

Denne rapport
tilhører



L&U DOK. SENTER

L. NR. 30284120001

KODE Well 31/2-3 nr 33

Returneres etter bruk

sperry-sun internati

PRESSURE SURVEY REPORT

for

NORSKE SHELL A/S

WELL NO. 31/2-3

DATE: 4 JUNE 1980

TEST NO. 1, RUN NO. 1



(A Sperry-Sun Company)

Precision Instruments / Professional Service

SPERRY-SUN INTERNATIONAL INC.
 PRESSURE TEST DATA SUMMARY

COMPANY: NORSKE SHELL DATE: 4 JUNE 1980
 FIELD: WILDCAT WELL NO: 31/2-3 JOB NO: MRPG-554-NOR
 TEST TYPE: FLOW MAX. B.H.T. 149 °F TEST NO: 1 RUN NO: 1

	TOP	MIDDLE	BOTTOM
GAUGE TYPE/NO.	MRPG/0012	-	AMERADA
PRESSURE SENSING DEPTH	1558.5 Metres		
ELEMENT RANGE	4000 P.S.I		
TIME MODE	4 Minutes		
BATTERY TYPE	ALKALINE		

EVENT	SURFACE TIMES & DATES		TEMPERATURE °F
GAUGE SEATED IN NIPPLE, WELL OPEN ON 4/64" CHOKE.	23:55	4-6-80	144
CHANGE TO 8/64" CHOKE	03:00	5-6-80	144
CHANGE TO 4/64" CHOKE	05:14	5-6-80	145
CHANGE TO 8/64" CHOKE	09:37	5-6-80	146
GAUGE UNSEATED	16:17	6-6-80	149

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

S.P.G. REPORTED PRESSURES ARE RELATIVE TO TIME GRADIENT CALCULATED

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 MAGNETIC RECORDING PRESSURE GAUGE REPORT

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OFFSHORE NORWAY
 4 JUNE 1980
 MRPG-554-NOR

OIL ZONE; PRESSURE TEST 1; RUN 1; GAUGE 0012; SENSING DEPTH 1558.5 METRES RKB.

DELTA TIME	PRESSURE	TIME	DATE	
0.000	2016.586	23:57	4-6-80	GAUGE SEATED IN NIPPLE 23:55.
0.067	2008.429	0:1	5-6-80	WELL OPEN ON 4/64" CHOKE
0.133	2011.896	0:5		
0.200	2013.323	0:9		
0.267	2013.323	0:13		
0.333	2013.119	0:17		
0.400	2012.916	0:21		
0.467	2012.712	0:25		
0.533	2013.119	0:29		
0.600	2012.508	0:33		
0.667	2012.304	0:37		
0.733	2012.100	0:41		
0.800	2011.692	0:45		
0.867	2011.692	0:49		
0.933	2011.090	0:53		
1.000	2010.876	0:57		
1.067	2010.672	1:1		
1.133	2009.857	1:5		
1.200	2009.857	1:9		
1.267	2009.449	1:13		
1.333	2008.837	1:17		
1.400	2008.837	1:21		
1.467	2007.817	1:25		
1.533	2007.613	1:29		
1.600	2006.798	1:33		
1.667	2005.778	1:37		
1.733	2005.574	1:41		
1.800	2005.166	1:45		
1.867	2003.942	1:49		
1.933	2003.127	1:53		
2.000	2002.515	1:57		
2.067	2001.699	2:1		
2.133	2000.680	2:5		
2.200	1999.660	2:9		
2.267	1998.844	2:13		
2.333	1997.825	2:17		
2.400	1996.193	2:21		
2.467	1995.173	2:25		
2.533	1993.542	2:29		
2.600	1992.522	2:33		
2.667	1991.503	2:37		
2.733	1990.075	2:41		
2.800	1988.444	2:45		
2.867	1987.016	2:49		
2.933	1985.385	2:53		
3.000	1983.753	2:57		

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OIL ZONE: PRESSURE TEST 1; RUN 1; GAUGE 0012; SENSING DEPTH 1558.5 METRES RKB.

DELTA TIME	PRESSURE	TIME	DATE
3.067	1982.122	3: 1	5- 6-80 CHANGE TO 8/64" CHOKE AT 03:00
3.133	1980.082	3: 5	
3.200	1978.043	3: 9	
3.267	1976.208	3:13	
3.333	1972.741	3:17	
3.400	1970.701	3:21	
3.467	1969.274	3:25	
3.533	1967.642	3:29	
3.600	1966.623	3:33	
3.667	1965.603	3:37	
3.733	1964.379	3:41	
3.800	1963.768	3:45	
3.867	1963.360	3:49	
3.933	1962.340	3:53	
4.000	1962.544	3:57	
4.067	1962.340	4: 1	
4.133	1962.952	4: 5	
4.200	1963.156	4: 9	
4.267	1962.748	4:13	
4.333	1963.360	4:17	
4.400	1964.176	4:21	
4.467	1964.583	4:25	
4.533	1965.195	4:29	
4.600	1965.399	4:33	
4.667	1966.011	4:37	
4.733	1966.827	4:41	
4.800	1967.642	4:45	
4.867	1969.070	4:49	
4.933	1971.517	4:53	
5.000	1974.576	4:57	
5.067	1977.431	5: 1	
5.133	1980.490	5: 5	
5.200	1979.063	5: 9	
5.267	1975.596	5:13	
5.333	1977.023	5:17	
5.400	1986.404	5:21	CHANGE TO 4/64" CHOKE AT 05:14
5.467	1992.522	5:25	
5.533	1997.213	5:29	
5.600	2004.146	5:33	
5.667	2009.857	5:37	
5.733	2014.955	5:41	
5.800	2019.237	5:45	
5.867	2025.967	5:49	
5.933	2031.270	5:53	
6.000	2035.756	5:57	
6.067	2040.039	6: 1	
6.133	2042.690	6: 5	

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OIL ZONE: PRESSURE TEST 1; RUN 1; GAUGE 0012; SENSING DEPTH 1558.5 METRES RKB.

DELTA TIME	PRESSURE	TIME	DATE
6.200	2045.953	6: 9	5- 6-80
6.267	2048.604	6:13	
6.333	2054.314	6:17	
6.400	2056.353	6:21	
6.467	2060.432	6:25	
6.533	2062.879	6:29	
6.600	2065.734	6:33	
6.667	2068.589	6:37	
6.733	2071.648	6:41	
6.800	2075.115	6:45	
6.867	2077.766	6:49	
6.933	2078.378	6:53	
7.000	2081.641	6:57	
7.067	2082.865	7: 1	
7.133	2085.720	7: 5	
7.200	2087.351	7: 9	
7.267	2087.963	7:13	
7.333	2091.226	7:17	
7.400	2091.430	7:21	
7.467	2093.469	7:25	
7.533	2095.304	7:29	
7.600	2096.936	7:33	
7.667	2098.567	7:37	
7.733	2100.403	7:41	
7.800	2100.403	7:45	
7.867	2101.830	7:49	
7.933	2102.850	7:53	
8.000	2104.074	7:57	
8.067	2105.705	8: 1	
8.133	2105.909	8: 5	
8.200	2106.725	8: 9	
8.267	2108.152	8:13	
8.333	2109.172	8:17	
8.400	2110.192	8:21	
8.533	2111.619	8:29	
8.667	2114.678	8:37	
8.733	2114.474	8:41	
8.800	2116.106	8:45	
8.867	2117.125	8:49	
8.933	2116.921	8:53	
9.000	2118.961	8:57	
9.067	2119.980	9: 1	
9.133	2121.204	9: 5	
9.200	2112.843	9: 9	
9.267	2097.344	9:13	
9.333	2082.661	9:17	
9.400	2072.056	9:21	

CHANGE TO ADJUSTABLE
CHOKE AT 09:05

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DELTA TIME	PRESSURE	TIME	DATE
9.467	2062.879	9:25	5- 6-80
9.533	2054.518	9:29	
9.600	2050.031	9:33	
9.667	2043.709	9:37	
9.733	2043.098	9:41	
9.800	2042.078	9:45	
9.867	2042.078	9:49	
9.933	2041.262	9:53	
10.000	2040.447	9:57	
10.067	2039.019	10: 1	
10.133	2037.184	10: 5	
10.200	2035.960	10: 9	
10.267	2033.309	10:13	
10.333	2031.473	10:17	
10.400	2030.046	10:21	
10.467	2028.211	10:25	
10.533	2027.395	10:29	
10.600	2025.559	10:33	
10.667	2023.520	10:37	
10.733	2023.112	10:41	
10.800	2022.296	10:45	
10.867	2021.889	10:49	
10.933	2020.665	10:53	
11.000	2019.034	10:57	
11.067	2019.237	11: 1	
11.133	2018.014	11: 5	
11.200	2017.810	11: 9	
11.267	2016.382	11:13	
11.333	2014.955	11:17	
11.400	2015.363	11:21	
11.467	2015.159	11:25	
11.533	2014.139	11:29	
11.600	2013.731	11:33	
11.667	2012.508	11:37	
11.733	2012.304	11:41	
11.800	2012.100	11:45	
11.867	2011.488	11:49	
11.933	2011.080	11:53	
12.000	2010.468	11:57	
12.067	2009.653	12: 1	
12.133	2010.876	12: 5	
12.200	1999.660	12: 9	
12.267	1994.969	12:13	
12.333	1993.542	12:17	
12.400	1993.746	12:21	
12.467	1994.766	12:25	
12.533	1994.766	12:29	

CHANGE TO 8/64" CHOKE AT 09:37

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OIL ZONE; PRESSURE TEST 1; RUN 1; GAUGE 0012; SENSING DEPTH 1558.5 METRES RKB.

DELTA TIME	PRESSURE	TIME	DATE
12.600	1994.969	12:33	5- 6-80
12.667	1994.358	12:37	
12.733	1993.134	12:41	
12.800	1991.503	12:45	
12.867	1992.318	12:49	
12.933	1991.707	12:53	
13.000	1992.522	12:57	
13.067	1992.930	13: 1	
13.133	1993.950	13: 5	
13.200	1993.950	13: 9	
13.267	1994.358	13:13	
13.333	1994.358	13:17	
13.400	1995.173	13:21	
13.467	1995.581	13:25	
13.533	1995.785	13:29	
13.600	1996.805	13:33	
13.667	1999.028	13:37	
13.733	1998.640	13:41	
13.800	1999.456	13:45	
13.867	1999.864	13:49	
13.933	2000.068	13:53	
14.000	2001.291	13:57	
14.067	2002.311	14: 1	
14.133	2003.127	14: 5	
14.200	2004.962	14: 9	
14.267	2005.574	14:13	
14.333	2006.798	14:17	
14.400	2007.409	14:21	
14.467	2008.429	14:25	
14.533	2009.653	14:29	
14.600	2011.284	14:33	
14.667	2012.304	14:37	
14.733	2013.731	14:41	
14.800	2013.731	14:45	
14.867	2015.363	14:49	
14.933	1975.800	14:53	
15.000	2017.810	14:57	
15.067	2019.645	15: 1	
15.133	2020.665	15: 5	
15.200	2021.685	15: 9	
15.267	2022.704	15:13	
15.333	2023.724	15:17	
15.400	2025.355	15:21	
15.467	2025.967	15:25	
15.533	2026.579	15:29	
15.600	2028.414	15:33	
15.667	2031.270	15:37	

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DELTA TIME	PRESSURE	TIME	DATE
15.733	2031.270	15:41	5-6-80
15.800	2033.717	15:45	
15.867	2033.513	15:49	
15.933	2036.164	15:53	
16.000	2035.960	15:57	
16.067	2038.815	16: 1	
16.133	2038.611	16: 5	
16.200	2039.631	16: 9	
16.267	2041.466	16:13	
16.333	2041.058	16:17	
16.400	2042.486	16:21	
16.467	2042.078	16:25	
16.533	2045.137	16:29	
16.600	2045.341	16:33	
16.667	2043.709	16:37	
16.733	2046.157	16:41	
16.800	2046.768	16:45	
16.867	2046.972	16:49	
16.933	2045.953	16:53	
17.000	2047.992	16:57	
17.067	2047.992	17: 1	
17.133	2048.808	17: 5	
17.200	2048.196	17: 9	
17.267	2049.623	17:13	
17.333	2046.768	17:17	
17.400	2050.031	17:21	
17.467	2050.031	17:25	
17.533	2049.827	17:29	
17.600	2049.420	17:33	
17.667	2052.071	17:37	
17.733	2050.235	17:41	
17.800	2050.847	17:45	
17.867	2049.827	17:49	
17.933	2047.788	17:53	
18.000	2050.643	17:57	
18.067	2049.623	18: 1	
18.133	2048.808	18: 5	
18.200	2047.788	18: 9	
18.267	2048.400	18:13	
18.333	2048.400	18:17	
18.400	2050.235	18:21	
18.467	2049.216	18:25	
18.533	2048.604	18:29	
18.600	2048.808	18:33	
18.667	2047.176	18:37	
18.733	2050.031	18:41	
18.800	2049.827	18:45	

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DELTA TIME	PRESSURE	TIME	DATE
18.867	2049.623	18:49	5-6-80
18.933	2049.216	18:53	
19.000	2048.604	18:57	
19.067	2047.992	19: 1	
19.133	2047.380	19: 5	
19.200	2045.749	19: 9	
19.267	2046.768	19:13	
19.333	2048.604	19:17	
19.400	2048.400	19:21	
19.467	2048.808	19:25	
19.533	2050.031	19:29	
19.600	2049.623	19:33	
19.667	2050.643	19:37	
19.733	2051.867	19:41	
19.800	2050.439	19:45	
19.867	2051.051	19:49	
19.933	2048.604	19:53	
20.000	2049.012	19:57	
20.067	2052.071	20: 1	
20.133	2052.886	20: 5	
20.200	2051.663	20: 9	
20.267	2049.420	20:13	
20.333	2047.788	20:17	
20.400	2050.439	20:21	
20.467	2050.235	20:25	
20.533	2051.255	20:29	
20.600	2049.623	20:33	
20.667	2052.682	20:37	
20.733	2048.196	20:41	
20.800	2049.827	20:45	
20.867	2049.216	20:49	
20.933	2050.643	20:53	
21.000	2048.400	20:57	
21.067	2048.808	21: 1	
21.133	2047.992	21: 5	
21.200	2047.584	21: 9	
21.267	2046.972	21:13	
21.333	2046.768	21:17	
21.400	2049.623	21:21	
21.467	2048.604	21:25	
21.533	2048.808	21:29	
21.600	2048.808	21:33	
21.667	2047.176	21:37	
21.733	2050.031	21:41	
21.800	2052.071	21:45	
21.867	2050.847	21:49	
21.933	2050.031	21:53	

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DELTA TIME	PRESSURE	TIME	DATE
22.000	2050.439	21:57	5- 6-80
22.067	2051.051	22: 1	
22.133	2051.255	22: 5	
22.200	2051.255	22: 9	
22.267	2052.275	22:13	
22.333	2052.682	22:17	
22.400	2052.479	22:21	
22.467	2053.906	22:25	
22.533	2052.682	22:29	
22.600	2051.459	22:33	
22.733	2052.071	22:41	
22.800	2052.479	22:45	
22.867	2050.439	22:49	
22.933	2051.051	22:53	
23.000	2051.867	22:57	
23.067	2053.294	23: 1	
23.133	2053.090	23: 5	
23.200	2053.090	23: 9	
23.267	2050.439	23:13	
23.333	2049.216	23:17	
23.533	2049.012	23:29	
23.600	2049.027	23:33	
23.667	2047.176	23:37	
23.733	2049.216	23:41	
23.800	2050.847	23:45	
24.000	2050.643	23:57	
24.067	2051.653	0: 1	6- 6-80
24.133	2054.110	0: 5	
24.200	2053.090	0: 9	
24.267	2053.294	0:13	
24.333	2054.518	0:17	
24.400	2054.314	0:21	
24.467	2055.130	0:25	
24.533	2056.353	0:29	
24.667	2053.498	0:37	
24.933	2057.169	0:53	
25.000	2056.557	0:57	
25.067	2056.557	1: 1	
25.133	2057.577	1: 5	
25.200	2057.985	1: 9	
25.267	2057.985	1:13	
25.333	2057.781	1:17	
25.400	2058.597	1:21	
25.467	2057.577	1:25	
25.533	2058.393	1:29	
25.600	2059.004	1:33	
25.667	2058.393	1:37	

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DELTA TIME	PRESSURE	TIME	DATE
25.733	2058.393	1:41	6- 6-80
25.800	2057.577	1:45	
25.867	2060.024	1:49	
25.933	2057.169	1:53	
26.000	2059.004	1:57	
26.067	2060.636	2: 1	
26.133	2060.432	2: 5	
26.200	2060.636	2: 9	
26.267	2060.636	2:13	
26.333	2060.228	2:17	
26.400	2061.452	2:21	
26.467	2059.412	2:25	
26.533	2060.228	2:29	
26.600	2059.820	2:33	
26.667	2060.840	2:37	
26.733	2060.228	2:41	
26.800	2060.228	2:45	
26.867	2060.636	2:49	
26.933	2060.024	2:53	
27.000	2059.004	2:57	
27.067	2059.208	3: 1	
27.133	2058.189	3: 5	
27.200	2058.800	3: 9	
27.267	2059.616	3:13	
27.333	2059.820	3:17	
27.400	2060.024	3:21	
27.467	2060.636	3:25	
27.533	2060.636	3:29	
27.600	2060.228	3:33	
27.667	2060.636	3:37	
27.733	2060.024	3:41	
27.800	2060.840	3:45	
27.867	2060.636	3:49	
27.933	2060.636	3:53	
28.000	2062.063	3:57	
28.067	2060.228	4: 1	
28.133	2061.656	4: 5	
28.200	2062.675	4: 9	
28.267	2064.511	4:13	
28.333	2064.918	4:17	
28.400	2064.918	4:21	
28.467	2063.899	4:25	
28.533	2064.918	4:29	
28.600	2064.511	4:33	
28.667	2064.918	4:37	
28.733	2064.103	4:41	
28.800	2065.122	4:45	

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OIL ZONE: PRESSURE TEST 1; RUN 1; GAUGE 0012; SENSING DEPTH 1558.5 METRES RKB.

DELTA TIME	PRESSURE	TIME	DATE
28.867	2065.122	4:49	6-6-80
28.933	2064.307	4:53	
29.000	2064.918	4:57	
29.067	2064.918	5:1	
29.133	2064.918	5:5	
29.200	2064.511	5:9	
29.267	2063.899	5:13	
29.333	2063.491	5:17	
29.400	2063.899	5:21	
29.467	2063.695	5:25	
29.533	2063.491	5:29	
29.600	2064.103	5:33	
29.667	2063.899	5:37	
29.733	2065.122	5:41	
29.800	2065.938	5:45	
29.867	2067.366	5:49	
29.933	2065.938	5:53	
30.000	2065.734	5:57	
30.067	2065.530	6:1	
30.133	2066.346	6:5	
30.200	2064.918	6:9	
30.267	2064.715	6:13	
30.333	2064.715	6:17	
30.400	2063.695	6:21	
30.467	2065.734	6:25	
30.533	2066.754	6:29	
30.600	2067.162	6:33	
30.667	2067.366	6:37	
30.733	2064.918	6:41	
30.800	2064.307	6:45	
30.867	2061.656	6:49	
30.933	2064.103	6:53	
31.000	2065.122	6:57	
31.067	2062.675	7:1	
31.133	2064.103	7:5	
31.200	2064.715	7:9	
31.267	2066.754	7:13	
31.333	2065.326	7:17	
31.400	2066.754	7:21	
31.467	2066.958	7:25	
31.533	2067.774	7:29	
31.600	2067.774	7:33	
31.667	2064.918	7:37	
31.733	2064.918	7:41	
31.800	2065.530	7:45	
31.867	2065.938	7:49	
31.933	2067.162	7:53	

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DELTA TIME	PRESSURE	TIME	DATE
32.000	2064.918	7:57	6-6-80
32.067	2065.938	8:1	
32.133	2066.142	8:5	
32.200	2067.366	8:9	
32.267	2067.977	8:13	
32.333	2067.570	8:17	
32.400	2068.181	8:21	
32.467	2068.589	8:25	
32.533	2069.813	8:29	
32.600	2070.017	8:33	
32.667	2070.221	8:37	
32.733	2071.036	8:41	
32.800	2070.629	8:45	
32.867	2071.444	8:49	
32.933	2070.017	8:53	
33.000	2070.221	8:57	
33.067	2071.036	9:1	
33.133	2070.833	9:5	
33.200	2071.036	9:9	
33.267	2071.240	9:13	
33.333	2071.444	9:17	
33.400	2071.036	9:21	
33.467	2071.444	9:25	
33.533	2072.056	9:29	
33.600	2072.056	9:33	
33.667	2072.464	9:37	
33.733	2071.648	9:41	
33.800	2070.423	9:45	
33.867	2071.036	9:49	
33.933	2072.056	9:53	
34.000	2072.260	9:57	
34.067	2072.464	10:1	
34.133	2072.260	10:5	
34.200	2072.464	10:9	
34.267	2072.464	10:13	
34.333	2072.260	10:17	
34.400	2072.464	10:21	
34.467	2072.668	10:25	
34.533	2073.280	10:29	
34.600	2073.280	10:33	
34.667	2072.056	10:37	
34.733	2071.648	10:41	
34.800	2071.852	10:45	
34.867	2070.221	10:49	
34.933	2070.833	10:53	
35.000	2072.464	10:57	
35.067	2072.464	11:1	

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DELTA TIME	PRESSURE	TIME	DATE
35.133	2070.221	11: 5	6- 6-80
35.200	2071.036	11: 9	
35.267	2070.629	11:13	
35.333	2072.668	11:17	
35.400	2073.076	11:21	
35.467	2072.260	11:25	
35.533	2072.464	11:29	
35.600	2072.260	11:33	
35.667	2071.852	11:37	
35.733	2072.464	11:41	
35.800	2071.444	11:45	
35.867	2070.629	11:49	
35.933	2070.629	11:53	
36.000	2070.425	11:57	
36.067	2069.405	12: 1	
36.133	2071.648	12: 5	
36.200	2073.076	12: 9	
36.267	2073.280	12:13	
36.333	2073.688	12:17	
36.400	2073.076	12:21	
36.467	2073.280	12:25	
36.533	2073.688	12:29	
36.600	2073.076	12:33	
36.667	2072.668	12:37	
36.733	2072.464	12:41	
36.800	2071.648	12:45	
36.867	2071.444	12:49	
36.933	2072.668	12:53	
37.000	2073.076	12:57	
37.067	2074.095	13: 1	
37.133	2073.280	13: 5	
37.200	2073.280	13: 9	
37.267	2074.095	13:13	
37.333	2074.503	13:17	
37.400	2074.911	13:21	
37.467	2074.095	13:25	
37.533	2074.095	13:29	
37.600	2073.688	13:33	
37.667	2073.484	13:37	
37.733	2071.444	13:41	
37.800	2073.076	13:45	
37.867	2073.688	13:49	
37.933	2074.095	13:53	
38.000	2074.299	13:57	
38.067	2074.095	14: 1	
38.133	2074.503	14: 5	
38.200	2074.707	14: 9	

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DELTA TIME	PRESSURE	TIME	DATE
38.267	2074.299	14:13	6-6-80
38.333	2072.872	14:17	
38.400	2073.484	14:21	
38.467	2072.668	14:25	
38.533	2071.648	14:29	
38.600	2072.260	14:33	
38.667	2072.260	14:37	
38.733	2071.852	14:41	
38.800	2072.260	14:45	
38.867	2071.240	14:49	
38.933	2071.852	14:53	
39.000	2070.833	14:57	
39.067	2072.668	15: 1	
39.133	2073.484	15: 5	
39.200	2073.280	15: 9	
39.267	2074.911	15:13	
39.333	2074.911	15:17	
39.400	2074.707	15:21	
39.467	2074.911	15:25	
39.533	2074.707	15:29	
39.600	2075.115	15:33	
39.667	2075.115	15:37	
39.733	2074.095	15:41	
39.800	2074.095	15:45	
39.867	2072.668	15:49	
39.933	2072.872	15:53	
40.000	2073.484	15:57	
40.067	2074.299	16: 1	
40.133	2077.154	16: 5	
40.200	2079.194	16: 9	
40.267	2082.865	16:13	
40.333	2075.319	16:17	

GAUGES UNSEATED AT 16:17