



Generell informasjon

Brønnbane navn	7120/2-1
Type	EXPLORATION
Formål	WILDCAT
Status	P&A
Faktakart i nytt vindu	lenke til kart
Hovedområde	BARENTS SEA
Brønn navn	7120/2-1
Seismisk lokalisering	N H 8412 - 402 SP. 460
Utvinningstillatelse	109
Boreoperatør	Norsk Hydro Produksjon AS
Boretillatelse	464-L
Boreinnretning	TREASURE SCOUT
Boredager	178
Borestart	05.05.1985
Boreslutt	29.10.1985
Frigitt dato	29.10.1987
Publiseringsdato	18.05.2004
Opprinnelig formål	WILDCAT
Gjenåpnet	NO
Innhold	OIL SHOWS
Funnbrønnbane	NO
Avstand, boredekk - midlere havflate [m]	23.0
Vanndybde ved midlere havflate [m]	387.0
Totalt målt dybde (MD) [m RKB]	3502.0
Totalt vertikalt dybde (TVD) [m RKB]	3484.0
Maks inklinasjon [°]	16
Temperatur ved bunn av brønnbanen [°C]	97
Eldste penetrerte alder	INDETERMINATE
Eldste penetrerte formasjon	BASEMENT
Geodetisk datum	ED50
NS grader	71° 58' 57.94" N
ØV grader	20° 28' 35.09" E
NS UTM [m]	7987305.65
ØV UTM [m]	481923.84
UTM sone	34
NPDID for brønnbanen	473



Brønnhistorie

General

Wildcat well 7120/2-1 was drilled on the Loppa High in the Northern part of the block, a previous unexplored province. The primary objective of well 7120/2-1 was to test the reservoir and hydrocarbon bearing potential of Early-Middle Carboniferous rocks, truncated by a major unconformity predicted at Base Ladinian

The secondary objective was to test the reservoir (and thereby the seal) potential of Intra Middle Triassic sediments deposited above the Base Ladinian unconformity, and to also penetrate a sufficiently thick interval of the Lower Permo-Carboniferous wedge, which was prognosed to pinch out above the Early Middle Carboniferous section, in order to obtain adequate stratigraphic evaluation. It was considered a possibility that such an interval would be of reservoir quality, though probably being better developed to the east. The well was also expected to fulfil the license commitment by drilling into Devonian rocks, or to 4000 m, whichever came first.

Operations and results

The well was spudded with W.Wilhelmsen semi-submersible rig Treasure Scout on 5 May 1985 and drilled through Early Carboniferous sediments to TD at 3502 m in altered dolerites of indeterminate age. Due to a work conflict, while drilling a pilot hole prior to the 17 1/2" section, drilling was halted for 13 days. The drill string penetrated a pocket of shallow gas between 618 m and 622 m as predicted by shallow seismic reflectors. The well was drilled with seawater and hi-vis pills down to 1050 m and with KCl/polymer mud from 1050 m to TD.

A major unconformity (613 m) separates the Tertiary from the Triassic sediments with missing sediments in the age range Late Triassic to Early Paleocene. The Triassic sandstone prognosed to 1850 m was not found. A second stratigraphic break was observed at 1945 m, where Middle Triassic sediments were found resting unconformably on sediments of Early Permian age (the Base Ladinian Unconformity). At 1945 m a limestone with extremely high Gamma Ray was encountered. Below 2140 m the rocks was dominated by dolomitic limestone with thin sand- and slate- layers. Oil shows, staining, fluorescence and cut were observed sporadically throughout from 618 - 2218 m. There were good oil shows recorded on the cores from 1960 m - 2218 m, oil bleeding from fractures and vugs. Geochemical analyses verified trace quantities of free hydrocarbons throughout the well with significant quantities of migrated oil and gas in the section from 1937 m to 2196 m. The logs also showed high hydrocarbon saturation. In spite of this the well flowed water on all four tests with a 1-2 % oil cut in test four. There was a poor correlation between porosity and permeability from the cores, this and the fact that the formation was fractured made it difficult to choose cut-off values. Porosity cut-off of 7 % and shale volume cut-off of 40 % were used. Since no hydrocarbons were produced no "net pay" was established. Geochemical studies proved promising TOC results, but no significant source rock potential was identified in the well bore, and the kerogens present were of Type III, terrestrially derived and gas prone. An increasing maturity trend from seabed to 1945 m was observed with a jump at ca 600 m (Triassic unconformity), but samples were immature with respect to hydrocarbon generation down to 1600 m where the lower limit of the oil generation window was reached. Below 1945 m the trend was much more scattered and the majority of Tmax data indicated thermal maturity. Post maturity was observed below 3270 m.

Eighteen conventional cores were taken from 1960 m through the Ørn, Falk, and Ugle Formations to a depth of 2243 m. A further two cores were taken, one in non-metamorphosed conglomerates in the Billefjorden group from 2637 m to 2648 m and the



other in the altered dolerite sequence in basement from 3478 m to 3481 m. A total of 62 pretests in three RFT runs were taken, of which 42 were either tight or experienced seal failure. One 2 3/4 gallon RFT sample containing water was recovered from 620 m. No RFT samples were recovered from the reservoir intervals. Potassium-Argon dating of the altered dolerite at TD indicated an absolute age of ca 179 my as the date of the last overprinting. The well was accepted as an obligatory well on the License. It was permanently abandoned on 29 October 1985 as a well with strong oil shows.

Testing

Four DST's were performed, one in the clastic sequence and three in the carbonates sequence. Acid stimulation was conducted on the first three tests, and nitrogen lift on all four tests DST 1 produced 175 Sm³ water/day through a 2" Choke from the interval 2157.3 - 2177.3 m in the Middle Carboniferous. DST 2 produced 318 Sm³ water/day through a 64/64" Choke from the interval 2119.8 - 2139.8 m in the Middle Carboniferous. DST 3 produced 445 Sm³ water/day through a 64/64" Choke from the interval 2048.3 - 2108.3 m in the Middle Carboniferous. DST 4 produced 254 Sm³ water with 1 - 2% oil/day through a 64/64" Choke from the interval 1943.7 - 2030.7 m in the top Permian.

Borekaks i Sokkeldirektoratet

Borekaksprøve, topp dybde [m]	Borekaksprøve, bunn dybde [m]
485.00	3502.00

Borekaks tilgjengelig for prøvetaking?	YES
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Borekjerne i Sokkeldirektoratet

Kjerneprøve nummer	Kjerneprøve - topp dybde	Kjerneprøve - bunn dybde	Kjerneprøve dybde - enhet
1	1960.0	1972.4	[m]
2	1973.0	1988.4	[m]
3	1988.4	2004.0	[m]
4	2006.0	2023.8	[m]
5	2024.0	2041.5	[m]
6	2047.0	2049.8	[m]
7	2050.0	2068.5	[m]
8	2068.5	2075.0	[m]
9	2104.0	2104.5	[m]
10	2126.0	2126.4	[m]
11	2127.0	2132.7	[m]
12	2133.6	2142.0	[m]
13	2142.6	2151.0	[m]
14	2152.0	2170.0	[m]
15	2170.0	2188.8	[m]



16	2188.8	2206.0	[m]
17	2207.0	2225.8	[m]
18	2225.8	2243.0	[m]
19	2637.0	2645.9	[m]
20	3478.0	3480.5	[m]

Total kjerneprøve lengde [m]	231.2
Kjerner tilgjengelig for prøvetaking?	YES

Kjernebilder



1960-1964m



1965-1969m



1970-1972m



1973-1977m



1978-1982m



1983-1987m



1988-1988m



1988-1992m



1993-1997m



1998-2002m



2003-2003m



2006-2010m



2011-2015m



2016-2020m



2021-2023m



2024-2028m



2029-2033m



2034-2038m



2039-2041m



2047-2049m



2050-2054m



2055-2059m



2060-2064m



2065-2068m



2068-2072m



2073-2075m



2104-2104m



2126-2126m



2127-2131m



2132-2133m



2133-2137m



2138-2142m



2142-2146m



2147-2151m



2152-2156m



2157-2161m



2162-2166m



2167-2169m



2170-2174m



2175-2179m



2180-2184m



2185-2188m



2188-2192m



2193-2197m



2198-2202m



2203-2206m



2207-2211m



2212-2216m



2217-2221m



2222-2225m



2225-2229m



2230-2234m



2235-2239m



2240-2242m



2637-2642m



2643-2645m



3478-3480m



2527-2527m

Palynologiske preparater i Sokkeldirektoratet

Prøve dybde	Dybde enhet	Prøve type	Laboratorie
480.0	[m]	DC	OD
500.0	[m]	DC	OD
520.0	[m]	DC	OD
540.0	[m]	DC	OD
560.0	[m]	DC	OD
580.0	[m]	DC	OD
590.0	[m]	SWC	OD
600.0	[m]	DC	OD
607.0	[m]	SWC	OD
610.0	[m]	DC	
615.0	[m]	SWC	OD
620.0	[m]	DC	OD
620.0	[m]	DC	
622.0	[m]	SWC	OD
630.0	[m]	DC	
640.0	[m]	DC	
640.0	[m]	DC	OD
650.0	[m]	DC	
657.0	[m]	SWC	OD
660.0	[m]	DC	OD
660.0	[m]	DC	
670.0	[m]	DC	
680.0	[m]	DC	OD



Faktasider

Brønnbane / Leting

Utskriftstidspunkt: 13.5.2024 - 19:24

700.0 [m]	DC	OD
700.0 [m]	DC	
708.0 [m]	SWC	OD
720.0 [m]	DC	OD
730.0 [m]	DC	
740.0 [m]	DC	OD
760.0 [m]	DC	OD
760.0 [m]	DC	
780.0 [m]	DC	OD
790.0 [m]	DC	
800.0 [m]	DC	OD
815.0 [m]	SWC	RRI
820.0 [m]	DC	OD
820.0 [m]	DC	
838.0 [m]	SWC	OD
840.0 [m]	DC	OD
850.0 [m]	DC	
851.0 [m]	SWC	OD
860.0 [m]	DC	OD
880.0 [m]	DC	
880.0 [m]	DC	OD
900.0 [m]	DC	OD
902.0 [m]	SWC	OD
910.0 [m]	DC	
913.0 [m]	SWC	OD
923.0 [m]	SWC	OD
940.0 [m]	DC	OD
940.0 [m]	DC	
942.0 [m]	SWC	OD
950.0 [m]	SWC	OD
960.0 [m]	DC	OD
962.0 [m]	SWC	OD
964.0 [m]	SWC	OD
970.0 [m]	DC	
980.0 [m]	DC	OD
984.5 [m]	SWC	OD
1000.0 [m]	DC	OD
1000.0 [m]	DC	
1011.0 [m]	SWC	OD
1020.0 [m]	DC	OD



1030.0 [m]	DC	
1040.0 [m]	DC	OD
1040.0 [m]	SWC	OD
1050.0 [m]	DC	OD
1056.0 [m]	SWC	RRI
1060.0 [m]	DC	OD
1060.0 [m]	SWC	OD
1060.0 [m]	DC	
1073.0 [m]	SWC	RRI
1080.0 [m]	DC	OD
1090.0 [m]	DC	
1093.0 [m]	SWC	RRI
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1113.0 [m]	SWC	RRI
1120.0 [m]	DC	OD
1120.0 [m]	DC	
1134.0 [m]	SWC	RRI
1140.0 [m]	DC	OD
1150.0 [m]	SWC	OD
1150.0 [m]	DC	
1158.0 [m]	SWC	RRI
1160.0 [m]	DC	OD
1172.0 [m]	SWC	RRI
1180.0 [m]	DC	OD
1180.0 [m]	DC	
1193.0 [m]	SWC	RRI
1200.0 [m]	DC	OD
1210.0 [m]	DC	
1219.0 [m]	SWC	RRI
1220.0 [m]	DC	OD
1240.0 [m]	DC	OD
1240.0 [m]	DC	
1242.0 [m]	SWC	RRI
1249.0 [m]	SWC	OD
1260.0 [m]	DC	OD
1263.0 [m]	SWC	RRI
1270.0 [m]	DC	
1280.0 [m]	DC	OD
1282.0 [m]	SWC	RRI
1300.0 [m]	DC	OD



1300.0 [m]	DC	
1309.0 [m]	SWC	RRI
1320.0 [m]	DC	OD
1326.0 [m]	SWC	RRI
1330.0 [m]	DC	
1340.0 [m]	DC	OD
1351.0 [m]	SWC	OD
1359.0 [m]	SWC	RRI
1360.0 [m]	DC	OD
1360.0 [m]	DC	
1380.0 [m]	DC	OD
1383.0 [m]	SWC	RRI
1390.0 [m]	DC	
1400.0 [m]	DC	OD
1406.0 [m]	SWC	RRI
1420.0 [m]	DC	OD
1420.0 [m]	DC	
1425.0 [m]	SWC	RRI
1440.0 [m]	DC	OD
1446.0 [m]	SWC	RRI
1450.0 [m]	DC	
1460.0 [m]	DC	OD
1460.9 [m]	SWC	OD
1465.0 [m]	SWC	RRI
1480.0 [m]	DC	OD
1480.0 [m]	DC	
1481.9 [m]	SWC	RRI
1500.0 [m]	DC	OD
1501.0 [m]	SWC	RRI
1510.0 [m]	DC	
1520.0 [m]	DC	OD
1529.0 [m]	SWC	RRI
1536.5 [m]	C	OD
1540.0 [m]	DC	OD
1540.0 [m]	DC	
1540.6 [m]	C	OD
1551.0 [m]	SWC	RRI
1560.0 [m]	DC	OD
1570.0 [m]	DC	
1572.0 [m]	SWC	RRI



Faktasider

Brønnbane / Leting

Utskriftstidspunkt: 13.5.2024 - 19:24

1580.0 [m]	DC	OD
1583.0 [m]	SWC	OD
1594.9 [m]	SWC	RRI
1600.0 [m]	DC	OD
1600.0 [m]	DC	
1605.0 [m]	SWC	HYDRO
1617.0 [m]	SWC	HYDRO
1617.0 [m]	SWC	RRI
1620.0 [m]	DC	OD
1630.0 [m]	DC	
1640.0 [m]	DC	OD
1648.0 [m]	SWC	HYDRO
1660.0 [m]	DC	OD
1660.0 [m]	DC	
1661.0 [m]	SWC	OD
1661.1 [m]	C	OD
1670.0 [m]	SWC	HYDRO
1680.0 [m]	DC	OD
1684.5 [m]	SWC	HYDRO
1690.0 [m]	DC	
1696.0 [m]	SWC	HYDRO
1700.0 [m]	DC	OD
1720.0 [m]	DC	OD
1720.0 [m]	DC	
1730.0 [m]	SWC	RRI
1730.0 [m]	SWC	HYDRO
1740.0 [m]	DC	OD
1744.5 [m]	SWC	HYDRO
1750.0 [m]	SWC	RRI
1750.0 [m]	DC	
1755.0 [m]	DC	OD
1755.0 [m]	SWC	OD
1760.0 [m]	SWC	HYDRO
1765.0 [m]	SWC	RRI
1765.0 [m]	DC	OD
1775.0 [m]	DC	OD
1780.0 [m]	DC	
1785.0 [m]	DC	OD
1794.9 [m]	SWC	HYDRO
1795.0 [m]	DC	OD



Faktasider

Brønnbane / Leting

Utskriftstidspunkt: 13.5.2024 - 19:24

1805.0 [m]	DC	OD
1810.0 [m]	DC	
1815.0 [m]	DC	OD
1820.0 [m]	SWC	HYDRO
1824.5 [m]	SWC	HYDRO
1825.0 [m]	DC	OD
1835.0 [m]	DC	OD
1840.0 [m]	DC	
1845.0 [m]	DC	OD
1848.2 [m]	SWC	HYDRO
1852.5 [m]	SWC	OD
1855.0 [m]	DC	OD
1870.0 [m]	DC	
1880.0 [m]	DC	HYDRO
1890.0 [m]	DC	HYDRO
1900.0 [m]	DC	HYDRO
1900.0 [m]	DC	
1920.0 [m]	DC	HYDRO
1930.0 [m]	DC	HYDRO
1930.0 [m]	DC	
1934.0 [m]	SWC	HYDRO
1936.4 [m]	SWC	HYDRO
1937.0 [m]	DC	OD
1940.0 [m]	DC	OD
1940.0 [m]	DC	HYDRO
1942.0 [m]	DC	OD
1945.0 [m]	DC	OD
1960.0 [m]	C	OD
1960.0 [m]	DC	
1960.5 [m]	C	HYDRO
1963.0 [m]	C	HYDRO
1971.3 [m]	C	HYDRO
1979.3 [m]	C	HYDRO
1986.5 [m]	C	HYDRO
1988.4 [m]	C	OD
1990.0 [m]	DC	
2006.0 [m]	C	HYDRO
2009.4 [m]	C	HYDRO
2015.9 [m]	C	HYDRO
2020.0 [m]	DC	



Faktasider

Brønnbane / Leting

Utskriftstidspunkt: 13.5.2024 - 19:24

2025.0	[m]	C	HYDRO
2033.0	[m]	C	OD
2035.0	[m]	C	HYDRO
2035.3	[m]	C	
2035.6	[m]	C	HYDRO
2036.0	[m]	C	
2037.8	[m]	C	HYDRO
2038.6	[m]	C	
2038.7	[m]	C	HYDRO
2039.0	[m]	C	OD
2039.3	[m]	C	
2040.4	[m]	C	HYDRO
2041.5	[m]	C	OD
2047.0	[m]	C	OD
2047.1	[m]	C	HYDRO
2048.5	[m]	C	HYDRO
2048.5	[m]	C	OD
2048.6	[m]	C	OD
2048.9	[m]	C	HYDRO
2049.5	[m]	C	OD
2055.5	[m]	C	HYDRO
2056.0	[m]	C	OD
2056.6	[m]	C	OD
2060.8	[m]	C	HYDRO
2061.0	[m]	C	HYDRO
2061.0	[m]	C	OD
2061.0	[m]	C	
2062.0	[m]	SWC	RRI
2062.1	[m]	C	HYDRO
2062.4	[m]	C	
2063.6	[m]	C	
2063.9	[m]	C	HYDRO
2064.0	[m]	C	OD
2064.5	[m]	C	
2064.6	[m]	C	OD
2064.7	[m]	C	HYDRO
2073.8	[m]	SWC	RRI
2080.0	[m]	SWC	HYDRO
2080.0	[m]	DC	
2110.0	[m]	DC	



Faktasider

Brønnbane / Leting

Utskriftstidspunkt: 13.5.2024 - 19:24

2115.9 [m]	SWC	HYDRO
2118.0 [m]	SWC	HYDRO
2130.8 [m]	C	OD
2134.7 [m]	C	HYDRO
2134.8 [m]	C	
2135.0 [m]	SWC	HYDRO
2140.0 [m]	DC	
2150.8 [m]	C	OD
2152.4 [m]	C	OD
2154.9 [m]	C	HYDRO
2175.0 [m]	DC	
2181.0 [m]	C	OD
2181.0 [m]	SWC	RRI
2191.1 [m]	C	HYDRO
2200.0 [m]	DC	
2216.4 [m]	C	OD
2219.0 [m]	C	OD
2221.0 [m]	C	OD
2221.4 [m]	C	
2223.0 [m]	C	OD
2224.8 [m]	C	OD
2225.0 [m]	C	
2230.0 [m]	DC	
2236.4 [m]	C	HYDRO
2237.0 [m]	C	OD
2238.0 [m]	C	OD
2246.0 [m]	SWC	HYDRO
2246.0 [m]	SWC	RRI
2260.0 [m]	DC	
2290.0 [m]	DC	
2294.0 [m]	SWC	HYDRO
2320.0 [m]	DC	
2350.0 [m]	DC	
2380.0 [m]	DC	
2380.0 [m]	DC	HYDRO
2410.0 [m]	DC	HYDRO
2410.0 [m]	DC	
2422.4 [m]	DC	HYDRO
2430.0 [m]	DC	HYDRO
2440.0 [m]	DC	



Faktasider

Brønnbane / Leting

Utskriftstidspunkt: 13.5.2024 - 19:24

2450.0 [m]	DC	HYDRO
2460.7 [m]	C	OD
2470.0 [m]	DC	HYDRO
2470.0 [m]	DC	
2500.0 [m]	DC	
2637.5 [m]	C	HYDRO
2637.6 [m]	C	OD
2638.0 [m]	C	HYDRO
2640.7 [m]	C	OD
2640.7 [m]	C	HYDRO
2642.2 [m]	C	HYDRO
2643.7 [m]	C	OD
2643.7 [m]	C	RRI
2643.7 [m]	C	HYDRO
2644.0 [m]	C	HYDRO
2645.0 [m]	C	RRI
2645.0 [m]	C	HYDRO
2700.0 [m]	DC	
2800.0 [m]	DC	
2814.5 [m]	C	HYDRO
2814.5 [m]	SWC	RRI
2830.0 [m]	DC	HYDRO
2840.0 [m]	DC	HYDRO
2870.0 [m]	DC	HYDRO
2900.0 [m]	DC	HYDRO
2900.0 [m]	DC	
2920.0 [m]	DC	HYDRO
2930.0 [m]	DC	HYDRO
2940.0 [m]	DC	HYDRO
2950.0 [m]	DC	HYDRO
3000.0 [m]	DC	
3100.0 [m]	DC	
3147.0 [m]	DC	HYDRO
3147.0 [m]	SWC	HYDRO
3147.0 [m]	SWC	RRI
3300.0 [m]	DC	
3330.0 [m]	DC	HYDRO
3360.0 [m]	DC	HYDRO
3400.0 [m]	DC	HYDRO
3400.0 [m]	DC	



3420.0	[m]	DC	HYDRO
3500.0	[m]	DC	

Oljeprøver i Sokkeldirektoratet

Test type	Flaske nummer	Topp dyp MD [m]	Bunn dyp MD [m]	Væske type	Test tidspunkt	Prøver tilgjengelig
DST		0.00	0.00			YES
DST		0.00	0.00		07.08.1986 - 00:00	YES

Litostratigrafi

Topp Dyb [mMD RKB]	Litostrat. enhet
410	NORDLAND GP
476	SOTBAKKEN GP
476	TORSK FM
613	KAPP TOSCANA GP
613	SNADD FM
1933	SASSENDALEN GP
1933	KOBBE FM
1945	GIPSDALEN GP
1945	ØRN FM
2024	FALK FM
2221	UGLE FM
2624	BILLEFJORDEN GP
2624	UNDIFFERENTIATED
3471	BASEMENT

Spleisede logger

Dokument navn	Dokument format	Dokument størrelse [KB]
473	pdf	0.66

Geokjemisk informasjon





Dokument navn	Dokument format	Dokument størrelse [KB]
473_1	pdf	6.97
473_2	pdf	8.22

Dokumenter - eldre Sokkeldirektoratets WDSS rapporter og andre relaterte dokumenter

Dokument navn	Dokument format	Dokument størrelse [KB]
473_01_WDSS_General_Information	pdf	0.33
473_02_WDSS_completion_log	pdf	0.29

Dokumenter - rapportert av utvinningstillatelsen (frigitt ihht til regelverk)

Dokument navn	Dokument format	Dokument størrelse [KB]
473_7120_2_1_COMPLETION_REPORT_AND_LOG	pdf	25.07

Borestrengtester (DST)

Test nummer	Fra dybde MD [m]	Til dybde MD [m]	Reduksjonsventil størrelse [mm]
1.0	2157	2177	50.8
2.0	2120	2140	25.4
3.0	2048	2108	25.4
4.0	1944	2031	25.4

Test nummer	Endelig avstengningstrykk [MPa]	Endelig strømningstrykk [MPa]	Bunnhullstrykk [MPa]	Borehullstemperatur [°C]
1.0		18.060		68
2.0		19.840		69
3.0		20.220		66
4.0				65





Test nummer	Olje produksjon [Sm3/dag]	Gass produksjon [Sm3/dag]	Oljetetthet [g/cm3]	Gasstyngde rel. luft	GOR [m3/m3]
1.0					
2.0					
3.0					
4.0	5		0.839		

Logger

Type logg	Topp dyp for logg [m]	Bunn dyp for logg [m]
CAL GR	601	1051
CBL VDL	484	1850
CET	1105	2497
CST GR	485	1040
CST GR	1859	3484
CST V C	1046	1451
CST Z C	1455	1857
DLL MSFL CAL GR	1846	2251
DLWD	474	2425
ISF LSS GR MSFL SP	474	909
ISF LSS GR SP	909	3500
LDT CNL GR CAL	474	3492
MEST	1942	2490
NGT	1846	3492
RFT GR	620	620
RFT GR	1937	2080
RFT GR	2066	2468
SHDT	747	3502
VSP CHKSHT	500	1850
VSP CHKSHT	2545	3483
WAVSP	1135	1265
ZOVSP	589	2488

Foringsrør og formasjonsstyrketester

Type utforing	Utforing diam. [tommer]	Utforing dybde [m]	Brønnbane diam. [tommer]	Brønnbane dyp [m]	LOT/FIT slam eqv. [g/cm3]	Type formasjonstest
CONDUCTOR	30	473.0	36	475.0	0.00	LOT



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SURF.COND.	20	601.0	26	915.0	0.00	LOT
INTERM.	16	1038.0		1050.0	0.00	LOT
INTERM.	13 3/8	1846.0	17 1/2	1862.0	1.63	LOT
INTERM.	9 5/8	2474.0	12 1/4	2500.0	2.10	LOT
OPEN HOLE		3502.0	8 1/2	3502.0	0.00	LOT

Boreslam

Dybde MD [m]	Egenvekt, slam [g/cm3]	Viskositet, slam [mPa.s]	Flytegrense [Pa]	Type slam	Dato, måling
410	1.14	15.0	7.0	WATER BASED	29.10.1985
410	0.00			0	30.10.1985
410	0.00			0	31.10.1985
475	1.05	12.0	15.0	WATER BASED	13.05.1985
475	1.05	12.0	14.0	WATER BASED	13.05.1985
475	1.05			WATER BASED	09.05.1985
475	1.05	12.0	15.0	WATER BASED	13.05.1985
475	1.05	12.0	14.0	WATER BASED	13.05.1985
616	1.55			WATER BASED	23.05.1985
915	1.10	10.0	24.0	WATER BASED	28.05.1985
915	1.10	12.0	22.0	WATER BASED	14.05.1985
915	1.10	12.0	20.0	WATER BASED	15.05.1985
915	1.10	12.0	20.0	WATER BASED	21.05.1985
915	1.12	7.0	20.0	WATER BASED	21.05.1985
915	1.12	10.0	24.0	WATER BASED	21.05.1985
915	1.10	11.0	20.0	WATER BASED	21.05.1985
915	1.10	9.0	21.0	WATER BASED	21.05.1985
915	1.11	8.0	22.0	WATER BASED	22.05.1985
915	1.12	10.0	19.0	WATER BASED	21.05.1985
915	1.10	12.0	20.0	WATER BASED	15.05.1985
915	1.10	12.0	20.0	WATER BASED	21.05.1985
915	1.12	7.0	20.0	WATER BASED	21.05.1985
915	1.12	10.0	19.0	WATER BASED	21.05.1985
915	1.10	11.0	20.0	WATER BASED	21.05.1985
915	1.10	9.0	21.0	WATER BASED	21.05.1985
915	1.11	8.0	22.0	WATER BASED	22.05.1985
915	1.10	10.0	24.0	WATER BASED	28.05.1985
915	1.12	10.0	24.0	WATER BASED	21.05.1985
960	1.10	8.0	29.0	WATER BASED	28.05.1985



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1025	1.11	7.0	29.0	WATER BASED	06.06.1985
1025	1.11	7.0	30.0	WATER BASED	06.06.1985
1025	1.11	7.0	29.0	WATER BASED	06.06.1985
1025	1.11	7.0	30.0	WATER BASED	06.06.1985
1025	1.12	6.0	15.0	WATER BASED	11.06.1985
1025	1.11	7.0	29.0	WATER BASED	04.06.1985
1025	1.12	6.0	15.0	WATER BASED	11.06.1985
1050	1.11	8.0	26.0	WATER BASED	28.05.1985
1050	1.12	7.0	17.0	WATER BASED	29.05.1985
1050	1.12	6.0	17.0	WATER BASED	31.05.1985
1050	1.12	6.0	22.0	WATER BASED	31.05.1985
1050	1.12	7.0	24.0	WATER BASED	03.06.1985
1050	1.11	7.0	22.0	WATER BASED	03.06.1985
1050	1.11	9.0	25.0	WATER BASED	28.05.1985
1050	1.11	8.0	26.0	WATER BASED	28.05.1985
1050	1.12	7.0	17.0	WATER BASED	29.05.1985
1050	1.12	6.0	17.0	WATER BASED	31.05.1985
1050	1.12	6.0	22.0	WATER BASED	31.05.1985
1050	1.12	7.0	24.0	WATER BASED	03.06.1985
1050	1.11	7.0	22.0	WATER BASED	03.06.1985
1051	1.11	7.0	29.0	WATER BASED	03.06.1985
1054	1.12	11.0	7.0	WATER BASED	11.06.1985
1130	1.14	11.0	11.0	WATER BASED	10.07.1985
1162	1.14	13.0	12.0	WATER BASED	10.07.1985
1179	1.14	11.0	7.0	WATER BASED	11.06.1985
1312	1.14	15.0	15.0	WATER BASED	11.06.1985
1481	1.15	17.0	12.0	WATER BASED	11.06.1985
1606	1.14	17.0	14.0	WATER BASED	17.06.1985
1687	1.14	17.0	13.0	WATER BASED	17.06.1985
1687	1.14	17.0	15.0	WATER BASED	16.06.1985
1687	0.00			WATER BASED	16.06.1985
1687	1.14	14.0	12.0	WATER BASED	01.07.1985
1687	1.14	18.0	6.0	WATER BASED	01.07.1985
1687	1.14	9.0	9.0	WATER BASED	02.07.1985
1687	1.14	17.0	9.0	WATER BASED	01.07.1985
1687	1.14	17.0	15.0	WATER BASED	16.06.1985
1687	1.14	14.0	12.0	WATER BASED	01.07.1985
1687	1.14	17.0	9.0	WATER BASED	01.07.1985
1687	1.14	9.0	9.0	WATER BASED	02.07.1985
1687	1.14	18.0	6.0	WATER BASED	01.07.1985



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1794	1.14	14.0	12.0	WATER BASED	03.07.1985
1862	1.14	12.0	11.0	WATER BASED	10.07.1985
1862	1.14	12.0	13.0	WATER BASED	10.07.1985
1862	1.14	13.0	12.0	WATER BASED	14.07.1985
1862	1.14	12.0	11.0	WATER BASED	14.07.1985
1862	1.14	13.0	10.0	WATER BASED	14.07.1985
1862	1.14	13.0	12.0	WATER BASED	14.07.1985
1862	1.14	13.0	11.0	WATER BASED	10.07.1985
1862	1.14	12.0	11.0	WATER BASED	10.07.1985
1862	1.14	12.0	13.0	WATER BASED	10.07.1985
1862	1.14	12.0	11.0	WATER BASED	14.07.1985
1862	1.14	13.0	10.0	WATER BASED	14.07.1985
1862	1.14	14.0	11.0	WATER BASED	04.07.1985
1862	1.14	13.0	11.0	WATER BASED	10.07.1985
1863	1.14	13.0	11.0	WATER BASED	15.07.1985
1866	1.18	15.0	11.0	WATER BASED	16.07.1985
1869	1.18	18.0	14.0	WATER BASED	17.07.1985
1879	1.18	13.0	11.0	WATER BASED	20.07.1985
1960	1.18	16.0	13.0	WATER BASED	20.07.1985
1988	1.18	15.0	10.0	WATER BASED	20.07.1985
2004	1.18	15.0	11.0	WATER BASED	20.07.1985
2008	1.15	16.0	12.0	WATER BASED	25.07.1985
2024	1.15	14.0	10.0	WATER BASED	25.07.1985
2030	1.14	16.0	14.0	WATER BASED	16.10.1985
2030	1.14	12.0	12.0	WATER BASED	17.10.1985
2030	1.14	15.0	13.0	WATER BASED	21.10.1985
2030	1.14	17.0	12.0	WATER BASED	22.10.1985
2030	1.14	15.0	8.0	WATER BASED	25.10.1985
2030	1.14	15.0	13.0	WATER BASED	18.10.1985
2030	1.14	17.0	11.0	WATER BASED	22.10.1985
2030	1.14	13.0	7.0	WATER BASED	20.10.1985
2030	1.14	17.0	15.0	WATER BASED	24.10.1985
2030	1.14	16.0	8.0	WATER BASED	23.10.1985
2040	1.14	13.0	10.0	WATER BASED	26.07.1985
2044	1.14	15.0	15.0	WATER BASED	15.10.1985
2047	1.14	13.0	9.0	WATER BASED	26.07.1985
2061	1.14	17.0	9.0	WATER BASED	30.07.1985
2072	1.14	14.0	10.0	WATER BASED	30.07.1985
2100	1.14	16.0	9.0	WATER BASED	30.07.1985
2100	1.14	17.0	9.0	WATER BASED	31.07.1985



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2100	1.14	17.0	14.0	WATER BASED	31.07.1985
2100	1.14	17.0	9.0	WATER BASED	31.07.1985
2100	1.14	17.0	14.0	WATER BASED	31.07.1985
2102	1.14	18.0	16.0	WATER BASED	06.08.1985
2102	1.14	18.0	16.0	WATER BASED	06.08.1985
2102	1.14	18.0	16.0	WATER BASED	02.08.1985
2103	1.14	18.0	16.0	WATER BASED	06.08.1985
2108	1.15	18.0	12.0	WATER BASED	06.08.1985
2127	1.14	17.0	16.0	WATER BASED	08.08.1985
2133	1.14	19.0	14.0	WATER BASED	08.08.1985
2152	1.14	19.0	12.0	WATER BASED	09.08.1985
2170	1.14	19.0	12.0	WATER BASED	13.08.1985
2183	1.14	13.0	16.0	WATER BASED	13.08.1985
2202	1.14	19.0	13.0	WATER BASED	13.08.1985
2225	1.14	20.0	11.0	WATER BASED	13.08.1985
2278	1.14	19.0	10.0	WATER BASED	19.08.1985
2359	1.14	19.0	11.0	WATER BASED	19.08.1985
2385	1.14	18.0	8.0	WATER BASED	27.09.1985
2385	1.14	14.0	5.0	WATER BASED	03.10.1985
2385	1.14	14.0	10.0	WATER BASED	03.10.1985
2385	1.14	12.0	10.0	WATER BASED	03.10.1985
2385	1.14	11.0	10.0	WATER BASED	03.10.1985
2385	1.14	9.0	8.0	WATER BASED	07.10.1985
2385	1.14	7.0	8.0	WATER BASED	07.10.1985
2385	1.14	16.0	13.0	WATER BASED	09.10.1985
2385	1.14	14.0	13.0	WATER BASED	09.10.1985
2385	1.14	12.0	10.0	WATER BASED	10.10.1985
2385	1.14	10.0	8.0	WATER BASED	15.10.1985
2385	1.14	13.0	12.0	WATER BASED	15.10.1985
2385	1.14	10.0	9.0	WATER BASED	03.10.1985
2385	1.14	9.0	8.0	WATER BASED	03.10.1985
2385	1.14	8.0	8.0	WATER BASED	07.10.1985
2422	1.14	19.0	12.0	WATER BASED	21.08.1985
2439	1.14	20.0	12.0	WATER BASED	21.08.1985
2500	1.14	16.0	12.0	WATER BASED	21.08.1985
2500	1.14	18.0	14.0	WATER BASED	23.08.1985
2500	1.14	21.0	14.0	WATER BASED	27.08.1985
2500	1.14	15.0	11.0	WATER BASED	27.08.1985
2500	1.14	19.0	16.0	WATER BASED	27.08.1985
2500	1.14	19.0	12.0	WATER BASED	21.08.1985



2500	1.14	29.0	15.0	WATER BASED	21.08.1985
2500	1.14	20.0	13.0	WATER BASED	22.08.1985
2527	1.14	19.0	11.0	WATER BASED	29.08.1985
2527	1.14	18.0	13.0	WATER BASED	29.08.1985
2585	1.16	21.0	12.0	WATER BASED	30.08.1985
2637	1.16	20.0	13.0	WATER BASED	03.09.1985
2648	1.16	22.0	13.0	WATER BASED	03.09.1985
2690	1.16	18.0	13.0	WATER BASED	03.09.1985
2743	1.16	18.0	11.0	WATER BASED	03.09.1985
2816	1.14	18.0	11.0	WATER BASED	05.09.1985
2855	1.14	18.0	11.0	WATER BASED	06.09.1985
2929	1.14	18.0	10.0	WATER BASED	06.09.1985
2979	1.14	19.0	10.0	WATER BASED	09.09.1985
3049	1.14	13.0	12.0	WATER BASED	09.09.1985
3138	1.14	18.0	11.0	WATER BASED	09.09.1985
3195	1.14	17.0	10.0	WATER BASED	11.09.1985
3294	1.14	16.0	10.0	WATER BASED	12.09.1985
3346	1.14	15.0	9.0	WATER BASED	12.09.1985
3412	1.14	14.0	9.0	WATER BASED	13.09.1985
3448	1.14	17.0	9.0	WATER BASED	16.09.1985
3471	1.14	18.0	8.0	WATER BASED	16.09.1985
3481	1.14	12.0	13.0	WATER BASED	16.09.1985
3502	1.14	17.0	8.0	WATER BASED	24.09.1985
3502	1.14	18.0	4.0	WATER BASED	24.09.1985
3502	1.14	19.0	9.0	WATER BASED	24.09.1985
3502	1.14	18.0	9.0	WATER BASED	25.09.1985
3502	1.14	16.0	8.0	WATER BASED	24.09.1985
3502	1.14	18.0	8.0	WATER BASED	24.09.1985
3502	1.14	18.0	8.0	WATER BASED	25.09.1985

Tynnslip i Søkeldirektoratet

Dybde	Enhet
1961.00	[m]
1961.30	[m]
1964.10	[m]
1965.05	[m]
1967.20	[m]
1992.50	[m]
1998.90	[m]



2008.70	[m]
2020.15	[m]
1960.50	[m]
2221.90	[m]
2158.70	[m]
2173.35	[m]
2171.50	[m]
2147.50	[m]
2137.70	[m]
2048.35	[m]
2028.70	[m]
2027.15	[m]
2025.75	[m]
2017.70	[m]
2015.75	[m]
2010.90	[m]
2009.30	[m]
2008.90	[m]
2000.05	[m]
1997.80	[m]
1996.30	[m]
1993.95	[m]
1990.40	[m]
1987.40	[m]
1986.65	[m]
1983.45	[m]
1981.50	[m]
1979.60	[m]
1978.70	[m]
1976.78	[m]
1974.50	[m]
1973.40	[m]
1971.90	[m]
1970.20	[m]
1969.70	[m]
1969.35	[m]
1968.50	[m]
1967.70	[m]
1967.50	[m]
1965.95	[m]



1965.60	[m]
1964.40	[m]
1963.80	[m]
1963.65	[m]
1963.45	[m]
1962.90	[m]
1961.40	[m]
2223.60	[m]
2047.00	[m]
2048.00	[m]
2049.00	[m]
2050.00	[m]
2050.00	[m]
2058.00	[m]
2059.00	[m]
2068.00	[m]
2069.00	[m]
2074.00	[m]
2076.00	[m]
2105.00	[m]
2128.00	[m]
2132.00	[m]
2141.00	[m]
2147.00	[m]
2150.00	[m]
2161.00	[m]
2162.00	[m]
2173.00	[m]
2212.00	[m]

Trykkplott

Porertrykksdataene kommer fra logging i brønnen hvis ingen annen kilde er oppgitt. I noen brønner der trykk ikke er logget, er det brukt informasjon fra formasjonstester eller brønnspark. Trykkdataene er rapportert inn til Oljedirektoratet og videre prosessert og kvalitetssikret av IHS Markit.

Dokument navn	Dokument format	Dokument størrelse [KB]
473 Formation pressure (Formasjonstrykk)	PDF	0.27

