984.9	[m]
4	1984.9	1987.8	[m]
5	1988.0	2015.8	[m]
6	2015.9	2044.0	[m]
7	2044.0	2071.7	[m]
8	2071.7	2099.4	[m]
9	2099.4	2114.0	[m]
10	2742.0	2767.6	[m]

Total core sample length [m]	216.3
Cores available for sampling?	YES

Core photos



1922-1927m



1927-1930m



1930-1935m



1935-1940m



1940-1945m



1945-1950m



1950-1955m



1955-1958m



1958-1963m



1963-1968m



1968-1973m



1973-1978m



1978-1983m



1983-1985m



1985-1988m



1988-1993m



1993-1998m



1998-2003m



2003-2008m



2008-2013m



2013-2016m



2016-2020m



2020-2025m



2025-2030m



2030-2035m



2035-2040m



2040-2044m



2044-2049m



2049-2054m



2054-2059m



2059-2064m



2064-2069m



2069-2072m



2072-2076m



2076-2081m



2081-2086m



2086-2091m



2091-2096m



2096-2099m



2099-2104m



2104-2109m



2109-2114m



2114-2114m



2742-2748m



2748-2754m



2754-2760m



2760-2766m



2766-2768m

Palynological slides at the Norwegian Offshore Directorate

Sample depth	Depth unit	Sample type	Laboratory
445.0	[m]	SWC	HYDRO
457.0	[m]	SWC	HYDRO
460.0	[m]	SWC	HYDRO
480.0	[m]	SWC	HYDRO
484.5	[m]	SWC	HYDRO
490.0	[m]	SWC	HYDRO
523.0	[m]	SWC	HYDRO
564.0	[m]	SWC	HYDRO
605.0	[m]	SWC	HYDRO
663.5	[m]	SWC	HYDRO
685.0	[m]	SWC	HYDRO
705.0	[m]	SWC	HYDRO
712.0	[m]	SWC	HYDRO
720.0	[m]	DC	GEARH
740.0	[m]	DC	GEARH
760.0	[m]	SWC	HYDRO
760.0	[m]	DC	GEARH
780.0	[m]	DC	GEARH
783.5	[m]	SWC	HYDRO
800.0	[m]	DC	GEARH
820.0	[m]	DC	GEARH
835.0	[m]	SWC	HYDRO
835.0	[m]	DC	GEARH



855.0 [m]	DC	GEARH
875.0 [m]	DC	GEARH
895.0 [m]	DC	GEARH
915.0 [m]	DC	GEARH
935.0 [m]	SWC	HYDRO
935.0 [m]	DC	GEARH
955.0 [m]	DC	GEARH
975.0 [m]	DC	GEARH
995.0 [m]	DC	GEARH
1015.0 [m]	DC	GEARH
1035.0 [m]	DC	GEARH
1048.0 [m]	SWC	HYDRO
1055.0 [m]	DC	GEARH
1075.0 [m]	DC	GEARH
1095.0 [m]	DC	GEARH
1115.0 [m]	DC	GEARH
1135.0 [m]	DC	GEARH
1155.0 [m]	DC	GEARH
1175.0 [m]	DC	GEARH
1190.0 [m]	DC	GEARH
1210.0 [m]	DC	GEARH
1230.0 [m]	DC	GEARH
1250.0 [m]	DC	GEARH
1259.0 [m]	SWC	HYDRO
1270.0 [m]	DC	GEARH
1290.0 [m]	DC	GEARH
1296.0 [m]	SWC	HYDRO
1310.0 [m]	DC	GEARH
1316.0 [m]	SWC	HYDRO
1330.0 [m]	DC	GEARH
1336.5 [m]	SWC	HYDRO
1350.0 [m]	DC	GEARH
1370.0 [m]	DC	GEARH
1390.0 [m]	DC	GEARH
1410.0 [m]	DC	GEARH
1423.0 [m]	SWC	HYDRO
1430.0 [m]	DC	GEARH
1438.0 [m]	SWC	HYDRO
1450.0 [m]	DC	GEARH
1466.0 [m]	SWC	HYDRO



1467.0 [m]	SWC	HYDRO
1468.0 [m]	SWC	HYDRO
1470.0 [m]	SWC	HYDRO
1470.0 [m]	DC	GEARH
1490.0 [m]	DC	GEARH
1494.7 [m]	SWC	HYDRO
1503.0 [m]	SWC	HYDRO
1510.0 [m]	DC	GEARH
1530.0 [m]	DC	GEARH
1535.0 [m]	SWC	HYDRO
1550.0 [m]	DC	GEARH
1558.0 [m]	SWC	HYDRO
1570.0 [m]	SWC	HYDRO
1570.0 [m]	DC	GEARH
1590.0 [m]	DC	GEARH
1592.0 [m]	SWC	HYDRO
1610.0 [m]	DC	GEARH
1620.0 [m]	DC	GEARH
1625.0 [m]	DC	GEARH
1670.0 [m]	DC	GEARH
1692.5 [m]	SWC	HYDRO
1725.0 [m]	SWC	HYDRO
1730.0 [m]	DC	GEARH
1740.0 [m]	SWC	HYDRO
1750.0 [m]	DC	GEARH
1770.0 [m]	DC	GEARH
1775.0 [m]	SWC	HYDRO
1790.0 [m]	DC	GEARH
1793.5 [m]	SWC	HYDRO
1800.0 [m]	DC	OD
1810.0 [m]	SWC	HYDRO
1810.0 [m]	DC	GEARH
1830.0 [m]	DC	OD
1831.0 [m]	SWC	HYDRO
1835.0 [m]	SWC	HYDRO
1839.5 [m]	SWC	HYDRO
1840.0 [m]	DC	OD
1845.0 [m]	SWC	HYDRO
1848.0 [m]	SWC	HYDRO
1850.0 [m]	DC	OD



1850.5 [m]	SWC	HYDRO
1853.0 [m]	SWC	HYDRO
1855.0 [m]	SWC	HYDRO
1857.0 [m]	DC	OD
1860.0 [m]	SWC	HYDRO
1865.0 [m]	SWC	HYDRO
1865.0 [m]	DC	OD
1869.0 [m]	SWC	HYDRO
1872.0 [m]	DC	OD
1875.0 [m]	SWC	HYDRO
1880.0 [m]	SWC	HYDRO
1880.0 [m]	DC	OD
1885.0 [m]	SWC	HYDRO
1890.0 [m]	SWC	HYDRO
1890.0 [m]	DC	OD
1895.0 [m]	DC	OD
1897.0 [m]	SWC	HYDRO
1900.0 [m]	DC	OD
1901.0 [m]	SWC	HYDRO
1907.0 [m]	SWC	HYDRO
1907.0 [m]	DC	OD
1909.0 [m]	SWC	HYDRO
1915.0 [m]	DC	OD
1917.0 [m]	SWC	HYDRO
1920.0 [m]	SWC	HYDRO
1920.0 [m]	DC	OD
1922.5 [m]	C	OD
1922.6 [m]	C	HYDRO
1927.6 [m]	C	OD
1929.4 [m]	C	HYDRO
1932.5 [m]	C	OD
1935.2 [m]	C	HYDRO
1940.3 [m]	C	HYDRO
1941.8 [m]	C	OD
1945.0 [m]	C	HYDRO
1945.8 [m]	C	OD
1947.3 [m]	C	OD
1948.2 [m]	C	OD
1949.0 [m]	C	GEARH
1949.5 [m]	C	OD



1949.5 [m]	C	HYDRO
1950.1 [m]	C	HYDRO
1950.9 [m]	C	OD
1954.9 [m]	C	OD
1958.2 [m]	C	HYDRO
1958.2 [m]	C	OD
1958.4 [m]	C	HYDRO
1962.4 [m]	C	OD
1969.0 [m]	C	GEARH
1979.0 [m]	C	GEARH
1990.0 [m]	C	GEARH
1991.6 [m]	C	OD
2005.7 [m]	C	OD
2008.6 [m]	C	HYDRO
2010.0 [m]	C	GEARH
2020.0 [m]	C	GEARH
2023.9 [m]	C	OD
2030.0 [m]	C	GEARH
2036.6 [m]	C	OD
2036.6 [m]	C	HYDRO
2040.0 [m]	C	GEARH
2042.8 [m]	C	OD
2047.5 [m]	C	OD
2050.0 [m]	C	GEARH
2053.7 [m]	C	OD
2057.6 [m]	C	HYDRO
2059.0 [m]	C	GEARH
2061.5 [m]	C	HYDRO
2069.8 [m]	C	OD
2070.0 [m]	C	GEARH
2080.0 [m]	C	GEARH
2080.4 [m]	C	OD
2090.0 [m]	C	GEARH
2092.7 [m]	C	HYDRO
2100.0 [m]	C	GEARH
2101.0 [m]	C	OD
2108.5 [m]	C	OD
2108.8 [m]	C	GEARH
2113.5 [m]	C	HYDRO
2120.0 [m]	DC	OD



2125.0 [m]	DC	GEARH
2130.0 [m]	SWC	HYDRO
2130.0 [m]	DC	OD
2135.0 [m]	SWC	HYDRO
2137.0 [m]	DC	GEARH
2140.0 [m]	DC	OD
2140.5 [m]	SWC	HYDRO
2147.0 [m]	DC	GEARH
2150.0 [m]	DC	OD
2157.0 [m]	SWC	HYDRO
2157.0 [m]	DC	GEARH
2158.0 [m]	SWC	HYDRO
2160.0 [m]	DC	OD
2167.0 [m]	DC	GEARH
2170.0 [m]	DC	OD
2177.0 [m]	DC	GEARH
2180.0 [m]	SWC	HYDRO
2180.0 [m]	DC	OD
2185.0 [m]	DC	GEARH
2190.0 [m]	DC	OD
2197.0 [m]	DC	GEARH
2200.0 [m]	DC	OD
2203.5 [m]	SWC	HYDRO
2210.0 [m]	DC	OD
2220.0 [m]	DC	OD
2230.0 [m]	DC	OD
2230.5 [m]	SWC	HYDRO
2240.0 [m]	DC	OD
2250.0 [m]	DC	OD
2255.0 [m]	SWC	HYDRO
2260.0 [m]	DC	OD
2275.0 [m]	SWC	HYDRO
2335.5 [m]	SWC	HYDRO
2352.0 [m]	SWC	HYDRO
2360.0 [m]	SWC	HYDRO
2462.0 [m]	SWC	HYDRO
2487.0 [m]	SWC	HYDRO
2507.0 [m]	SWC	HYDRO
2542.5 [m]	SWC	HYDRO
2575.0 [m]	SWC	HYDRO



2647.5	[m]	SWC	HYDRO
2676.0	[m]	SWC	HYDRO
2694.5	[m]	SWC	HYDRO
2720.0	[m]	DC	OD
2750.0	[m]	DC	OD
2762.0	[m]	C	HYDRO
2763.0	[m]	C	HYDRO
2764.0	[m]	C	HYDRO
2765.0	[m]	C	HYDRO
2792.0	[m]	SWC	HYDRO
2821.5	[m]	SWC	HYDRO
2852.0	[m]	SWC	HYDRO
2886.0	[m]	SWC	HYDRO
2954.0	[m]	SWC	HYDRO
3007.0	[m]	SWC	HYDRO
3037.5	[m]	SWC	HYDRO
3085.5	[m]	SWC	HYDRO
3208.5	[m]	SWC	HYDRO
3292.0	[m]	SWC	HYDRO
3341.5	[m]	SWC	HYDRO
3490.5	[m]	SWC	HYDRO
3652.0	[m]	SWC	HYDRO
3821.0	[m]	SWC	HYDRO
3840.0	[m]	SWC	HYDRO
3971.0	[m]	SWC	HYDRO
4033.5	[m]	SWC	HYDRO
4135.0	[m]	SWC	HYDRO
4193.0	[m]	SWC	HYDRO
4239.0	[m]	SWC	HYDRO
4295.3	[m]	SWC	HYDRO

Lithostratigraphy

Top depth [mMD RKB]	Lithostrat. unit
379	NORDLAND GP
483	SOTBAKKEN GP
483	TORSK FM
1468	ADVENTDALEN GP
1468	KOLMULE FM



1836	KNURR FM
1893	HEKKINGEN FM
1919	FUGLEN FM
1951	KAPP TOSCANA GP
1951	STØ FM
2062	NORDMELA FM
2206	TUBÅEN FM
2305	FRUHOLMEN FM
2877	SNADD FM

Composite logs

Document name	Document format	Document size [MB]
1138	pdf	0.86

Geochemical information

Document name	Document format	Document size [MB]
1138_1	pdf	2.69
1138_2	pdf	3.41
1138_3	pdf	4.77
1138_4	pdf	2.11

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

Document name	Document format	Document size [MB]
1138_01_WDSS_General_Information	pdf	0.29
1138_02_WDSS_completion_log	pdf	0.29

Logs

Log type	Log top depth [m]	Log bottom depth [m]
AMS	1590	2179
AMS	1590	2708
AMS	2701	4151





AMS	4100	4303
CBL VDL	600	1580
CBL VDL	1400	2680
CST	445	705
CST	712	1592
CST	1653	2694
CST	1725	2163
CST	2792	3834
CST	3840	4295
DIL BHC SP GR	441	705
DIL BHC SP GR	701	1596
DIL BHC SP GR	2701	4151
DIL BHC SP GR	4100	4301
DIL LSS SP GR	1590	2179
DIL LSS SP GR	1900	2710
LDL CNL GR CAL	441	689
LDL CNL GR CAL	701	1580
LDL CNL GR CAL	4100	4303
LDL CNL NGT CAL	1570	2180
LDL CNL NGT CAL	1900	2707
LDL CNL NGT CAL	2701	4145
MSFL	701	1596
MSFL	1900	2710
MSFL	2701	4145
MWD	379	3767
RFT	1856	2153
RFT	2749	4191
SHDT GR	701	1596
SHDT GR	1590	2708
SHDT GR	2701	4153
VSP	700	2705
VSP	1600	3944

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	441.0	36	443.0	0.00	LOT
SURF.COND.	20	701.0	26	718.0	1.44	LOT



INTERM.	13 3/8	1586.0	17 1/2	1625.0	1.60	LOT
INTERM.	9 5/8	2701.0	12 1/4	2751.0	1.75	LOT
OPEN HOLE		4300.0	8 1/2	4300.0	0.00	LOT

Drilling mud

Depth MD [m]	Mud weight [g/cm3]	Visc. [mPa.s]	Yield point [Pa]	Mud type	Date measured
377	1.00			WATER BASED	25.02.1988
429	1.03			WATER BASED	24.02.1988
434	1.05			WATER BASED	19.11.1987
441	1.06			WATER BASED	20.11.1987
443	1.06			WATER BASED	23.11.1987
594	1.05			WATER BASED	23.11.1987
718	1.06			WATER BASED	25.11.1987
718	1.06			WATER BASED	23.11.1987
718	1.06			WATER BASED	24.11.1987
718	1.08	20.0	11.0	WATER BASED	26.11.1987
755	1.10	17.0	9.0	WATER BASED	27.11.1987
1109	1.11	18.0	14.0	WATER BASED	30.11.1987
1392	1.15	21.0	12.0	WATER BASED	30.11.1987
1420	1.26	19.0	8.0	WATER BASED	23.02.1988
1625	1.13	13.0	8.0	WATER BASED	01.12.1987
1625	1.22	19.0	12.0	WATER BASED	30.11.1987
1625	1.15	20.0	15.0	WATER BASED	02.12.1987
1625	1.15	20.0	15.0	WATER BASED	03.12.1987
1625	1.17	19.0	10.0	WATER BASED	04.12.1987
1625	1.17	18.0	19.0	WATER BASED	07.12.1987
1625	1.17	17.0	10.0	WATER BASED	07.12.1987
1625	1.17	14.0	8.0	WATER BASED	08.12.1987
1791	1.18	18.0	9.0	WATER BASED	09.12.1987
1907	1.20	18.0	10.0	WATER BASED	10.12.1987
1923	1.27	18.0	10.0	WATER BASED	11.12.1987
1931	1.27	19.0	10.0	WATER BASED	14.12.1987
1958	1.27	19.0	12.0	WATER BASED	14.12.1987
1985	1.27	18.0	11.0	WATER BASED	14.12.1987
2004	1.31	21.0	9.0	WATER BASED	08.01.1988
2015	1.27	18.0	10.0	WATER BASED	15.12.1987
2042	1.27	18.0	10.0	WATER BASED	16.12.1987



2058	1.31	19.0	8.0	WATER BASED	08.01.1988
2064	1.31	22.0	11.0	WATER BASED	05.01.1988
2064	1.31	22.0	12.0	WATER BASED	06.01.1988
2072	1.27	19.0	10.0	WATER BASED	17.12.1987
2098	1.31	23.0	8.0	WATER BASED	11.01.1988
2099	1.27	19.0	10.0	WATER BASED	18.12.1987
2114	1.27	19.0	10.0	WATER BASED	21.12.1987
2139	1.31	23.0	7.0	WATER BASED	11.01.1988
2210	1.27	15.0	10.0	WATER BASED	21.12.1987
2227	1.30	24.0	8.0	WATER BASED	11.01.1988
2302	1.27	16.0	9.0	WATER BASED	21.12.1987
2345	1.27	15.0	8.0	WATER BASED	22.12.1987
2347	1.31	24.0	9.0	WATER BASED	12.01.1988
2398	1.31	28.0	9.0	WATER BASED	13.01.1988
2420	1.27	16.0	8.0	WATER BASED	23.12.1987
2444	1.27	14.0	8.0	WATER BASED	28.12.1987
2453	1.26	14.0	10.0	WATER BASED	28.12.1987
2503	1.31	25.0	9.0	WATER BASED	14.01.1988
2557	1.23	14.0	9.0	WATER BASED	28.12.1987
2595	1.26	19.0	8.0	WATER BASED	22.02.1988
2604	1.31	25.0	9.0	WATER BASED	15.01.1988
2657	1.23	14.0	7.0	WATER BASED	28.12.1987
2692	1.31	26.0	11.0	WATER BASED	18.01.1988
2720	1.31	26.0	11.0	WATER BASED	18.01.1988
2723	1.31	26.0	11.0	WATER BASED	19.01.1988
2723	1.15	16.0	8.0	WATER BASED	22.01.1988
2723	1.30	26.0	11.0	WATER BASED	20.01.1988
2735	1.23	14.0	7.0	WATER BASED	28.12.1987
2751	1.23	14.0	7.0	WATER BASED	29.12.1987
2751	1.23	14.0	7.0	WATER BASED	30.12.1987
2751	1.27	18.0	10.0	WATER BASED	04.01.1988
2751	1.28	20.0	10.0	WATER BASED	04.01.1988
2751	1.30	21.0	11.0	WATER BASED	04.01.1988
2751	1.23	14.0	7.0	WATER BASED	04.01.1988
2756	1.16	16.0	7.0	WATER BASED	22.01.1988
2810	1.16	14.0	6.0	WATER BASED	25.01.1988
2933	1.15	12.0	6.0	WATER BASED	25.01.1988
2996	1.15	15.0	7.0	WATER BASED	25.01.1988
3118	1.16	12.0	6.0	WATER BASED	26.01.1988
3168	1.16	15.0	6.0	WATER BASED	27.01.1988



3263	1.15	14.0	6.0	WATER BASED	28.01.1988
3342	1.15	16.0	6.0	WATER BASED	01.02.1988
3387	1.15	16.0	6.0	WATER BASED	01.02.1988
3405	1.15	15.0	6.0	WATER BASED	01.02.1988
3485	1.15	14.0	6.0	WATER BASED	01.02.1988
3512	1.15	14.0	5.0	WATER BASED	02.02.1988
3585	1.15	16.0	6.0	WATER BASED	03.02.1988
3613	1.17	16.0	6.0	WATER BASED	04.02.1988
3677	1.17	17.0	6.0	WATER BASED	05.02.1988
3708	1.17	16.0	6.0	WATER BASED	08.02.1988
3754	1.17	15.0	6.0	WATER BASED	08.02.1988
3786	1.17	14.0	6.0	WATER BASED	08.02.1988
3880	1.19	14.0	6.0	WATER BASED	09.02.1988
3941	1.19	15.0	6.0	WATER BASED	10.02.1988
3943	1.19	14.0	6.0	WATER BASED	11.02.1988
3991	1.20	14.0	6.0	WATER BASED	12.02.1988
4044	1.20	13.0	6.0	WATER BASED	15.02.1988
4107	1.20	14.0	6.0	WATER BASED	15.02.1988
4150	1.20	14.0	7.0	WATER BASED	15.02.1988
4150	1.20	14.0	7.0	WATER BASED	16.02.1988
4218	1.20	13.0	7.0	WATER BASED	17.02.1988
4224	1.20	13.0	6.0	WATER BASED	18.02.1988
4278	1.25	19.0	9.0	WATER BASED	19.02.1988
4300	1.25	18.0	9.0	WATER BASED	22.02.1988
4300	1.25	19.0	8.0	WATER BASED	22.02.1988

Thin sections at the Norwegian Offshore Directorate

Depth	Unit
2109.50	[m]
2090.60	[m]
2078.50	[m]
2037.70	[m]
2018.50	[m]
2010.60	[m]
1967.25	[m]
1963.25	[m]
1955.00	[m]

**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]
1138 Formation pressure (Formasjonstrykk)	pdf	0.29

