

sperry-sun internat

Denne rapport
tilhører

STATOIL

L&U DOK. SENTER

L. NR. 302 84120004

KODE Well 31/2-5 nr 24

Returneres etter bruk

Pressure Survey Report

For

NORSKE SHELL A/S

WELL NO: 31/2-5

DATE : 29 JUNE 1981

TEST NO: 1 RUN NO. 1



(A Sperry-Sun Company)

Precision Instruments / Professional Service

SPERRY-SUN INTERNATIONAL INC.
MAGNETIC RECORDING PRESSURE GAUGE REPORT

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NORSKE SHELL A/S
WILDCAT
31/2-5

OFFSHORE NORWAY
29 JUNE 1981
MRPG-903-NOR

TEST 1, RUN 1. GAUGE 0149, SENSING DEPTH 1573.70 M

DELTA TIME	PRESSURE	TIME	DATE	
0.000	2279.090	5: 1	29- 6-81	SEATED IN NIPPLE AT 04:55
0.133	2279.338	5: 9		
0.267	2279.338	5:17		
0.400	2279.833	5:25		
0.533	2279.833	5:33		
0.667	2279.833	5:41		
0.800	2280.327	5:49		
0.933	2277.605	5:57		WELL OPEN TO FLOW

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TEST 1, RUN 1. GAUGE 0149, SENSING DEPTH 1573.70 M

DELTA TIME	PRESSURE	TIME	DATE	
0.000	2277.605	5:57	29- 6-81	WELL OPEN TO FLOW
0.133	2207.815	6: 5		ON 28/64" FIXED CHOKE AT 06:01
0.267	2180.591	6:13		
0.400	2192.718	6:21		FLOW THROUGH SEPARATOR
0.533	2210.537	6:29		
0.667	2210.290	6:37		
0.800	2209.300	6:45		
1.067	2210.784	7: 1		
1.200	2213.507	7: 9		
1.333	2213.754	7:17		
1.467	2213.507	7:25		
1.600	2213.754	7:33		
1.733	2216.724	7:41		
1.867	2217.219	7:49		
2.000	2220.684	7:57		
2.133	2167.475	8: 5		CHANGE SAND FILTERS
2.267	2167.970	8:13		
2.400	2164.505	8:21		
2.533	2166.237	8:29		
2.667	2173.909	8:37		
2.800	2184.056	8:45		
2.933	2191.233	8:53		
3.067	2156.091	9: 1		BYPASS SAND FILTERS
3.200	2157.328	9: 9		
3.333	2155.348	9:17		
3.467	2153.616	9:25		
3.600	2154.606	9:33		
3.867	2093.230	9:49		CHANGE TO 48/64" FIXED CHOKE
4.133	1976.170	10: 5		AT 09:48
4.267	1973.200	10:13		
4.400	1968.498	10:21		
4.533	2048.187	10:29		CHANGE TO 44/64" ADJ CHOKE
4.667	2043.733	10:37		CHANGE TO 40/64" FIXED CHOKE
4.800	2038.041	10:45		AT 10:33
4.933	2035.318	10:53		
5.067	2034.328	11: 1		
5.200	2032.349	11: 9		
5.333	2031.359	11:17		
5.467	2030.616	11:25		
5.600	2029.626	11:33		
5.733	2029.874	11:41		
5.867	2028.141	11:49		
6.000	2028.141	11:57		
6.133	2027.646	12: 5		
6.267	2027.151	12:13		
6.400	2026.409	12:21		

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TEST 1, RUN 1. GAUGE 0149, SENSING DEPTH 1573.70 M

DELTA TIME	PRESSURE	TIME	DATE
6.533	2026.409	12:29	29- 6-81
6.667	1886.085	12:37	
6.800	1842.528	12:45	CHANGE TO 40/64" ADJ CHOKE
6.933	1839.064	12:53	CHANGE TO 64/64" FIXED CHOKE
7.067	1836.836	13: 1	AT 12:34
7.200	1837.826	13: 9	
7.333	1835.599	13:17	
7.467	1834.609	13:25	
7.600	1856.140	13:33	FLOW THROUGH THORNTON MANIFOLD
7.733	1852.923	13:41	
7.867	1851.933	13:49	
8.000	1852.428	13:57	
8.133	1853.170	14: 5	
8.267	1851.190	14:13	
8.400	1852.675	14:21	
8.533	1851.190	14:29	
8.667	1849.458	14:37	
9.067	1852.923	15: 1	
9.200	1851.933	15: 9	
9.333	1852.923	15:17	
9.467	1852.923	15:25	
9.600	1854.655	15:33	
9.733	1851.933	15:41	
9.867	1851.438	15:49	
10.000	1849.953	15:57	
10.133	1849.953	16: 5	
10.267	1848.963	16:13	
10.400	1850.200	16:21	
10.533	1850.200	16:29	
10.667	1848.963	16:37	
10.800	1850.448	16:45	
10.933	1851.438	16:53	
11.067	1850.200	17: 1	
11.200	1849.705	17: 9	
11.333	1851.438	17:17	
11.467	1850.200	17:25	
11.600	1849.953	17:33	
11.733	1848.468	17:41	
11.867	1848.468	17:49	
12.000	1846.736	17:57	
12.133	1846.736	18: 5	
12.267	1847.230	18:13	
12.400	1846.736	18:21	
12.533	1848.468	18:29	
12.667	1846.488	18:37	
12.933	1845.498	18:53	
13.067	1845.498	19: 1	

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TEST 1, RUN 1. GAUGE 0149, SENSING DEPTH 1573.70 M

DELTA TIME	PRESSURE	TIME	DATE
13.200	1845.003	19: 9	29- 6-81
13.333	1846.736	19:17	
13.467	1846.241	19:25	
13.600	1846.983	19:33	
13.733	1846.241	19:41	
13.867	1847.478	19:49	
14.000	1847.478	19:57	
14.133	1845.993	20: 5	
14.267	1847.725	20:13	
14.400	1845.993	20:21	
14.533	1847.973	20:29	
14.667	1847.478	20:37	
14.800	1847.230	20:45	
15.067	1844.508	21: 1	
15.200	1846.736	21: 9	
15.333	1846.736	21:17	
15.467	1847.725	21:25	
15.600	1848.220	21:33	
15.733	1848.468	21:41	
15.867	1846.736	21:49	
16.000	1846.983	21:57	
16.133	1847.725	22: 5	
16.267	1847.478	22:13	
16.400	1846.241	22:21	
16.533	1845.498	22:29	
16.667	1847.230	22:37	
16.800	1846.983	22:45	
16.933	1846.241	22:53	
17.067	1845.498	23: 1	
17.200	1844.508	23: 9	
17.333	1844.756	23:17	
17.467	1846.241	23:25	
17.600	1846.241	23:33	
17.867	1845.746	23:49	
18.000	1849.458	23:57	
18.133	1848.468	0: 5	30- 6-81
18.267	1848.468	0:13	
18.400	1848.468	0:21	
18.533	1846.488	0:29	
18.667	1847.478	0:37	
18.800	1848.220	0:45	
18.933	1846.488	0:53	
19.067	1848.220	1: 1	
19.333	1849.705	1:17	
19.467	1847.725	1:25	
19.600	1846.983	1:33	
19.733	1849.458	1:41	

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TEST 1; RUN 1. GAUGE 0149; SENSING DEPTH 1573.70 M

DELTA TIME	PRESSURE	TIME	DATE
19.867	1848.220	1:49	30- 6-81
20.000	1847.973	1:57	
20.133	1847.973	2: 5	
20.267	1847.230	2:13	
20.400	1846.241	2:21	
20.533	1847.230	2:29	
20.667	1847.230	2:37	
20.800	1849.210	2:45	
20.933	1845.003	2:53	
21.200	1847.725	3: 9	
21.333	1845.993	3:17	
21.467	1847.478	3:25	
21.600	1847.973	3:33	
21.733	1847.478	3:41	
21.867	1847.725	3:49	
22.000	1846.736	3:57	
22.133	1848.220	4: 5	
22.267	1850.200	4:13	
22.400	1847.230	4:21	
22.533	1851.190	4:29	
22.667	1847.230	4:37	
22.800	1846.241	4:45	
22.933	1846.983	4:53	
23.067	1849.953	5: 1	
23.200	1848.963	5: 9	
23.333	1848.468	5:17	
23.467	1846.983	5:25	
23.600	1849.705	5:33	
23.867	1847.973	5:49	
24.000	1849.705	5:57	
24.133	1850.200	6: 5	
24.267	1848.715	6:13	
24.400	1850.695	6:21	
24.533	1850.448	6:29	
24.667	1850.943	6:37	
24.800	1850.448	6:45	
24.933	1848.468	6:53	
25.067	1847.230	7: 1	
25.200	1847.725	7: 9	
25.333	1847.478	7:17	
25.467	1846.241	7:25	
25.600	1848.468	7:33	
25.733	1846.736	7:41	
25.867	1845.251	7:49	
26.000	1847.230	7:57	
26.133	1846.736	8: 5	
26.267	1847.725	8:13	

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DELTA TIME	PRESSURE	TIME	DATE
26.400	1848.220	8:21	30- 6-81
26.533	1847.230	8:29	
26.667	1848.220	8:37	
26.800	1846.241	8:45	
26.933	1847.230	8:53	
27.067	1848.468	9: 1	
27.200	1848.715	9: 9	
27.333	1846.241	9:17	
27.467	1848.220	9:25	
27.600	1846.736	9:33	
27.867	1847.725	9:49	
28.000	1849.458	9:57	
28.133	1847.725	10: 5	
28.267	1848.220	10:13	
28.400	1845.498	10:21	
28.533	1848.220	10:29	
28.667	1849.705	10:37	
28.800	1847.725	10:45	
28.933	1847.973	10:53	
29.067	1849.458	11: 1	
29.200	1848.220	11: 9	
29.333	1846.983	11:17	
29.467	1847.230	11:25	
29.600	1847.230	11:33	
29.733	1848.468	11:41	
29.867	1847.725	11:49	
30.000	1847.973	11:57	
30.133	1848.220	12: 5	
30.267	1847.478	12:13	
30.400	1848.963	12:21	
30.533	1848.715	12:29	
30.667	1846.488	12:37	
30.800	1845.003	12:45	
30.933	1845.498	12:53	
31.067	1845.003	13: 1	
31.200	1845.993	13: 9	
31.333	1846.983	13:17	
31.467	1845.746	13:25	
31.600	1848.715	13:33	
31.733	1846.488	13:41	
31.867	1845.498	13:49	
32.000	1845.746	13:57	
32.133	1846.736	14: 5	
32.267	1845.498	14:13	
32.400	1847.478	14:21	
32.533	1846.241	14:29	
32.667	1845.251	14:37	

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TEST 1, RUN 1. GAUGE 0149, SENSING DEPTH 1573.70 M

DELTA TIME	PRESSURE	TIME	DATE
32.800	1844.261	14:45	30- 6-81
32.933	1845.251	14:53	
33.067	1845.251	15: 1	
33.200	1845.993	15: 9	
33.333	1847.478	15:17	
33.467	1845.003	15:25	
33.600	1846.488	15:33	
33.733	1846.983	15:41	
33.867	1846.241	15:49	
34.000	1847.230	15:57	
34.133	1844.261	16: 5	
34.267	1845.993	16:13	
34.400	1846.983	16:21	
34.533	1846.241	16:29	
34.667	1845.498	16:37	
34.800	1844.013	16:45	
34.933	1846.736	16:53	
35.067	1845.993	17: 1	
35.200	1847.478	17: 9	
35.333	1850.200	17:17	
35.467	1849.458	17:25	
35.600	1849.953	17:33	
35.733	1850.695	17:41	
35.867	1851.933	17:49	
36.000	1852.180	17:57	
36.133	1852.923	18: 5	
36.267	1851.438	18:13	
36.400	1853.170	18:21	
36.533	1853.170	18:29	
36.667	1854.160	18:37	
36.800	1855.397	18:45	
36.933	1854.655	18:53	
37.067	1854.655	19: 1	
37.200	1856.387	19: 9	
37.333	1855.150	19:17	
37.467	1856.387	19:25	
37.600	1854.902	19:33	
37.733	1856.140	19:41	
37.867	1856.882	19:49	
38.000	1857.625	19:57	
38.133	1857.377	20: 5	
38.267	1857.872	20:13	
38.400	1856.882	20:21	
38.533	1858.120	20:29	
38.667	1858.120	20:37	
38.800	1858.862	20:45	
38.933	1858.120	20:53	

FLOW THROUGH SAND FILTERS

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TEST 1, RUN 1. GAUGE 0149, SENSING DEPTH 1573.70 M

DELTA TIME	PRESSURE	TIME	DATE
39.067	1858.615	21: 1	30- 6-81
39.200	1860.842	21: 9	
39.333	1860.842	21:17	
39.467	1859.110	21:25	
39.600	1860.595	21:33	
39.733	1861.090	21:41	
39.867	1861.337	21:49	
40.000	1861.832	21:57	
40.133	1860.842	22: 5	
40.267	1861.090	22:13	
40.400	1862.822	22:21	
40.533	1861.832	22:29	
40.667	1861.585	22:37	
40.800	1862.822	22:45	
40.933	1863.317	22:53	
41.067	1864.554	23: 1	
41.200	1862.822	23: 9	
41.333	1863.564	23:17	
41.467	1863.812	23:25	
41.600	1862.574	23:33	
41.733	1863.812	23:41	
41.867	1838.569	23:49	BYPASS THORNTON MANIFOLD
42.000	1841.538	23:57	
42.133	1836.836	0: 5	1- 7-81
42.267	1841.786	0:13	
42.400	1839.311	0:21	
42.533	1840.796	0:29	
42.667	1973.447	0:37	
42.800	2022.449	0:45	
42.933	1866.039	0:53	
43.200	1866.039	1: 9	
43.333	1866.039	1:17	
43.467	1865.544	1:25	
43.600	1864.059	1:33	
43.733	1863.564	1:41	
43.867	1865.049	1:49	
44.000	1865.544	1:57	
44.133	1864.554	2: 5	
44.267	1863.812	2:13	
44.400	1863.812	2:21	
44.533	1864.554	2:29	
44.667	1861.585	2:37	
44.800	1861.337	2:45	
44.933	1861.585	2:53	
45.067	1863.069	3: 1	
45.200	1862.822	3: 9	
45.333	1865.049	3:17	

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TEST 1, RUN 1. GAUGE 0149, SENSING DEPTH 1573.70 M

DELTA TIME	PRESSURE	TIME	DATE
45.467	1865.544	3:25	1- 7-81
45.600	1864.059	3:33	
45.733	1863.564	3:41	
45.867	1866.039	3:49	
46.000	1862.822	3:57	
46.133	1865.544	4: 5	
46.267	1865.297	4:13	
46.400	1866.287	4:21	
46.533	1864.554	4:29	
46.667	1865.049	4:37	
46.800	1867.029	4:45	
46.933	1866.039	4:53	
47.067	1866.039	5: 1	
47.200	1866.782	5: 9	
47.333	1866.039	5:17	
47.467	1867.029	5:25	
47.600	1854.408	5:33	
47.733	1834.114	5:41	BYPASS SAND FILTER
47.867	1835.104	5:49	
48.000	1836.836	5:57	
48.133	1836.094	6: 5	
48.267	1833.866	6:13	FLOW THROUGH SAND FILTER
48.400	1835.599	6:21	
48.533	1839.311	6:29	
48.667	1840.301	6:37	
48.800	1841.291	6:45	
48.933	1840.301	6:53	
49.067	1839.064	7: 1	
49.200	1838.816	7: 9	
49.333	1837.826	7:17	
49.467	1839.558	7:25	
49.600	1839.558	7:33	
49.733	1838.569	7:41	
49.867	1839.064	7:49	
50.000	1852.675	7:57	FLOW THROUGH THORNTON MANIFOLD
50.133	1857.625	8: 5	
50.267	1856.140	8:13	
50.400	1856.635	8:21	
50.533	1856.387	8:29	
50.667	1855.150	8:37	
50.800	1855.645	8:45	
50.933	1854.902	8:53	
51.067	1854.655	9: 1	
51.200	1855.645	9: 9	
51.333	1853.665	9:17	
51.467	1854.655	9:25	
51.600	1854.902	9:33	

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TEST 1, RUN 1. GAUGE 0149, SENSING DEPTH 1573.70 M

DELTA TIME	PRESSURE	TIME	DATE
51.733	1854.408	9:41	1- 7-81
51.867	1854.160	9:49	
52.000	1854.408	9:57	
52.133	1854.160	10: 5	
52.267	1853.418	10:13	
52.400	1851.933	10:21	
52.533	1853.665	10:29	
52.667	1853.665	10:37	
52.800	1855.150	10:45	
52.933	1853.665	10:53	
53.067	1854.408	11: 1	
53.200	1852.923	11: 9	
53.333	1854.655	11:17	
53.467	1856.140	11:25	
53.600	1854.160	11:33	
53.733	1855.150	11:41	
53.867	1854.160	11:49	
54.000	1855.397	11:57	
54.133	1854.160	12: 5	
54.267	1853.913	12:13	
54.400	1854.655	12:21	
54.533	1854.408	12:29	
54.667	1854.408	12:37	
54.800	1854.408	12:45	
54.933	1853.665	12:53	
55.067	1855.150	13: 1	
55.200	1854.902	13: 9	
55.333	1854.902	13:17	
55.467	1855.645	13:25	
55.600	1855.645	13:33	
55.733	1854.902	13:41	
55.867	1854.902	13:49	
56.000	1853.665	13:57	
56.133	1855.150	14: 5	
56.267	1856.882	14:13	
56.533	1855.397	14:29	
56.667	1855.892	14:37	
56.800	1855.645	14:45	
56.933	1855.645	14:53	
57.067	1854.902	15: 1	
57.200	1856.387	15: 9	
57.333	1855.645	15:17	
57.467	1856.140	15:25	
57.600	1856.140	15:33	
57.733	1856.140	15:41	
57.867	1856.635	15:49	
58.000	1855.892	15:57	

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TEST 1, RUN 1. GAUGE 0149, SENSING DEPTH 1573.70 M

DELTA TIME	PRESSURE	TIME	DATE
58.133	1856.635	16: 5	1- 7-81
58.267	1856.635	16:13	
58.400	1856.140	16:21	
58.533	1856.387	16:29	
58.667	1856.635	16:37	
58.800	1858.367	16:45	
58.933	1859.110	16:53	
59.067	1859.605	17: 1	
59.200	1858.615	17: 9	
59.333	1858.615	17:17	
59.467	1859.110	17:25	
59.600	1859.605	17:33	
59.733	1860.100	17:41	
59.867	1860.347	17:49	
60.000	1859.357	17:57	
60.133	1860.595	18: 5	
60.267	1860.100	18:13	
60.400	1860.100	18:21	
60.533	1860.100	18:29	
60.667	1860.347	18:37	
60.800	1859.852	18:45	
60.933	1861.090	18:53	
61.067	1861.090	19: 1	
61.200	1860.595	19: 9	
61.333	1861.585	19:17	
61.467	1861.337	19:25	
61.600	1861.090	19:33	
61.733	1861.090	19:41	
61.867	1860.842	19:49	
62.000	1861.585	19:57	
62.133	1861.337	20: 5	
62.267	1862.327	20:13	
62.400	1862.822	20:21	
62.533	1862.822	20:29	
62.667	1862.574	20:37	
62.800	1863.564	20:45	
62.933	1862.822	20:53	
63.067	1863.069	21: 1	
63.200	1862.574	21: 9	
63.333	1863.317	21:17	
63.467	1863.317	21:25	
63.600	1863.564	21:33	
63.733	1863.564	21:41	
63.867	1863.317	21:49	
64.000	1863.069	21:57	
64.133	1863.069	22: 5	
64.267	1863.564	22:13	

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DELTA TIME	PRESSURE	TIME	DATE
64.400	1863.812	22:21	1- 7-81
64.533	1864.307	22:29	
64.667	1864.554	22:37	
64.800	1865.792	22:45	
64.933	1865.049	22:53	
65.067	1865.792	23: 1	
65.200	1865.297	23: 9	
65.333	1865.544	23:17	
65.600	1866.039	23:33	
65.733	1866.287	23:41	
65.867	1867.029	23:49	
66.000	1866.039	23:57	
66.133	1867.524	0: 5	2- 7-81
66.267	1867.524	0:13	
66.400	1867.029	0:21	
66.533	1867.772	0:29	
66.667	1867.772	0:37	
66.800	1867.524	0:45	
66.933	1869.257	0:53	
67.067	1868.762	1: 1	
67.200	1865.544	1: 9	
67.333	1864.554	1:17	
67.467	1865.544	1:25	
67.600	1866.039	1:33	
67.733	1866.039	1:41	
67.867	1865.544	1:49	
68.000	1865.792	1:57	
68.133	1865.544	2: 5	
68.267	1867.277	2:13	
68.400	1866.534	2:21	
68.533	1867.277	2:29	
68.667	1866.534	2:37	
68.800	1867.277	2:45	
68.933	1867.029	2:53	
69.067	1868.514	3: 1	
69.200	1868.019	3: 9	
69.333	1868.762	3:17	
69.467	1869.009	3:25	
69.600	1868.514	3:33	
69.733	1868.762	3:41	
69.867	1868.762	3:49	
70.000	1870.494	3:57	
70.133	1870.246	4: 5	
70.267	1869.752	4:13	
70.400	1869.999	4:21	
70.533	1869.999	4:29	
70.667	1869.999	4:37	

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TEST 1, RUN 1. GAUGE 0149, SENSING DEPTH 1573.70 M

DELTA TIME	PRESSURE	TIME	DATE
70.800	1869.999	4:45	2- 7-81
70.933	1869.999	4:53	
71.067	1870.741	5: 1	
71.200	1871.484	5: 9	
71.333	1872.969	5:17	
71.467	1871.484	5:25	
71.600	1871.484	5:33	
71.733	1871.731	5:41	
71.867	1873.711	5:49	
72.000	1873.464	5:57	
72.133	1873.959	6: 5	
72.267	1874.454	6:13	
72.400	1905.637	6:21	SWITCH TO SEPARATOR 2
72.533	1887.818	6:29	
72.667	1881.136	6:37	
72.800	1878.166	6:45	
72.933	1875.939	6:53	
73.067	1878.661	7: 1	
73.200	1881.383	7: 9	
73.333	1880.393	7:17	
73.467	1879.651	7:25	
73.600	1880.146	7:33	
73.733	1886.828	7:41	
73.867	1851.685	7:49	SWITCH TO SEPARATOR 1
74.000	1847.725	7:57	
74.133	1847.230	8: 5	
74.267	1849.953	8:13	
74.400	1849.705	8:21	
74.533	1850.200	8:29	
74.667	1849.458	8:37	
74.800	1849.953	8:45	
74.933	1850.200	8:53	
75.067	1850.943	9: 1	
75.200	1850.695	9: 9	
75.333	1850.448	9:17	
75.467	1848.963	9:25	
75.600	1850.448	9:33	
75.733	1851.438	9:41	
75.867	1850.448	9:49	
76.000	1850.448	9:57	
76.133	1851.685	10: 5	
76.267	1850.695	10:13	
76.400	1851.190	10:21	
76.533	1851.933	10:29	
76.667	1851.933	10:37	
76.800	1851.438	10:45	
76.933	1850.695	10:53	

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TEST 1, RUN 1. GAUGE 0149, SENSING DEPTH 1573.70 M

DELTA TIME	PRESSURE	TIME	DATE
77.067	1853.418	11: 1	2- 7-81
77.200	1851.685	11: 9	
77.333	1853.418	11:17	
77.467	1852.428	11:25	
77.600	1853.170	11:33	
77.733	1852.923	11:41	
77.867	1853.665	11:49	
78.000	1853.913	11:57	
78.133	1853.665	12: 5	
78.267	1853.170	12:13	
78.400	1854.160	12:21	
78.533	1853.913	12:29	
78.667	1854.408	12:37	
78.800	1853.913	12:45	
78.933	1854.408	12:53	
79.067	1854.160	13: 1	
79.200	1854.408	13: 9	
79.333	1855.645	13:17	
79.467	1854.655	13:25	
79.600	1854.655	13:33	
79.733	1853.913	13:41	
79.867	1854.160	13:49	
80.133	1854.408	14: 5	
80.267	1854.655	14:13	
80.400	1853.170	14:21	
80.533	1854.408	14:29	
80.667	1854.902	14:37	
80.800	1854.902	14:45	
80.933	1855.397	14:53	
81.067	1856.387	15: 1	
81.200	1855.892	15: 9	
81.333	1857.130	15:17	
81.467	1855.892	15:25	
81.600	1855.892	15:33	
81.733	1856.387	15:41	
81.867	1856.882	15:49	
82.000	1857.625	15:57	
82.133	1856.882	16: 5	
82.267	1857.130	16:13	
82.400	1857.130	16:21	
82.533	1856.882	16:29	
82.667	1856.882	16:37	
82.800	1856.387	16:45	
82.933	1856.882	16:53	
83.067	1855.645	17: 1	
83.200	1856.387	17: 9	
83.333	1857.130	17:17	

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TEST 1, RUN 1. GAUGE 0149, SENSING DEPTH 1573.70 M

DELTA TIME	PRESSURE	TIME	DATE
83.467	1856.882	17:25	2- 7-81
83.600	1856.387	17:33	
83.733	1857.377	17:41	
83.867	1857.377	17:49	
84.000	1859.110	17:57	
84.133	1858.367	18: 5	
84.267	1858.120	18:13	
84.400	1858.615	18:21	
84.533	1858.615	18:29	
84.667	1859.605	18:37	
84.800	1859.110	18:45	
84.933	1858.615	18:53	
85.067	1859.605	19: 1	
85.200	1859.110	19: 9	
85.333	1860.347	19:17	
85.467	1859.605	19:25	
85.600	1861.337	19:33	
85.733	1861.090	19:41	
85.867	1862.327	19:49	
86.000	1862.327	19:57	
86.133	1862.327	20: 5	
86.267	1862.327	20:13	
86.400	1861.337	20:21	
86.533	1862.574	20:29	
86.667	1861.832	20:37	
86.800	1862.574	20:45	
86.933	1862.327	20:53	
87.067	1862.822	21: 1	
87.200	1861.832	21: 9	
87.333	1864.307	21:17	
87.467	1864.059	21:25	
87.600	1864.554	21:33	
87.733	1864.307	21:41	
87.867	1865.544	21:49	
88.000	1865.297	21:57	
88.133	1865.792	22: 5	
88.267	1865.544	22:13	
88.400	1865.792	22:21	
88.533	1866.534	22:29	
88.667	1867.277	22:37	
88.800	1867.029	22:45	
88.933	1867.524	22:53	
89.067	1866.782	23: 1	
89.200	1867.524	23: 9	
89.333	1867.772	23:17	
89.467	1868.514	23:25	
89.600	1869.999	23:33	

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TEST 1, RUN 1. GAUGE 0149, SENSING DEPTH 1573.70 M

DELTA TIME	PRESSURE	TIME	DATE
89.733	1868.267	23:41	2- 7-81
89.867	1869.504	23:49	
90.000	1870.246	23:57	
90.133	1869.752	0: 5	3- 7-81
90.267	1870.246	0:13	
90.400	1870.989	0:21	
90.533	1869.504	0:29	
90.667	1867.524	0:37	
90.800	1848.715	0:45	CHANGE SAND FILTERS
90.933	1847.725	0:53	
91.067	1847.973	1: 1	
91.200	1851.190	1: 9	
91.333	1851.438	1:17	
91.467	1851.933	1:25	
91.600	1851.190	1:33	
91.733	1852.428	1:41	
91.867	1852.180	1:49	
92.000	1852.923	1:57	
92.133	1852.675	2: 5	
92.267	1853.913	2:13	
92.400	1852.923	2:21	
92.533	1853.170	2:29	
92.667	1854.160	2:37	
92.800	1854.160	2:45	
92.933	1854.160	2:53	
93.067	1854.655	3: 1	
93.200	1855.150	3: 9	
93.333	1854.902	3:17	
93.467	1856.140	3:25	
93.600	1856.140	3:33	
93.733	1856.882	3:41	
93.867	1856.882	3:49	
94.000	1856.882	3:57	
94.133	1857.130	4: 5	
94.267	1858.367	4:13	
94.400	1858.367	4:21	
94.533	1858.615	4:29	
94.667	1858.862	4:37	
94.800	1859.110	4:45	
94.933	1860.347	4:53	
95.067	1860.595	5: 1	
95.200	1860.100	5: 9	
95.333	1860.842	5:17	
95.467	1861.337	5:25	
95.600	1861.585	5:33	
95.733	1862.080	5:41	
95.867	1862.080	5:49	

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DELTA TIME	PRESSURE	TIME	DATE
96.000	1862.822	5:57	3- 7-81
96.133	1863.812	6: 5	
96.267	1863.069	6:13	
96.400	1864.059	6:21	
96.533	1864.307	6:29	
96.667	1865.544	6:37	
96.800	1865.544	6:45	
96.933	1866.039	6:53	
97.067	1867.772	7: 1	
97.200	1867.772	7: 9	
97.333	1868.267	7:17	
97.467	1869.009	7:25	
97.600	1869.752	7:33	
97.733	1870.494	7:41	
97.867	1870.741	7:49	
98.000	1870.741	7:57	
98.133	1849.953	8: 5	CHANGE SAND FILTERS
98.267	1850.448	8:13	
98.400	1850.200	8:21	
98.533	1851.438	8:29	
98.667	1852.675	8:37	
98.800	1852.428	8:45	
98.933	1852.675	8:53	
99.067	1852.428	9: 1	
99.200	1853.418	9: 9	
99.333	1853.913	9:17	
99.467	1853.665	9:25	
99.600	1854.655	9:33	
99.733	1854.160	9:41	
99.867	1856.140	9:49	
100.000	1855.397	9:57	
100.133	1856.387	10: 5	
100.267	1856.140	10:13	
100.400	1856.882	10:21	
100.533	1857.130	10:29	
100.667	1855.892	10:37	
100.800	1857.130	10:45	
100.933	1858.367	10:53	
101.067	1858.367	11: 1	
101.200	1858.367	11: 9	
101.333	1858.862	11:17	
101.467	1858.367	11:25	
101.600	1858.862	11:33	
101.733	1859.852	11:41	
101.867	1859.852	11:49	
102.000	1859.852	11:57	
102.133	1860.100	12: 5	

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TEST 1, RUN 1, GAUGE 0149, SENSING DEPTH 1573.70 M

DELTA TIME	PRESSURE	TIME	DATE
102.267	1860.100	12:13	3- 7-81
102.400	1860.595	12:21	
102.533	1860.100	12:29	
102.667	1861.337	12:37	
102.800	1861.090	12:45	
102.933	1862.327	12:53	
103.067	1862.327	13: 1	
103.200	1861.832	13: 9	
103.333	1862.080	13:17	
103.467	1861.832	13:25	
103.600	1863.069	13:33	
103.733	1862.822	13:41	
103.867	1863.317	13:49	
104.000	1863.564	13:57	
104.133	1864.554	14: 5	
104.267	1864.059	14:13	
104.400	1864.802	14:21	
104.533	1865.297	14:29	
104.667	1865.792	14:37	
104.800	1866.534	14:45	
104.933	1866.782	14:53	
105.067	1866.287	15: 1	
105.200	1866.782	15: 9	
105.333	1867.277	15:17	
105.467	1867.029	15:25	
105.600	1867.524	15:33	
105.733	1868.762	15:41	
105.867	1868.514	15:49	
106.000	1869.009	15:57	
106.133	1869.504	16: 5	
106.267	1869.999	16:13	
106.400	1870.246	16:21	
106.533	1869.999	16:29	
106.667	1870.246	16:37	
106.800	1871.484	16:45	
106.933	1871.731	16:53	
107.067	1871.731	17: 1	
107.200	1872.474	17: 9	
107.333	1869.257	17:17	
107.467	1851.190	17:25	
107.600	1850.695	17:33	
107.733	1852.180	17:41	
107.867	1852.428	17:49	
108.000	1853.665	17:57	
108.133	1853.665	18: 5	
108.267	1854.160	18:13	
108.400	1854.408	18:21	

CHANGE SAND FILTERS

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DELTA TIME	PRESSURE	TIME	DATE
108.533	1854.655	18:29	3- 7-81
108.667	1855.150	18:37	
108.800	1856.140	18:45	
108.933	1855.645	18:53	
109.067	1855.645	19: 1	
109.200	1856.387	19: 9	
109.333	1855.397	19:17	
109.467	1856.140	19:25	
109.600	1856.882	19:33	
109.733	1856.635	19:41	
109.867	1857.130	19:49	
110.000	1856.882	19:57	
110.133	1858.862	20: 5	
110.267	1858.615	20:13	
110.400	1858.615	20:21	
110.533	1858.862	20:29	
110.667	1859.110	20:37	
110.800	1859.852	20:45	
110.933	1860.100	20:53	
111.067	1860.347	21: 1	
111.200	1859.852	21: 9	
111.333	1860.595	21:17	
111.467	1860.842	21:25	
111.600	1861.585	21:33	
111.733	1861.832	21:41	
111.867	1861.832	21:49	
112.000	1861.832	21:57	
112.133	1862.080	22: 5	
112.267	1862.822	22:13	
112.400	1862.822	22:21	
112.533	1863.564	22:29	
112.667	1863.812	22:37	
112.800	1863.564	22:45	
112.933	1864.307	22:53	
113.067	1864.802	23: 1	
113.200	1864.307	23: 9	
113.333	1865.792	23:17	
113.467	1865.297	23:25	
113.600	1865.792	23:33	
113.733	1866.287	23:41	
113.867	1866.039	23:49	
114.000	1866.287	23:57	
114.133	1868.019	0: 5	4- 7-81
114.267	1866.782	0:13	
114.400	1868.019	0:21	
114.533	1868.267	0:29	
114.667	1867.772	0:37	

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TEST 1, RUN 1. GAUGE 0149, SENSING DEPTH 1573.70 M

DELTA TIME	PRESSURE	TIME	DATE
114.800	1867.524	0:45	4- 7-81
114.933	1868.514	0:53	
115.067	1869.009	1: 1	
115.200	1869.514	1: 9	
115.333	1869.019	1:17	
115.467	1869.019	1:25	
115.600	1869.762	1:33	
115.733	1869.514	1:41	
115.867	1869.267	1:49	
116.000	1869.257	1:57	
116.133	1869.009	2: 5	
116.267	1869.504	2:13	
116.400	1869.999	2:21	
116.533	1870.494	2:29	
116.667	1870.494	2:37	
116.800	1871.236	2:45	
116.933	1870.741	2:53	
117.067	1870.989	3: 1	
117.200	1870.246	3: 9	
117.333	1871.731	3:17	
117.467	1870.494	3:25	
117.600	1871.731	3:33	
117.733	1871.484	3:41	
117.867	1872.721	3:49	
118.000	1872.721	3:57	
118.133	1858.367	4: 5	CHANGE SAND FILTERS
118.267	1850.448	4:13	
118.400	1847.230	4:21	
118.533	1849.458	4:29	
118.667	1851.685	4:37	
118.800	1851.933	4:45	
118.933	1851.933	4:53	
119.067	1852.180	5: 1	
119.200	1851.438	5: 9	
119.333	1852.180	5:17	
119.467	1851.685	5:25	
119.600	1851.438	5:33	
119.733	1851.685	5:41	
119.867	1852.180	5:49	
120.000	1852.675	5:57	
120.133	1852.675	6: 5	
120.267	1852.923	6:13	
120.400	1853.418	6:21	
120.533	1853.665	6:29	
120.667	1852.675	6:37	
120.800	1852.923	6:45	
120.933	1853.665	6:53	

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OFFSHORE NORWAY
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TEST 1, RUN 1. GAUGE 0149, SENSING DEPTH 1573.70 M

DELTA TIME	PRESSURE	TIME	DATE
121.067	1854.408	7: 1	4- 7-81
121.200	1853.913	7: 9	
121.333	1854.160	7:17	
121.467	1853.913	7:25	
121.600	1852.675	7:33	
121.733	1854.160	7:41	
121.867	1854.655	7:49	
122.000	1854.160	7:57	
122.133	1854.655	8: 5	
122.267	1855.150	8:13	
122.400	1854.902	8:21	
122.533	1855.892	8:29	
122.667	1854.655	8:37	
122.800	1854.655	8:45	
122.933	1855.150	8:53	
123.067	1855.645	9: 1	
123.200	1855.645	9: 9	
123.333	1855.150	9:17	
123.467	1855.645	9:25	
123.600	1855.645	9:33	
123.733	1855.892	9:41	
123.867	1856.140	9:49	
124.000	1856.387	9:57	
124.133	1857.377	10: 5	
124.267	1855.645	10:13	
124.400	1857.130	10:21	
124.533	1857.130	10:29	
124.667	1857.625	10:37	
124.800	1857.377	10:45	
124.933	1857.130	10:53	
125.067	1856.882	11: 1	
125.200	1856.882	11: 9	
125.333	1856.387	11:17	
125.467	1857.130	11:25	
125.600	1858.120	11:33	
125.733	1856.635	11:41	
125.867	1857.872	11:49	
126.000	1859.357	11:57	
126.133	1858.615	12: 5	
126.267	1859.110	12:13	
126.400	1859.605	12:21	
126.533	1859.110	12:29	
126.667	1859.110	12:37	
126.800	1859.605	12:45	
126.933	1858.862	12:53	
127.067	1858.615	13: 1	
127.200	1859.852	13: 9	

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TEST 1, RUN 1. GAUGE 0149, SENSING DEPTH 1573.70 M

DELTA TIME	PRESSURE	TIME	DATE
127.333	1858.862	13:17	4- 7-81
127.467	1859.357	13:25	
127.600	1859.110	13:33	
127.733	1859.605	13:41	
127.867	1857.625	13:49	
128.000	1858.862	13:57	
128.133	1859.110	14: 5	
128.267	1861.585	14:13	
128.400	1861.337	14:21	
128.533	1862.574	14:29	
128.667	1862.574	14:37	
128.800	1862.080	14:45	
128.933	1863.317	14:53	
129.067	1862.574	15: 1	
129.200	1862.327	15: 9	
129.333	1863.812	15:17	
129.467	1863.317	15:25	
129.600	1863.812	15:33	
129.733	1864.554	15:41	
129.867	1864.059	15:49	
130.000	1865.297	15:57	
130.133	1864.307	16: 5	
130.267	1864.059	16:13	
130.400	1865.049	16:21	
130.533	1864.802	16:29	
130.667	1866.039	16:37	
130.800	1865.049	16:45	
130.933	1865.297	16:53	
131.067	1864.554	17: 1	
131.200	1863.564	17: 9	
131.333	1863.317	17:17	
131.467	1864.059	17:25	
131.600	1864.554	17:33	
131.733	1864.554	17:41	
131.867	1864.802	17:49	
132.000	1863.812	17:57	
132.133	1866.039	18: 5	
132.267	1866.039	18:13	
132.400	1866.039	18:21	
132.533	1867.029	18:29	
132.667	1866.782	18:37	
132.800	1866.534	18:45	
132.933	1865.792	18:53	
133.067	1866.287	19: 1	
133.200	1867.277	19: 9	
133.333	1866.782	19:17	
133.467	1868.267	19:25	

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TEST 1, RUN 1. GAUGE 0149, SENSING DEPTH 1573.70 M

DELTA TIME	PRESSURE	TIME	DATE
133.600	1867.524	19:33	4- 7-81
133.733	1868.514	19:41	
133.867	1868.019	19:49	
134.000	1868.762	19:57	
134.133	1868.019	20: 5	
134.267	1868.019	20:13	
134.400	1868.514	20:21	
134.533	1868.762	20:29	
134.667	1869.257	20:37	
134.800	1868.514	20:45	
134.933	1867.772	20:53	
135.067	1867.772	21: 1	
135.200	1849.210	21: 9	
135.333	1847.725	21:17	
135.467	1848.715	21:25	
135.600	1849.953	21:33	
135.733	1851.933	21:41	
135.867	1851.933	21:49	
136.000	1852.923	21:57	
136.133	1852.180	22: 5	
136.267	1853.418	22:13	
136.400	1852.923	22:21	
136.533	1853.913	22:29	
136.667	1854.655	22:37	
136.800	1854.160	22:45	
136.933	1854.408	22:53	
137.067	1854.902	23: 1	
137.200	1854.902	23: 9	
137.333	1855.892	23:17	
137.467	1854.902	23:25	
137.600	1855.150	23:33	
137.733	1855.645	23:41	
137.867	1856.140	23:49	
138.000	1855.645	23:57	
138.133	1855.892	0: 5	5- 7-81
138.267	1856.387	0:13	
138.400	1854.160	0:21	
138.533	1856.635	0:29	
138.667	1857.625	0:37	
138.800	1856.635	0:45	
138.933	1857.377	0:53	
139.067	1857.130	1: 1	
139.200	1856.882	1: 9	
139.333	1857.872	1:17	
139.467	1857.625	1:25	
139.600	1858.120	1:33	
139.733	1858.367	1:41	

CHANGE SAND FILTERS

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TEST 1, RUN 1. GAUGE 0149, SENSING DEPTH 1573.70 M

DELTA TIME	PRESSURE	TIME	DATE
139.867	1857.872	1:49	5- 7-81
140.000	1857.130	1:57	
140.133	1858.862	2: 5	
140.267	1858.120	2:13	
140.400	1858.615	2:21	
140.533	1859.110	2:29	
140.667	1859.357	2:37	
140.800	1859.357	2:45	
140.933	1859.110	2:53	
141.067	1859.110	3: 1	
141.200	1858.615	3: 9	
141.333	1858.615	3:17	
141.467	1858.615	3:25	
141.600	1860.100	3:33	
141.733	1859.110	3:41	
141.867	1858.615	3:49	
142.000	1860.100	3:57	
142.133	1859.852	4: 5	
142.267	1861.090	4:13	
142.400	1860.347	4:21	
142.533	1860.842	4:29	
142.667	1860.100	4:37	
142.800	1860.347	4:45	
142.933	1859.852	4:53	
143.067	1859.110	5: 1	
143.200	1860.100	5: 9	
143.333	1860.100	5:17	
143.467	1860.100	5:25	
143.600	1860.842	5:33	
143.733	1861.337	5:41	
143.867	1860.842	5:49	
144.000	1859.852	5:57	
144.133	1861.585	6: 5	
144.267	1861.337	6:13	
144.400	1860.842	6:21	
144.533	1861.337	6:29	
144.667	1861.585	6:37	
144.800	1861.585	6:45	
144.933	1861.585	6:53	
145.067	1861.832	7: 1	
145.200	1862.574	7: 9	
145.333	1861.832	7:17	
145.467	1861.832	7:25	
145.600	1861.832	7:33	
145.733	1862.822	7:41	
145.867	1862.080	7:49	
146.000	1862.822	7:57	

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TEST 1, RUN 1. GAUGE 0149, SENSING DEPTH 1573.70 M

DELTA TIME	PRESSURE	TIME	DATE
146.133	1863.317	8: 5	5- 7-81
146.267	1863.069	8:13	
146.400	1862.574	8:21	
146.533	1863.564	8:29	
146.667	1863.069	8:37	
146.800	1863.069	8:45	
146.933	1862.574	8:53	
147.067	1863.317	9: 1	
147.200	1864.307	9: 9	
147.333	1864.554	9:17	
147.467	1863.812	9:25	
147.600	1865.049	9:33	
147.733	1864.802	9:41	
147.867	1865.049	9:49	
148.000	1864.802	9:57	
148.133	1865.792	10: 5	
148.267	1865.544	10:13	
148.400	1865.297	10:21	
148.533	1865.297	10:29	
148.667	1865.544	10:37	
148.800	1866.287	10:45	
148.933	1865.297	10:53	
149.067	1866.287	11: 1	
149.200	1865.544	11: 9	
149.333	1866.039	11:17	
149.467	1866.534	11:25	
149.600	1865.792	11:33	
149.733	1866.782	11:41	
149.867	1866.534	11:49	
150.000	1866.534	11:57	
150.133	1866.782	12: 5	
150.267	1866.782	12:13	
150.400	1866.534	12:21	
150.533	1866.287	12:29	
150.667	1867.029	12:37	
150.800	1867.277	12:45	
150.933	1867.029	12:53	
151.067	1866.534	13: 1	
151.200	1866.287	13: 9	
151.333	1866.782	13:17	
151.467	1866.287	13:25	
151.600	1866.782	13:33	
151.733	1866.534	13:41	
151.867	1867.524	13:49	
152.000	1867.524	13:57	
152.133	1868.019	14: 5	
152.267	1868.019	14:13	

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TEST 1, RUN 1. GAUGE 0149, SENSING DEPTH 1573.70 M

DELTA TIME	PRESSURE	TIME	DATE
152.400	1866.534	14:21	5- 7-81
152.533	1867.772	14:29	
152.667	1867.772	14:37	
152.800	1868.514	14:45	
152.933	1868.514	14:53	
153.067	1869.009	15: 1	
153.200	1868.019	15: 9	
153.333	1869.752	15:17	
153.467	1869.257	15:25	
153.600	1869.999	15:33	
153.733	1870.989	15:41	
153.867	1870.246	15:49	
154.000	1870.494	15:57	
154.133	1870.494	16: 5	
154.267	1871.731	16:13	
154.400	1869.999	16:21	
154.533	1868.514	16:29	
154.667	1870.246	16:37	
154.800	1870.494	16:45	
154.933	1849.458	16:53	CHANGE SAND FILTERS
155.067	1845.746	17: 1	
155.200	1846.488	17: 9	
155.333	1847.230	17:17	
155.467	1849.953	17:25	
155.600	1849.210	17:33	
155.733	1850.943	17:41	
155.867	1850.448	17:49	
156.000	1850.943	17:57	
156.133	1852.180	18: 5	
156.267	1851.933	18:13	
156.400	1852.675	18:21	
156.533	1852.923	18:29	
156.667	1852.675	18:37	
156.800	1854.408	18:45	
156.933	1853.913	18:53	
157.067	1852.923	19: 1	
157.200	1853.913	19: 9	
157.333	1854.160	19:17	
157.467	1854.408	19:25	
157.600	1854.160	19:33	
157.733	1854.655	19:41	
157.867	1855.397	19:49	
158.000	1855.645	19:57	
158.133	1855.892	20: 5	
158.267	1855.892	20:13	
158.400	1855.645	20:21	
158.533	1856.387	20:29	

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TEST 1, RUN 1. GAUGE 0149, SENSING DEPTH 1573.70 M

DELTA TIME	PRESSURE	TIME	DATE
158.667	1856.140	20:37	5- 7-81
158.800	1855.892	20:45	
158.933	1855.892	20:53	
159.067	1855.892	21: 1	
159.200	1856.635	21: 9	
159.333	1857.377	21:17	
159.467	1856.882	21:25	
159.600	1856.387	21:33	
159.733	1856.635	21:41	
159.867	1855.397	21:49	
160.000	1856.387	21:57	
160.133	1855.397	22: 5	
160.267	1855.645	22:13	
160.400	1856.635	22:21	
160.533	1857.377	22:29	
160.667	1857.130	22:37	
160.800	1857.872	22:45	
160.933	1857.130	22:53	
161.067	1857.625	23: 1	
161.200	1857.130	23: 9	
161.333	1858.615	23:17	
161.467	1857.130	23:25	
161.600	1858.120	23:33	
161.733	1858.615	23:41	
161.867	1858.862	23:49	
162.000	1858.615	23:57	
162.133	1858.862	0: 5	6- 7-81
162.267	1859.357	0:13	
162.400	1857.872	0:21	
162.533	1859.357	0:29	
162.667	1859.605	0:37	
162.800	1858.862	0:45	
162.933	1859.605	0:53	
163.067	1860.595	1: 1	
163.200	1860.347	1: 9	
163.333	1860.347	1:17	
163.467	1858.615	1:25	
163.600	1858.615	1:33	
163.733	1859.357	1:41	
163.867	1858.615	1:49	
164.000	1858.615	1:57	
164.133	1859.110	2: 5	
164.267	1858.367	2:13	
164.400	1860.347	2:21	
164.533	1859.357	2:29	
164.667	1859.357	2:37	
164.800	1860.347	2:45	

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DELTA TIME	PRESSURE	TIME	DATE
164.933	1860.100	2:53	6- 7-81
165.067	1859.605	3: 1	
165.200	1860.347	3: 9	
165.333	1859.852	3:17	
165.467	1860.595	3:25	
165.600	1860.595	3:33	
165.733	1860.347	3:41	
165.867	1860.595	3:49	
166.000	1860.595	3:57	
166.133	1861.337	4: 5	
166.267	1862.080	4:13	
166.400	1860.347	4:21	
166.533	1858.120	4:29	
166.667	1859.357	4:37	
166.800	1861.090	4:45	
166.933	1860.347	4:53	
167.067	1861.585	5: 1	
167.200	1860.100	5: 9	
167.333	1860.347	5:17	
167.467	1859.605	5:25	
167.600	1859.852	5:33	
167.733	1861.585	5:41	
167.867	1861.832	5:49	
168.000	1861.585	5:57	
168.133	1861.090	6: 5	
168.267	1862.327	6:13	
168.400	1862.327	6:21	
168.533	1862.327	6:29	
168.667	1861.832	6:37	
168.800	1861.337	6:45	
168.933	1862.574	6:53	
169.067	1862.822	7: 1	
169.200	1863.069	7: 9	
169.333	1862.574	7:17	
169.467	1863.812	7:25	
169.600	1863.317	7:33	
169.733	1863.812	7:41	
169.867	1865.544	7:49	
170.000	1864.802	7:57	
170.133	1866.039	8: 5	
170.267	1863.317	8:13	
170.400	1863.812	8:21	
170.533	1863.812	8:29	
170.667	1863.317	8:37	
170.800	1864.307	8:45	
170.933	1864.059	8:53	
171.067	1864.554	9: 1	

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TEST 1, RUN 1. GAUGE 0149, SENSING DEPTH 1573.70 M

DELTA TIME	PRESSURE	TIME	DATE
171.200	1863.317	9: 9	6- 7-81
171.333	1865.297	9:17	
171.467	1862.822	9:25	
171.600	1864.554	9:33	
171.733	1864.307	9:41	
171.867	1866.039	9:49	
172.000	1866.287	9:57	
172.133	1866.287	10: 5	
172.267	1866.534	10:13	
172.400	1866.287	10:21	
172.533	1866.039	10:29	
172.667	1866.782	10:37	
172.800	1867.524	10:45	
172.933	1867.029	10:53	
173.067	1866.782	11: 1	
173.200	1867.029	11: 9	
173.333	1866.534	11:17	
173.467	1866.039	11:25	
173.600	1864.059	11:33	
173.733	1865.049	11:41	
173.867	1865.544	11:49	
174.000	1866.039	11:57	
174.133	1868.267	12: 5	
174.267	1869.257	12:13	
174.400	1868.019	12:21	
174.533	1868.267	12:29	

WELL SHUT IN

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TEST 1, RUN 1. GAUGE 0149, SENSING DEPTH 1573.70 M

DELTA TIME	PRESSURE	TIME	DATE
0.000	1868.267	12:29	6- 7-81 WELL SHUT IN AT 12:30
0.133	2268.201	12:37	
0.267	2274.883	12:45	
0.400	2275.378	12:53	
0.533	2275.378	13: 1	
0.667	2276.368	13: 9	
0.800	2276.368	13:17	
0.933	2276.615	13:25	
1.067	2276.615	13:33	
1.200	2276.615	13:41	
1.333	2276.120	13:49	
1.467	2276.368	13:57	
1.600	2276.615	14: 5	
1.733	2276.615	14:13	
1.867	2275.625	14:21	
2.000	2275.625	14:29	
2.133	2275.378	14:37	
2.267	2274.388	14:45	
2.400	2275.378	14:53	
2.533	2275.378	15: 1	
2.667	2275.625	15: 9	
2.800	2275.130	15:17	
2.933	2275.130	15:25	GAUGE OFF BOTTOM



PRESSURE TEST DATA SUMMARY

 COMPANY: NORSKE SHELL A/S DATE: 29 JUNE 1981

 FIELD: WILDCAT WELL NO: 31/2-5 JOB NO: MRPG-903-NOR

 TEST TYPE: PRODUCTION TEST NO: 1 RUN NO: 1 MAX B.H.T. 151 °F

 PERFORATION INTERVAL: 1582m - 1588m ZONE: OIL

	TOP	MIDDLE	BOTTOM
GAUGE TYPE/NO.	<u>MRPG/0130</u>	<u>MRPG/0149</u>	<u>AMERADA</u>
PRESSURE SENSING DEPTH	<u>1570.98 m</u>	<u>1573.70 m</u>	
ELEMENT SIZE	<u>5000 PSI</u>	<u>5000 PSI</u>	
TIME MODE	<u>8 MINUTES</u>	<u>8 MINUTES</u>	
BATTERY TYPE	<u>MERCURY</u>	<u>ALKALINE</u>	

EVENT	SURFACE TIMES & DATES		TEMP.	°F
Batteries on Gauge 0130	00:40	29/6-81		
" " " 0149	00:41	"		
Lubricator stop	01:10-02:10	"	42	
Gradient stop at 979m.	02:35-03:35	"	104	
" " " 1279m.	03:44-04:44	"	121	
Gauges seated in nipple	04:55	"	136	
Well opened to flow 28/64" Fixed choke	06:01	"	139	
Flow through separator	06:17	"	139	
Change sand filters	08:05	"	141	
Bypass sand filters	08:56	"	141	
Change to 48/64" Fixed choke	09:48	"	141	
Change to 44/64" Adj. choke	10:25	"	141	
Change to 40/64" Fixed "	10:33	"	142	
Change to 40/64" Adj. choke	12:30	"	143	
Change to 64/64" fixed choke	12:34	"	143	
Flow through thornton manifold	13:27	"	144	
Flow through sand filters	16:38	30/6-81	150	
Bypass thornton manifold	23:43	"	250	
Bypass sand filters	05:35	1/7-81	150	
Flow through sand filters	06:12	"	150	

M.R.P.G. PRESSURES ARE RELATIVE TO GAUGE CLOCK TIMES.

S.P.G. PRESSURES ARE RELATIVE TO TIME GRADIENT CALCULATED FROM SURFACE TIMES.



PRESSURE TEST DATA SUMMARY CONTINUATION SHEET

 COMPANY: NORSKE SHELL A/S

 JOB NO: MRPG-903-NOR

EVENT	SURFACE TIMES & DATES		TEMP.	°F
Flow through thornton manifold	07:54	1/7-81	150	
Change separators	06:22	2/7-81	150	
" "	07:44	"	150	
Change sand filters	00:45	3/7-81	150	
" " "	08:00	"	150	
" " "	17:15	"	150	
" " "	04:05	"	150	
" " "	21:02	"	150	
" " "	13:30	5/7-81	150	
" " "	16:46	"	150	
Well shut-in	12:30	6/7-81	151	
Gauges off bottom	15:18	"	150	
Gradient stop at 1279m.	15:25-16:05	"	142	
" " " 979m.	16:10-16:50	"	131	
" " " 252m.	16:58-17:38	"	46	
Lubricator stop	17:45-18:25	"	51	

M.R.P.G. PRESSURES ARE RELATIVE TO GAUGE CLOCK TIMES.

S.P.G. PRESSURES ARE RELATIVE TO TIME GRADIENT CALCULATED FROM SURFACE TIMES.

GRADIENT STOP SURVEY DATA

COMPANY: NORSKE SHELL A/S DATE: 29 JUNE 1981
FIELD: WILDCAT WELL NO: 31/2-5 JOB NO: MRPG-903-NOR
GAUGE TYPE/NO: MRPG/0130 TEST NO: 1 RUN NO: 1
INITIAL LUB. PRESSURE: DWT/703 FINAL LUB. PRESSURE: DWT/760

MEASURED DEPTH	VERTICAL DEPTH	PRESSURE (P.S.I.G.)	GRADIENT/FT. (P.S.I.G.)	TEMPERATURE °F
LUBRICATOR		690.102		41
979 m		1604.414		104
1279 m		1951.906		137
1279 m		1947.985		141
979 m		1651.465		130
352 m		1002.551		45
LUBRICATOR		764.335		51

REPORTED DEPTHS ARE GAUGE SENSING DEPTHS RELATIVE TO WIRELINE R.K.B.



GRADIENT STOP SURVEY DATA

COMPANY: NORSKE SHELL A/S DATE: 29 JUNE 1981
FIELD: WILDCAT WELL NO: 31/2-5 JOB NO: MRPG-903-NOR
GAUGE TYPE/NO: MRPG/0149 TEST NO: 1 RUN NO: 1
INITIAL LUB: PRESSURE: DWT/703 FINAL LUB. PRESSURE: DWT/760

MEASURED DEPTH	VERTICAL DEPTH	PRESSURE (P.S.I.G.)	GRADIENT/FT. (P.S.I.G.)	TEMPERATURE °F
979m		1604.448		106
1279m		1951.421		132
1279m		1948.698		143

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WILDCAT
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OFFSHORE NORWAY
29 JUNE 1981
MRPG-903-NOR

TEST 1, RUN 1. GAUGE 0130, SENSING DEPTH 1570.98 M

DELTA TIME	PRESSURE	TIME	DATE	
0.000	2278.079	4:58	29- 6-81	SEATED IN NIPPLE AT 04:55
0.133	2278.324	5: 6		
0.267	2279.304	5:14		
0.400	2278.569	5:22		
0.533	2278.569	5:30		
0.667	2277.834	5:38		
0.800	2277.834	5:46		
0.933	2275.628	5:54		WELL OPEN TO FLOW

SPERRY-SUN INTERNATIONAL INC.
MAGNETIC RECORDING PRESSURE GAUGE REPORT

NORSKE SHELL A/S
WILDCAT
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OFFSHORE NORWAY
29 JUNE 1981
MRPG-903-NOR

TEST 1; RUN 1. GAUGE 0130; SENSING DEPTH 1570.98 M

DELTA TIME	PRESSURE	TIME	DATE	
0.000	2275.628	5:54	29- 6-81	WELL OPEN TO FLOW
0.133	2191.573	6: 2		
0.267	2208.237	6:10		ON 28/64" FIXED CHOKE AT 06:01
0.400	2191.083	6:18		FLOW THROUGH SEPARATOR
0.533	2212.648	6:26		
0.667	2211.178	6:34		
0.800	2209.708	6:42		
0.933	2208.482	6:50		
1.067	2210.933	6:58		
1.200	2214.119	7: 6		
1.333	2214.609	7:14		
1.467	2213.874	7:22		
1.600	2213.383	7:30		
1.733	2215.589	7:38		
1.867	2218.040	7:46		
2.000	2221.715	7:54		
2.133	2159.226	8: 2		CHANGE SAND FILTERS
2.267	2165.597	8:10		
2.400	2163.637	8:18		
2.533	2168.538	8:26		
2.667	2172.949	8:34		
2.800	2183.976	8:42		
2.933	2192.554	8:50		
3.067	2155.550	8:58		BYPASS SAND FILTERS
3.200	2155.305	9: 6		
3.333	2154.815	9:14		
3.467	2154.815	9:22		
3.600	2152.854	9:30		
3.733	2182.996	9:38		
3.867	2162.411	9:46		
4.000	1991.361	9:54		CHANGE TO 48/64" FIXED CHOKE
4.133	1977.883	10: 2		AT 09:48
4.267	1976.167	10:10		
4.400	1969.796	10:18		
4.533	2044.538	10:26		CHANGE TO 44/64" ADJ CHOKE
4.667	2045.764	10:34		AT 10:25
4.800	2038.412	10:42		CHANGE TO 40/64" FIXED CHOKE
4.933	2036.452	10:50		AT 10:33
5.067	2035.226	10:58		
5.200	2032.531	11: 6		
5.333	2032.531	11:14		
5.467	2031.550	11:22		
5.600	2030.325	11:30		
5.733	2030.570	11:38		
5.867	2030.080	11:46		
6.000	2030.080	11:54		

SPERRY-SUN INTERNATIONAL INC.
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NORSKE SHELL A/S
WILDCAT
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OFFSHORE NORWAY
29 JUNE 1981
MRPG-903-NOR

TEST 1, RUN 1. GAUGE 0130, SENSING DEPTH 1570.98 M

DELTA TIME	PRESSURE	TIME	DATE
6.133	2029.345	12: 2	29- 6-81
6.267	2029.345	12:10	
6.400	2029.345	12:18	
6.533	2029.835	12:26	
6.667	1900.689	12:34	CHANGE TO 40/64" ADJ CHOKE
6.800	1844.571	12:42	CHANGE TO 64/64" FIXED CHOKE
6.933	1841.630	12:50	AT 12:34
7.067	1840.650	12:58	
7.200	1839.670	13: 6	
7.333	1837.955	13:14	
7.467	1838.445	13:22	
7.600	1860.745	13:30	FLOW THROUGH THORNTON MANIFOLD
7.733	1873.978	13:38	
7.867	2202.846	13:46	
8.000	1888.437	13:54	
8.133	1857.559	14: 2	
8.267	1860.255	14:10	
8.400	1860.010	14:18	
8.533	1866.136	14:26	
8.667	1856.579	14:34	
8.800	1854.619	14:42	
8.933	1861.725	14:50	
9.067	1875.448	14:58	
9.200	1858.049	15: 6	
9.333	1854.128	15:14	
9.467	1853.883	15:22	
9.600	1853.883	15:30	
9.733	1854.864	15:38	
9.867	1853.148	15:46	
10.000	1851.923	15:54	
10.133	1851.433	16: 2	
10.267	1850.207	16:10	
10.400	1849.717	16:18	
10.533	1849.962	16:26	
10.667	1847.757	16:34	
10.800	1849.227	16:42	
10.933	1848.982	16:50	
11.067	1848.247	16:58	
11.200	1848.247	17: 6	
11.333	1846.287	17:14	
11.467	1846.287	17:22	
11.600	1846.777	17:30	
11.733	1846.287	17:38	
11.867	1846.287	17:46	
12.000	1845.551	17:54	
12.133	1845.796	18: 2	
12.267	1844.816	18:10	

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TEST 1, RUN 1, GAUGE 0130, SENSING DEPTH 1570.98 M

DELTA TIME	PRESSURE	TIME	DATE
12.400	1845.551	18:18	29- 6-81
12.533	1845.306	18:26	
12.667	1844.326	18:34	
12.800	1844.571	18:42	
12.933	1845.796	18:50	
13.067	1844.571	18:58	
13.200	1845.061	19: 6	
13.333	1845.306	19:14	
13.467	1844.816	19:22	
13.600	1845.306	19:30	
13.733	1846.041	19:38	
13.867	1846.041	19:46	
14.000	1845.551	19:54	
14.133	1847.022	20: 2	
14.267	1846.532	20:10	
14.400	1846.532	20:18	
14.533	1847.022	20:26	
14.667	1847.022	20:34	
14.800	1846.532	20:42	
14.933	1847.022	20:50	
15.067	1845.551	20:58	
15.200	1846.532	21: 6	
15.333	1846.287	21:14	
15.467	1846.532	21:22	
15.600	1846.777	21:30	
15.733	1847.022	21:38	
15.867	1846.532	21:46	
16.000	1847.267	21:54	
16.133	1846.777	22: 2	
16.267	1847.267	22:10	
16.400	1846.041	22:18	
16.533	1845.796	22:26	
16.667	1846.041	22:34	
16.800	1847.022	22:42	
16.933	1845.306	22:50	
17.067	1847.512	22:58	
17.200	1844.571	23: 6	
17.333	1844.816	23:14	
17.467	1844.816	23:22	
17.600	1846.287	23:30	
17.733	1848.737	23:38	
18.133	1848.002	0: 2	30- 6-81
18.267	1848.982	0:10	
18.400	1848.492	0:18	
18.533	1847.757	0:26	
18.667	1848.247	0:34	
18.800	1848.002	0:42	

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TEST 1, RUN 1. GAUGE 0130, SENSING DEPTH 1570.98 M

DELTA TIME	PRESSURE	TIME	DATE
18.933	1848.002	0:50	30- 6-81
19.067	1848.737	0:58	
19.200	1848.492	1: 6	
19.333	1848.492	1:14	
19.467	1850.453	1:22	
19.600	1847.757	1:30	
19.733	1849.227	1:38	
19.867	1848.737	1:46	
20.000	1848.002	1:54	
20.133	1848.982	2: 2	
20.267	1847.757	2:10	
20.400	1848.002	2:18	
20.533	1848.247	2:26	
20.667	1847.757	2:34	
20.800	1848.247	2:42	
20.933	1847.267	2:50	
21.067	1847.022	2:58	
21.200	1848.002	3: 6	
21.333	1848.002	3:14	
21.467	1848.247	3:22	
21.600	1847.512	3:30	
21.733	1849.472	3:38	
21.867	1847.757	3:46	
22.000	1848.002	3:54	
22.133	1847.757	4: 2	
22.267	1848.982	4:10	
22.400	1848.247	4:18	
22.533	1847.512	4:26	
22.667	1848.492	4:34	
22.800	1848.002	4:42	
22.933	1847.757	4:50	
23.067	1847.757	4:58	
23.200	1848.002	5: 6	
23.333	1847.512	5:14	
23.467	1847.757	5:22	
23.600	1848.002	5:30	
23.733	1849.717	5:38	
23.867	1849.227	5:46	
24.000	1847.757	5:54	
24.133	1849.717	6: 2	
24.267	1848.737	6:10	
24.400	1849.962	6:18	
24.533	1848.492	6:26	
24.667	1847.757	6:34	
24.800	1848.492	6:42	
24.933	1848.002	6:50	
25.067	1847.512	6:58	

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TEST 1, RUN 1. GAUGE 0130, SENSING DEPTH 1570.98 M

DELTA TIME	PRESSURE	TIME	DATE
25.200	1848.492	7: 6	30- 6-81
25.333	1847.267	7:14	
25.467	1847.512	7:22	
25.600	1846.777	7:30	
25.733	1847.512	7:38	
25.867	1846.532	7:46	
26.000	1846.777	7:54	
26.133	1846.532	8: 2	
26.267	1846.777	8:10	
26.400	1846.777	8:18	
26.533	1846.777	8:26	
26.667	1847.512	8:34	
26.800	1846.041	8:42	
26.933	1846.777	8:50	
27.067	1848.247	8:58	
27.200	1847.022	9: 6	
27.333	1846.777	9:14	
27.467	1847.267	9:22	
27.600	1847.267	9:30	
27.733	1846.287	9:38	
27.867	1847.022	9:46	
28.000	1847.022	9:54	
28.133	1846.532	10: 2	
28.267	1848.002	10:10	
28.400	1846.041	10:18	
28.533	1847.267	10:26	
28.667	1846.041	10:34	
28.800	1847.022	10:42	
28.933	1846.532	10:50	
29.067	1848.002	10:58	
29.200	1847.022	11: 6	
29.333	1846.287	11:14	
29.467	1846.287	11:22	
29.600	1845.306	11:30	
29.733	1845.796	11:38	
29.867	1846.287	11:46	
30.000	1847.512	11:54	
30.133	1847.022	12: 2	
30.267	1846.041	12:10	
30.400	1848.002	12:18	
30.533	1847.757	12:26	
30.667	1847.757	12:34	
30.800	1845.551	12:42	
30.933	1845.551	12:50	
31.067	1845.306	12:58	
31.200	1844.326	13: 6	
31.333	1844.571	13:14	

NORSKE SHELL A/S
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OFFSHORE NORWAY
29 JUNE 1981
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TEST 1, RUN 1. GAUGE 0130, SENSING DEPTH 1570.98 M

DELTA TIME	PRESSURE	TIME	DATE
31.467	1844.571	13:22	30- 6-81
31.600	1844.571	13:30	
31.733	1844.081	13:38	
31.867	1844.081	13:46	
32.000	1845.061	13:54	
32.133	1844.571	14: 2	
32.267	1844.081	14:10	
32.400	1845.061	14:18	
32.533	1843.836	14:26	
32.667	1843.836	14:34	
32.800	1843.836	14:42	
32.933	1844.816	14:50	
33.067	1845.551	14:58	
33.200	1844.081	15: 6	
33.333	1843.101	15:14	
33.467	1844.081	15:22	
33.600	1844.326	15:30	
33.733	1845.306	15:38	
33.867	1844.326	15:46	
34.000	1843.836	15:54	
34.133	1843.591	16: 2	
34.267	1843.591	16:10	
34.400	1844.571	16:18	
34.533	1845.061	16:26	
34.667	1844.816	16:34	
34.800	1840.895	16:42	
34.933	1843.836	16:50	
35.067	1844.571	16:58	
35.200	1845.551	17: 6	
35.333	1846.777	17:14	
35.467	1847.512	17:22	
35.600	1847.512	17:30	
35.733	1848.247	17:38	
35.867	1849.472	17:46	
36.000	1849.962	17:54	
36.133	1850.207	18: 2	
36.267	1850.453	18:10	
36.400	1851.188	18:18	
36.533	1851.188	18:26	
36.667	1851.188	18:34	
36.800	1852.413	18:42	
36.933	1852.168	18:50	
37.067	1852.413	18:58	
37.200	1853.638	19: 6	
37.333	1853.638	19:14	
37.467	1853.883	19:22	
37.600	1854.128	19:30	

FLOW THROUGH SAND FILTERS

NORSKE SHELL A/S
WILDCAT
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OFFSHORE NORWAY
29 JUNE 1981
MRPG-903-NOR

TEST 1, RUN 1. GAUGE 0130, SENSING DEPTH 1570.98 M

DELTA TIME	PRESSURE	TIME	DATE
37.733	1855.844	19:38	30- 6-81
37.867	1854.128	19:46	
38.000	1854.619	19:54	
38.133	1855.354	20: 2	
38.267	1855.354	20:10	
38.400	1856.579	20:18	
38.533	1856.334	20:26	
38.667	1856.334	20:34	
38.800	1856.579	20:42	
38.933	1855.844	20:50	
39.067	1857.804	20:58	
39.200	1857.559	21: 6	
39.333	1857.804	21:14	
39.467	1858.294	21:22	
39.600	1858.294	21:30	
39.733	1860.255	21:38	
39.867	1858.539	21:46	
40.000	1859.275	21:54	
40.133	1859.275	22: 2	
40.267	1860.255	22:10	
40.400	1860.010	22:18	
40.533	1860.500	22:26	
40.667	1861.235	22:34	
40.800	1860.745	22:42	
40.933	1861.725	22:50	
41.067	1863.441	22:58	
41.200	1860.255	23: 6	
41.333	1861.235	23:14	
41.467	1863.196	23:22	
41.600	1862.950	23:30	
41.733	1862.460	23:38	
41.867	1837.219	23:46	
42.000	1838.445	23:54	
42.133	1837.955	0: 2	1- 7-81
42.267	1839.915	0:10	
42.400	1840.160	0:18	
42.533	1838.935	0:26	
42.667	1923.725	0:34	
42.800	2098.451	0:42	
42.933	1867.362	0:50	
43.067	1863.441	0:58	
43.200	1861.725	1: 6	
43.333	1863.196	1:14	
43.467	1863.686	1:22	
43.600	1860.990	1:30	
43.733	1861.235	1:38	
43.867	1860.990	1:46	

BYPASS THORNTON MANIFOLD

NORSKE SHELL A/S
WILDCAT
31/2-5

OFFSHORE NORWAY
29 JUNE 1981
MRPG-903-NOR

TEST 1, RUN 1. GAUGE 0130, SENSING DEPTH 1570.98 M

DELTA TIME	PRESSURE	TIME	DATE
44.000	1862.705	1:54	1- 7-81
44.133	1860.500	2: 2	
44.267	1860.500	2:10	
44.400	1862.460	2:18	
44.533	1860.500	2:26	
44.667	1860.010	2:34	
44.800	1859.030	2:42	
44.933	1860.255	2:50	
45.067	1860.990	2:58	
45.200	1861.725	3: 6	
45.333	1862.460	3:14	
45.467	1861.970	3:22	
45.600	1860.990	3:30	
45.733	1860.500	3:38	
45.867	1862.950	3:46	
46.000	1861.235	3:54	
46.133	1862.215	4: 2	
46.267	1861.970	4:10	
46.400	1863.196	4:18	
46.533	1863.196	4:26	
46.667	1862.460	4:34	
46.800	1863.931	4:42	
46.933	1862.460	4:50	
47.067	1865.156	4:58	
47.200	1863.441	5: 6	
47.333	1864.421	5:14	
47.467	1863.931	5:22	
47.600	1857.069	5:30	
47.733	1832.563	5:38	BYPASS SAND FILTER
47.867	1831.583	5:46	
48.000	1834.034	5:54	
48.133	1834.769	6: 2	
48.267	1833.053	6:10	
48.400	1834.524	6:18	FLOW THROUGH SAND FILTER
48.533	1835.994	6:26	
48.667	1838.200	6:34	
48.800	1838.200	6:42	
48.933	1836.974	6:50	
49.067	1835.504	6:58	
49.200	1836.729	7: 6	
49.333	1835.504	7:14	
49.467	1836.484	7:22	
49.600	1835.994	7:30	
49.733	1838.200	7:38	
49.867	1835.749	7:46	
50.000	1847.022	7:54	FLOW THROUGH THORNTON MANIFOLD
50.133	1853.883	8: 2	

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TEST 1, RUN 1. GAUGE 0130, SENSING DEPTH 1570.98 M

DELTA TIME	PRESSURE	TIME	DATE
50.267	1853.883	8:10	1- 7-81
50.400	1853.638	8:18	
50.533	1852.903	8:26	
50.667	1852.903	8:34	
50.800	1853.148	8:42	
50.933	1850.698	8:50	
51.067	1852.168	8:58	
51.200	1851.433	9: 6	
51.333	1850.943	9:14	
51.467	1850.698	9:22	
51.600	1850.207	9:30	
51.733	1852.168	9:38	
51.867	1850.207	9:46	
52.000	1849.962	9:54	
52.133	1849.962	10: 2	
52.267	1850.207	10:10	
52.400	1850.207	10:18	
52.533	1849.717	10:26	
52.667	1850.453	10:34	
52.800	1852.413	10:42	
52.933	1850.207	10:50	
53.067	1850.207	10:58	
53.200	1849.962	11: 6	
53.333	1850.453	11:14	
53.467	1849.962	11:22	
53.600	1850.207	11:30	
53.733	1850.207	11:38	
53.867	1849.472	11:46	
54.000	1850.207	11:54	
54.133	1851.188	12: 2	
54.267	1850.453	12:10	
54.400	1850.207	12:18	
54.533	1849.962	12:26	
54.667	1850.453	12:34	
54.800	1850.698	12:42	
54.933	1849.962	12:50	
55.067	1850.207	12:58	
55.200	1850.207	13: 6	
55.333	1850.698	13:14	
55.467	1850.453	13:22	
55.600	1850.207	13:30	
55.733	1850.453	13:38	
55.867	1850.207	13:46	
56.000	1849.962	13:54	
56.133	1851.433	14: 2	
56.267	1852.168	14:10	
56.400	1851.923	14:18	

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TEST 1, RUN 1. GAUGE 0130, SENSING DEPTH 1570.98 M

DELTA TIME	PRESSURE	TIME	DATE
56.533	1851.923	14:26	1- 7-81
56.667	1851.678	14:34	
56.800	1851.433	14:42	
56.933	1850.943	14:50	
57.067	1850.943	14:58	
57.200	1851.188	15: 6	
57.333	1851.433	15:14	
57.467	1851.923	15:22	
57.600	1851.678	15:30	
57.733	1851.678	15:38	
57.867	1852.413	15:46	
58.000	1853.638	15:54	
58.133	1852.903	16: 2	
58.267	1854.128	16:10	
58.400	1853.638	16:18	
58.533	1853.148	16:26	
58.667	1853.638	16:34	
58.800	1854.864	16:42	
58.933	1854.373	16:50	
59.067	1855.354	16:58	
59.200	1854.619	17: 6	
59.333	1854.619	17:14	
59.467	1855.354	17:22	
59.600	1855.109	17:30	
59.733	1855.354	17:38	
59.867	1856.824	17:46	
60.000	1855.354	17:54	
60.133	1856.089	18: 2	
60.267	1856.824	18:10	
60.400	1856.334	18:18	
60.533	1856.824	18:26	
60.667	1857.314	18:34	
60.800	1856.334	18:42	
60.933	1856.824	18:50	
61.067	1857.559	18:58	
61.200	1856.824	19: 6	
61.333	1857.069	19:14	
61.467	1857.559	19:22	
61.600	1857.804	19:30	
61.733	1858.539	19:38	
61.867	1856.824	19:46	
62.000	1858.539	19:54	
62.133	1859.275	20: 2	
62.267	1859.030	20:10	
62.400	1858.539	20:18	
62.533	1859.030	20:26	
62.667	1859.520	20:34	

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TEST 1, RUN 1. GAUGE 0130, SENSING DEPTH 1570.98 M

DELTA TIME	PRESSURE	TIME	DATE
62.800	1859.030	20:42	1- 7-81
62.933	1859.275	20:50	
63.067	1859.520	20:58	
63.200	1859.275	21: 6	
63.333	1858.785	21:14	
63.467	1859.765	21:22	
63.600	1860.255	21:30	
63.733	1860.500	21:38	
63.867	1859.275	21:46	
64.000	1862.460	21:54	
64.133	1859.765	22: 2	
64.267	1860.500	22:10	
64.400	1860.255	22:18	
64.533	1860.255	22:26	
64.667	1861.480	22:34	
64.800	1861.725	22:42	
64.933	1861.480	22:50	
65.067	1861.480	22:58	
65.200	1862.215	23: 6	
65.333	1862.215	23:14	
65.467	1861.970	23:22	
65.600	1862.460	23:30	
65.733	1863.441	23:38	
65.867	1863.196	23:46	
66.000	1864.176	23:54	
66.133	1864.176	0: 2	2- 7-81
66.267	1863.441	0:10	
66.400	1864.176	0:18	
66.533	1864.176	0:26	
66.667	1864.666	0:34	
66.800	1864.911	0:42	
66.933	1865.891	0:50	
67.067	1865.156	0:58	
67.200	1863.196	1: 6	
67.333	1860.745	1:14	
67.467	1861.480	1:22	
67.600	1861.970	1:30	
67.733	1862.950	1:38	
67.867	1861.725	1:46	
68.000	1862.215	1:54	
68.133	1860.990	2: 2	
68.267	1864.911	2:10	
68.400	1862.950	2:18	
68.533	1862.705	2:26	
68.667	1863.196	2:34	
68.800	1863.686	2:42	
68.933	1863.441	2:50	

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TEST 1, RUN 1. GAUGE 0130, SENSING DEPTH 1570.98 M

DELTA TIME	PRESSURE	TIME	DATE
69.067	1863.931	2:58	2- 7-81
69.200	1863.931	3: 6	
69.333	1865.156	3:14	
69.467	1864.421	3:22	
69.600	1864.421	3:30	
69.733	1865.401	3:38	
69.867	1864.666	3:46	
70.000	1865.891	3:54	
70.133	1866.381	4: 2	
70.267	1864.666	4:10	
70.400	1865.891	4:18	
70.533	1865.646	4:26	
70.667	1866.136	4:34	
70.800	1866.626	4:42	
70.933	1865.891	4:50	
71.067	1866.626	4:58	
71.200	1867.362	5: 6	
71.333	1869.322	5:14	
71.467	1867.116	5:22	
71.600	1868.097	5:30	
71.733	1866.871	5:38	
71.867	1869.322	5:46	
72.000	1868.587	5:54	
72.133	1868.587	6: 2	
72.267	1870.057	6:10	
72.400	1893.828	6:18	SWITCH TO SEPARATOR 2
72.533	1888.682	6:26	
72.667	1876.184	6:34	
72.800	1873.243	6:42	
72.933	1871.037	6:50	
73.067	1873.978	6:58	
73.200	1877.409	7: 6	
73.333	1875.939	7:14	
73.467	1877.409	7:22	
73.600	1875.694	7:30	
73.733	1879.369	7:38	
73.867	1847.512	7:46	SWITCH TO SEPARATOR 1
74.000	1843.101	7:54	
74.133	1841.630	8: 2	
74.267	1844.326	8:10	
74.400	1845.061	8:18	
74.533	1845.061	8:26	
74.667	1845.061	8:34	
74.800	1845.061	8:42	
74.933	1845.061	8:50	
75.067	1845.796	8:58	
75.200	1846.041	9: 6	

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DELTA TIME	PRESSURE	TIME	DATE
75.333	1845.796	9:14	2- 7-81
75.467	1845.796	9:22	
75.600	1846.777	9:30	
75.733	1845.796	9:38	
75.867	1845.306	9:46	
76.000	1845.796	9:54	
76.133	1847.022	10: 2	
76.267	1845.796	10:10	
76.400	1846.287	10:18	
76.533	1846.041	10:26	
76.667	1847.512	10:34	
76.800	1846.287	10:42	
76.933	1847.267	10:50	
77.067	1846.777	10:58	
77.200	1846.777	11: 6	
77.333	1847.267	11:14	
77.467	1847.757	11:22	
77.600	1848.002	11:30	
77.733	1847.512	11:38	
77.867	1848.247	11:46	
78.000	1848.247	11:54	
78.133	1847.757	12: 2	
78.267	1847.757	12:10	
78.400	1848.492	12:18	
78.533	1848.002	12:26	
78.667	1848.492	12:34	
78.800	1849.472	12:42	
78.933	1848.982	12:50	
79.067	1849.472	12:58	
79.200	1848.982	13: 6	
79.333	1848.247	13:14	
79.467	1849.717	13:22	
79.600	1849.227	13:30	
79.733	1849.227	13:38	
79.867	1848.982	13:46	
80.133	1849.472	14: 2	
80.267	1849.962	14:10	
80.400	1848.982	14:18	
80.533	1849.717	14:26	
80.667	1849.472	14:34	
80.800	1850.453	14:42	
80.933	1851.188	14:50	
81.067	1850.943	14:58	
81.200	1850.453	15: 6	
81.333	1851.678	15:14	
81.467	1850.943	15:22	
81.600	1851.923	15:30	

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TEST 1, RUN 1. GAUGE 0130, SENSING DEPTH 1570.98 M

DELTA TIME	PRESSURE	TIME	DATE
81.733	1851.433	15:38	2- 7-81
81.867	1853.148	15:46	
82.000	1851.678	15:54	
82.133	1852.413	16: 2	
82.267	1852.413	16:10	
82.400	1851.678	16:18	
82.533	1851.678	16:26	
82.667	1852.168	16:34	
82.800	1852.168	16:42	
82.933	1853.148	16:50	
83.067	1852.903	16:58	
83.200	1852.168	17: 6	
83.333	1851.923	17:14	
83.467	1852.658	17:22	
83.600	1852.168	17:30	
83.733	1853.148	17:38	
83.867	1852.903	17:46	
84.000	1855.599	17:54	
84.133	1853.148	18: 2	
84.267	1854.619	18:10	
84.400	1855.354	18:18	
84.533	1853.883	18:26	
84.667	1854.619	18:34	
84.800	1854.864	18:42	
84.933	1855.599	18:50	
85.067	1854.864	18:58	
85.200	1855.354	19: 6	
85.333	1855.599	19:14	
85.467	1855.599	19:22	
85.600	1856.824	19:30	
85.733	1856.824	19:38	
85.867	1856.334	19:46	
86.000	1857.069	19:54	
86.133	1857.314	20: 2	
86.267	1857.314	20:10	
86.400	1859.030	20:18	
86.533	1857.804	20:26	
86.667	1858.294	20:34	
86.800	1858.785	20:42	
86.933	1859.030	20:50	
87.067	1859.520	20:58	
87.200	1859.275	21: 6	
87.333	1860.255	21:14	
87.467	1859.765	21:22	
87.600	1862.460	21:30	
87.733	1860.500	21:38	
87.867	1861.480	21:46	

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TEST 1, RUN 1. GAUGE 0130, SENSING DEPTH 1570.98 M

DELTA TIME	PRESSURE	TIME	DATE
88.000	1861.725	21:54	2- 7-81
88.133	1861.480	22: 2	
88.267	1862.950	22:10	
88.400	1862.215	22:18	
88.533	1862.950	22:26	
88.667	1863.931	22:34	
88.800	1863.686	22:42	
88.933	1863.931	22:50	
89.067	1865.646	22:58	
89.200	1863.931	23: 6	
89.333	1864.421	23:14	
89.467	1865.156	23:22	
89.600	1865.401	23:30	
89.733	1865.891	23:38	
89.867	1866.136	23:46	
90.000	1866.381	23:54	
90.133	1866.136	0: 2	3- 7-81
90.267	1867.116	0:10	
90.400	1867.362	0:18	
90.533	1867.362	0:26	
90.667	1864.666	0:34	
90.800	1845.551	0:42	CHANGE SAND FILTERS
90.933	1842.611	0:50	
91.067	1843.836	0:58	
91.200	1847.757	1: 6	
91.333	1847.757	1:14	
91.467	1847.512	1:22	
91.600	1848.247	1:30	
91.733	1848.247	1:38	
91.867	1848.247	1:46	
92.000	1848.737	1:54	
92.133	1848.737	2: 2	
92.267	1849.717	2:10	
92.400	1849.717	2:18	
92.533	1849.472	2:26	
92.667	1849.227	2:34	
92.800	1851.188	2:42	
92.933	1850.207	2:50	
93.067	1850.943	2:58	
93.200	1850.943	3: 6	
93.333	1850.453	3:14	
93.467	1850.943	3:22	
93.600	1850.943	3:30	
93.733	1852.658	3:38	
93.867	1851.923	3:46	
94.000	1852.413	3:54	
94.133	1852.413	4: 2	

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DELTA TIME	PRESSURE	TIME	DATE
94.267	1853.393	4:10	3- 7-81
94.400	1853.148	4:18	
94.533	1854.128	4:26	
94.667	1854.864	4:34	
94.800	1856.089	4:42	
94.933	1855.354	4:50	
95.067	1855.599	4:58	
95.200	1856.089	5: 6	
95.333	1856.334	5:14	
95.467	1858.294	5:22	
95.600	1856.824	5:30	
95.733	1857.314	5:38	
95.867	1858.294	5:46	
96.000	1858.049	5:54	
96.133	1858.539	6: 2	
96.267	1859.030	6:10	
96.400	1859.520	6:18	
96.533	1860.010	6:26	
96.667	1860.990	6:34	
96.800	1861.480	6:42	
96.933	1861.480	6:50	
97.067	1861.970	6:58	
97.200	1862.705	7: 6	
97.333	1862.705	7:14	
97.467	1863.441	7:22	
97.600	1864.176	7:30	
97.733	1864.666	7:38	
97.867	1865.646	7:46	
98.000	1866.136	7:54	
98.133	1845.306	8: 2	CHANGE SAND FILTERS
98.267	1845.061	8:10	
98.400	1845.551	8:18	
98.533	1846.041	8:26	
98.667	1846.532	8:34	
98.800	1847.022	8:42	
98.933	1847.022	8:50	
99.067	1848.247	8:58	
99.200	1848.492	9: 6	
99.333	1848.737	9:14	
99.467	1850.207	9:22	
99.600	1849.227	9:30	
99.733	1849.717	9:38	
99.867	1850.453	9:46	
100.000	1850.943	9:54	
100.133	1851.433	10: 2	
100.267	1852.658	10:10	
100.400	1851.433	10:18	

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DELTA TIME	PRESSURE	TIME	DATE
100.533	1852.168	10:26	3- 7-81
100.667	1851.923	10:34	
100.800	1852.168	10:42	
100.933	1853.393	10:50	
101.067	1853.148	10:58	
101.200	1854.373	11: 6	
101.333	1853.883	11:14	
101.467	1854.619	11:22	
101.600	1854.128	11:30	
101.733	1854.373	11:38	
101.867	1854.619	11:46	
102.000	1855.109	11:54	
102.133	1855.109	12: 2	
102.267	1856.089	12:10	
102.400	1856.089	12:18	
102.533	1855.599	12:26	
102.667	1856.334	12:34	
102.800	1855.354	12:42	
102.933	1856.579	12:50	
103.067	1858.049	12:58	
103.200	1857.559	13: 6	
103.333	1857.804	13:14	
103.467	1857.804	13:22	
103.600	1858.294	13:30	
103.733	1858.049	13:38	
103.867	1860.010	13:46	
104.000	1860.990	13:54	
104.133	1859.765	14: 2	
104.267	1860.255	14:10	
104.400	1859.765	14:18	
104.533	1860.990	14:26	
104.667	1862.215	14:34	
104.800	1862.215	14:42	
104.933	1862.215	14:50	
105.067	1862.950	14:58	
105.200	1863.931	15: 6	
105.333	1862.460	15:14	
105.467	1863.931	15:22	
105.600	1863.931	15:30	
105.733	1864.911	15:38	
105.867	1864.666	15:46	
106.000	1864.911	15:54	
106.133	1865.891	16: 2	
106.267	1866.136	16:10	
106.400	1865.891	16:18	
106.533	1866.626	16:26	
106.667	1869.322	16:34	

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TEST 1, RUN 1. GAUGE 0130, SENSING DEPTH 1570.98 M

DELTA TIME	PRESSURE	TIME	DATE
106.800	1868.097	16:42	3- 7-81
107.067	1868.832	16:58	
107.200	1869.077	17: 6	
107.333	1869.567	17:14	
107.467	1848.492	17:22	CHANGE SAND FILTERS
107.600	1847.267	17:30	
107.733	1847.757	17:38	
107.867	1849.472	17:46	
108.000	1849.962	17:54	
108.133	1849.472	18: 2	
108.267	1850.453	18:10	
108.400	1850.453	18:18	
108.533	1850.698	18:26	
108.667	1850.943	18:34	
108.800	1851.188	18:42	
108.933	1851.433	18:50	
109.067	1851.923	18:58	
109.200	1851.923	19: 6	
109.333	1852.413	19:14	
109.467	1852.658	19:22	
109.600	1852.413	19:30	
109.733	1852.658	19:38	
109.867	1852.658	19:46	
110.000	1852.903	19:54	
110.133	1853.638	20: 2	
110.267	1853.638	20:10	
110.400	1854.373	20:18	
110.533	1854.128	20:26	
110.667	1854.619	20:34	
110.800	1855.354	20:42	
110.933	1857.069	20:50	
111.067	1855.599	20:58	
111.200	1855.599	21: 6	
111.333	1856.334	21:14	
111.467	1856.824	21:22	
111.600	1856.334	21:30	
111.733	1856.824	21:38	
111.867	1858.049	21:46	
112.000	1857.069	21:54	
112.133	1856.824	22: 2	
112.267	1857.559	22:10	
112.400	1858.294	22:18	
112.533	1858.539	22:26	
112.667	1858.294	22:34	
112.800	1859.275	22:42	
112.933	1859.275	22:50	
113.067	1860.010	22:58	

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DELTA TIME	PRESSURE	TIME	DATE
113.200	1861.235	23: 6	3- 7-81
113.333	1860.010	23:14	
113.467	1860.010	23:22	
113.600	1860.500	23:30	
113.733	1861.235	23:38	
113.867	1860.745	23:46	
114.000	1861.480	23:54	
114.133	1861.970	0: 2	4- 7-81
114.267	1862.705	0:10	
114.400	1862.460	0:18	
114.533	1862.215	0:26	
114.667	1862.705	0:34	
114.800	1862.215	0:42	
114.933	1863.196	0:50	
115.067	1863.441	0:58	
115.200	1863.686	1: 6	
115.333	1862.460	1:14	
115.467	1862.460	1:22	
115.600	1861.725	1:30	
115.733	1862.950	1:38	
115.867	1863.196	1:46	
116.000	1863.931	1:54	
116.133	1863.196	2: 2	
116.267	1863.686	2:10	
116.400	1864.176	2:18	
116.533	1864.666	2:26	
116.667	1865.156	2:34	
116.800	1864.911	2:42	
116.933	1865.646	2:50	
117.067	1865.401	2:58	
117.200	1864.421	3: 6	
117.333	1866.136	3:14	
117.467	1865.156	3:22	
117.600	1865.156	3:30	
117.733	1865.156	3:38	
117.867	1866.871	3:46	
118.000	1866.871	3:54	
118.133	1854.128	4: 2	
118.267	1843.836	4:10	CHANGE SAND FILTERS
118.400	1842.366	4:18	
118.533	1843.836	4:26	
118.667	1845.306	4:34	
118.800	1844.816	4:42	
118.933	1845.061	4:50	
119.067	1845.551	4:58	
119.200	1845.306	5: 6	
119.333	1847.757	5:14	

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TEST 1, RUN 1. GAUGE 0130, SENSING DEPTH 1570.98 M

DELTA TIME	PRESSURE	TIME	DATE
119.467	1845.061	5:22	4- 7-81
119.600	1845.306	5:30	
119.733	1846.777	5:38	
119.867	1846.532	5:46	
120.000	1845.796	5:54	
120.133	1846.532	6: 2	
120.267	1846.777	6:10	
120.400	1846.532	6:18	
120.533	1847.267	6:26	
120.667	1847.512	6:34	
120.800	1846.777	6:42	
120.933	1846.777	6:50	
121.067	1848.002	6:58	
121.200	1850.698	7: 6	
121.333	1849.472	7:14	
121.467	1848.002	7:22	
121.600	1847.757	7:30	
121.733	1849.717	7:38	
121.867	1848.982	7:46	
122.000	1849.227	7:54	
122.133	1849.472	8: 2	
122.267	1849.227	8:10	
122.400	1851.188	8:18	
122.533	1849.962	8:26	
122.667	1848.982	8:34	
122.800	1850.207	8:42	
122.933	1849.962	8:50	
123.067	1849.962	8:58	
123.200	1849.472	9: 6	
123.333	1850.207	9:14	
123.467	1849.962	9:22	
123.600	1849.717	9:30	
123.733	1849.962	9:38	
123.867	1850.207	9:46	
124.000	1850.453	9:54	
124.133	1850.453	10: 2	
124.267	1851.188	10:10	
124.400	1851.188	10:18	
124.533	1850.943	10:26	
124.667	1852.903	10:34	
124.800	1851.923	10:42	
124.933	1851.923	10:50	
125.067	1851.923	10:58	
125.200	1851.678	11: 6	
125.467	1854.619	11:22	
125.600	1852.168	11:30	
125.733	1851.433	11:38	

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DELTA TIME	PRESSURE	TIME	DATE
125.867	1852.658	11:46	4- 7-81
126.000	1853.148	11:54	
126.133	1853.393	12: 2	
126.267	1855.599	12:10	
126.400	1854.373	12:18	
126.533	1853.393	12:26	
126.667	1855.354	12:34	
126.800	1853.638	12:42	
126.933	1853.883	12:50	
127.067	1853.638	12:58	
127.200	1854.373	13: 6	
127.333	1853.393	13:14	
127.467	1853.393	13:22	
127.600	1854.128	13:30	
127.733	1854.619	13:38	
127.867	1853.148	13:46	
128.000	1853.148	13:54	
128.133	1855.109	14: 2	
128.267	1856.334	14:10	
128.400	1858.539	14:18	
128.533	1859.030	14:26	
128.667	1856.334	14:34	
128.800	1859.765	14:42	
128.933	1857.559	14:50	
129.067	1857.559	14:58	
129.200	1857.804	15: 6	
129.333	1858.049	15:14	
129.467	1858.539	15:22	
129.600	1860.500	15:30	
129.733	1858.294	15:38	
129.867	1859.275	15:46	
130.000	1859.030	15:54	
130.133	1858.539	16: 2	
130.267	1860.010	16:10	
130.400	1859.765	16:18	
130.533	1860.500	16:26	
130.667	1860.010	16:34	
130.800	1858.785	16:42	
131.067	1859.765	16:58	
131.200	1859.030	17: 6	
131.333	1857.559	17:14	
131.467	1859.030	17:22	
131.600	1859.275	17:30	
131.733	1859.275	17:38	
131.867	1859.520	17:46	
132.000	1858.294	17:54	
132.133	1859.030	18: 2	

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TEST 1, RUN 1. GAUGE 0130, SENSING DEPTH 1570.98 M

DELTA TIME	PRESSURE	TIME	DATE
132.267	1859.765	18:10	4- 7-81
132.400	1861.235	18:18	
132.533	1860.500	18:26	
132.667	1860.010	18:34	
132.800	1860.500	18:42	
132.933	1860.745	18:50	
133.067	1861.725	18:58	
133.200	1860.990	19: 6	
133.333	1860.500	19:14	
133.467	1861.970	19:22	
133.600	1861.970	19:30	
133.733	1862.950	19:38	
133.867	1861.970	19:46	
134.000	1862.215	19:54	
134.133	1864.911	20: 2	
134.267	1862.705	20:10	
134.400	1863.931	20:18	
134.533	1863.196	20:26	
134.667	1863.441	20:34	
134.800	1863.931	20:42	
134.933	1862.215	20:50	
135.067	1862.950	20:58	
135.200	1843.836	21: 6	
135.333	1841.385	21:14	
135.467	1842.856	21:22	
135.600	1844.081	21:30	
135.733	1845.061	21:38	
135.867	1845.551	21:46	
136.000	1845.551	21:54	
136.133	1846.777	22: 2	
136.267	1847.022	22:10	
136.400	1848.002	22:18	
136.533	1848.002	22:26	
136.667	1848.247	22:34	
136.800	1848.982	22:42	
136.933	1848.737	22:50	
137.067	1849.472	22:58	
137.200	1849.227	23: 6	
137.333	1849.472	23:14	
137.467	1849.227	23:22	
137.600	1849.472	23:30	
137.733	1849.717	23:38	
137.867	1850.207	23:46	
138.000	1850.207	23:54	
138.133	1850.453	0: 2	5- 7-81
138.400	1850.453	0:18	
138.533	1850.453	0:26	

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TEST 1; RUN 1. GAUGE 0130; SENSING DEPTH 1570.98 M

DELTA TIME	PRESSURE	TIME	DATE
138.667	1852.413	0:34	5- 7-81
138.800	1851.433	0:42	
138.933	1851.433	0:50	
139.067	1851.923	0:58	
139.200	1851.433	1: 6	
139.333	1851.678	1:14	
139.467	1853.393	1:22	
139.600	1852.413	1:30	
139.733	1852.413	1:38	
139.867	1852.168	1:46	
140.000	1853.393	1:54	
140.133	1853.393	2: 2	
140.267	1852.413	2:10	
140.400	1853.148	2:18	
140.533	1853.638	2:26	
140.667	1853.393	2:34	
140.800	1853.638	2:42	
140.933	1853.638	2:50	
141.067	1853.393	2:58	
141.200	1853.638	3: 6	
141.333	1853.148	3:14	
141.467	1853.883	3:22	
141.600	1854.619	3:30	
141.733	1853.883	3:38	
141.867	1853.883	3:46	
142.000	1855.844	3:54	
142.133	1854.864	4: 2	
142.267	1854.619	4:10	
142.400	1855.354	4:18	
142.533	1854.373	4:26	
142.667	1855.599	4:34	
142.800	1855.844	4:42	
142.933	1855.354	4:50	
143.067	1856.089	4:58	
143.200	1856.334	5: 6	
143.333	1855.109	5:14	
143.467	1855.354	5:22	
143.600	1856.824	5:30	
143.733	1855.354	5:38	
143.867	1856.579	5:46	
144.000	1856.334	5:54	
144.133	1856.579	6: 2	
144.267	1857.069	6:10	
144.400	1856.824	6:18	
144.533	1856.579	6:26	
144.667	1857.314	6:34	
144.800	1857.559	6:42	

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TEST 1, RUN 1. GAUGE 0130, SENSING DEPTH 1570.98 M

DELTA TIME	PRESSURE	TIME	DATE
144.933	1858.049	6:50	5- 7-81
145.067	1858.539	6:58	
145.200	1857.804	7: 6	
145.333	1858.294	7:14	
145.467	1860.255	7:22	
145.600	1858.539	7:30	
145.733	1858.539	7:38	
145.867	1858.294	7:46	
146.000	1858.294	7:54	
146.133	1858.294	8: 2	
146.267	1858.785	8:10	
146.400	1858.785	8:18	
146.533	1859.030	8:26	
146.667	1860.255	8:34	
146.800	1859.275	8:42	
146.933	1859.275	8:50	
147.067	1859.765	8:58	
147.200	1860.010	9: 6	
147.333	1861.725	9:14	
147.467	1859.520	9:22	
147.600	1861.235	9:30	
147.733	1860.500	9:38	
147.867	1861.235	9:46	
148.133	1860.990	10: 2	
148.267	1860.500	10:10	
148.400	1860.745	10:18	
148.533	1861.235	10:26	
148.667	1862.705	10:34	
148.800	1861.725	10:42	
148.933	1860.745	10:50	
149.067	1862.215	10:58	
149.200	1861.480	11: 6	
149.467	1861.235	11:22	
149.600	1862.950	11:30	
149.733	1861.725	11:38	
149.867	1861.235	11:46	
150.000	1861.970	11:54	
150.133	1861.970	12: 2	
150.267	1861.970	12:10	
150.400	1862.215	12:18	
150.667	1861.970	12:34	
150.800	1862.460	12:42	
150.933	1861.725	12:50	
151.067	1861.235	12:58	
151.200	1862.705	13: 6	
151.333	1861.970	13:14	
151.467	1862.215	13:22	

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DELTA TIME	PRESSURE	TIME	DATE
151.600	1861.970	13:30	5- 7-81
151.733	1861.970	13:38	
151.867	1862.705	13:46	
152.000	1862.950	13:54	
152.133	1863.196	14: 2	
152.267	1863.196	14:10	
152.400	1862.215	14:18	
152.533	1861.970	14:26	
152.667	1862.215	14:34	
152.800	1863.931	14:42	
152.933	1863.441	14:50	
153.067	1864.421	14:58	
153.200	1863.931	15: 6	
153.333	1865.401	15:14	
153.467	1863.686	15:22	
153.600	1864.176	15:30	
153.733	1865.401	15:38	
153.867	1865.401	15:46	
154.000	1867.116	15:54	
154.133	1866.381	16: 2	
154.267	1866.136	16:10	
154.400	1864.911	16:18	
154.533	1864.911	16:26	
154.667	1864.911	16:34	
154.800	1864.911	16:42	
154.933	1843.346	16:50	
155.200	1840.895	17: 6	
155.333	1844.081	17:14	
155.467	1843.346	17:22	
155.600	1844.081	17:30	
155.733	1844.081	17:38	
155.867	1844.816	17:46	
156.000	1845.551	17:54	
156.133	1846.532	18: 2	
156.267	1846.287	18:10	
156.400	1847.267	18:18	
156.667	1847.512	18:34	
156.800	1847.512	18:42	
156.933	1847.757	18:50	
157.067	1848.247	18:58	
157.200	1848.737	19: 6	
157.333	1848.982	19:14	
157.467	1848.982	19:22	
157.600	1848.737	19:30	
157.733	1849.962	19:38	
157.867	1850.207	19:46	
158.000	1849.962	19:54	

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TEST 1, RUN 1. GAUGE 0130, SENSING DEPTH 1570.98 M

DELTA TIME	PRESSURE	TIME	DATE
158.133	1850.207	20: 2	5- 7-81
158.267	1850.207	20:10	
158.400	1850.453	20:18	
158.533	1850.943	20:26	
158.667	1851.188	20:34	
158.800	1851.188	20:42	
158.933	1852.413	20:50	
159.067	1851.433	20:58	
159.200	1851.433	21: 6	
159.333	1852.658	21:14	
159.467	1852.658	21:22	
159.600	1851.678	21:30	
159.733	1852.413	21:38	
159.867	1851.923	21:46	
160.000	1852.168	21:54	
160.133	1850.698	22: 2	
160.267	1851.923	22:10	
160.400	1853.393	22:18	
160.533	1853.638	22:26	
160.667	1851.923	22:34	
160.800	1852.658	22:42	
160.933	1854.619	22:50	
161.067	1853.148	22:58	
161.200	1853.883	23: 6	
161.333	1854.128	23:14	
161.467	1854.619	23:22	
161.600	1854.373	23:30	
161.733	1853.638	23:38	
161.867	1854.373	23:46	
162.000	1854.619	23:54	
162.133	1854.864	0: 2	6- 7-81
162.267	1854.619	0:10	
162.400	1854.864	0:18	
162.533	1855.844	0:26	
162.667	1856.089	0:34	
162.800	1856.579	0:42	
162.933	1858.294	0:50	
163.200	1856.089	1: 6	
163.333	1857.314	1:14	
163.467	1857.559	1:22	
163.600	1858.049	1:30	
163.733	1857.804	1:38	
163.867	1856.824	1:46	
164.000	1856.824	1:54	
164.133	1858.539	2: 2	
164.267	1857.314	2:10	
164.400	1858.294	2:18	

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TEST 1, RUN 1. GAUGE 0130, SENSING DEPTH 1570.98 M

DELTA TIME	PRESSURE	TIME	DATE
164.533	1857.804	2:26	6- 7-81
164.667	1857.804	2:34	
164.800	1859.030	2:42	
164.933	1858.049	2:50	
165.067	1858.294	2:58	
165.200	1859.030	3: 6	
165.333	1858.294	3:14	
165.467	1858.785	3:22	
165.600	1860.010	3:30	
165.733	1859.275	3:38	
165.867	1860.255	3:46	
166.000	1859.275	3:54	
166.133	1860.010	4: 2	
166.267	1860.010	4:10	
166.400	1860.500	4:18	
166.533	1856.579	4:26	
166.667	1858.049	4:34	
166.800	1858.785	4:42	
166.933	1859.520	4:50	
167.067	1859.275	4:58	
167.200	1858.539	5: 6	
167.333	1857.559	5:14	
167.600	1859.030	5:30	
167.733	1861.725	5:38	
167.867	1860.010	5:46	
168.000	1859.030	5:54	
168.133	1859.520	6: 2	
168.267	1860.745	6:10	
168.400	1859.765	6:18	
168.533	1861.235	6:26	
168.667	1859.275	6:34	
168.800	1860.255	6:42	
168.933	1860.010	6:50	
169.067	1860.255	6:58	
169.200	1860.010	7: 6	
169.333	1860.500	7:14	
169.467	1860.010	7:22	
169.600	1860.500	7:30	
169.733	1860.010	7:38	
169.867	1860.500	7:46	
170.000	1860.500	7:54	
170.133	1860.500	8: 2	
170.267	1860.010	8:10	
170.400	1860.990	8:18	
170.533	1860.745	8:26	
170.667	1861.725	8:34	
170.800	1860.255	8:42	

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NORSKE SHELL A/S
WILDCAT
31/2-5

OFFSHORE NORWAY
29 JUNE 1981
MRPG-903-NOR

TEST 1, RUN 1. GAUGE 0130, SENSING DEPTH 1570.98 M

DELTA TIME	PRESSURE	TIME	DATE
170.933	1860.500	8:50	6- 7-81
171.067	1861.235	8:58	
171.200	1860.745	9: 6	
171.333	1861.725	9:14	
171.467	1862.950	9:22	
171.600	1861.725	9:30	
171.733	1860.255	9:38	
171.867	1860.500	9:46	
172.000	1862.215	9:54	
172.133	1862.215	10: 2	
172.267	1860.990	10:10	
172.400	1861.725	10:18	
172.533	1861.725	10:26	
172.667	1862.215	10:34	
172.800	1862.460	10:42	
172.933	1862.460	10:50	
173.067	1861.970	10:58	
173.200	1862.215	11: 6	
173.333	1862.460	11:14	
173.467	1861.725	11:22	
173.600	1861.725	11:30	
173.733	1862.215	11:38	
173.867	1861.725	11:46	
174.000	1861.970	11:54	
174.133	1862.460	12: 2	
174.267	1862.950	12:10	
174.400	1863.686	12:18	
174.533	1861.970	12:26	

WELL SHUT IN

SPERRY-SUN INTERNATIONAL INC.
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NORSKE SHELL A/S
WILDCAT
31/2-5

OFFSHORE NORWAY
29 JUNE 1981
MRPG-903-NOR

TEST 1, RUN 1. GAUGE 0130, SENSING DEPTH 1570.98 M

DELTA TIME	PRESSURE	TIME	DATE
0.000	1861.970	12:26	6- 7-81 WELL SHUT IN
0.133	2266.071	12:34	
0.267	2272.933	12:42	
0.400	2273.668	12:50	
0.533	2273.913	12:58	
0.667	2273.913	13: 6	
0.800	2273.913	13:14	
0.933	2274.893	13:22	
1.067	2275.138	13:30	
1.200	2274.403	13:38	
1.333	2276.118	13:46	
1.467	2274.893	13:54	
1.600	2274.893	14: 2	
1.733	2274.893	14:10	
1.867	2274.893	14:18	
2.000	2274.893	14:26	
2.133	2274.893	14:34	
2.267	2274.648	14:42	
2.400	2274.893	14:50	
2.533	2274.158	14:58	
2.667	2276.608	15: 6	GAUGE OFF BOTTOM