

sperry-sun internati

Denne rapport
tilhører

STATOIL

L&U DOK. SENTER

L. NR. 20088390028

KODE Well 31/2-3 nr 40

Returneres etter bruk

PRESSURE SURVEY REPORT

for

NORSKE SHELL A/S

WELL NO. 31/2-3

DATE: 8 JULY 1980

TEST NO: CLEAN SAND ZONE.

RUN 4.



(A Sperry-Sun Company)

Precision Instruments / Professional Service



PRESSURE TEST DATA SUMMARY

COMPANY: NORSKE SHELL DATE: 8/7/80

FIELD: WILDCAT WELL NO: 31/2 - 3 JOB NO: MRPG - 593 - NOR

TEST TYPE: WIRE LINE DST TEST NO: 3 RUN NO: 4 MAX B.H.T. 146 °F

PERFORATION INTERVAL: 1435 - 1460 ZONE: CLEAN SAND

	TOP	MIDDLE	BOTTOM
GAUGE TYPE/NO.	<u>0011</u>	<u>0028</u>	<u>(AMERADA)</u>
PRESSURE SENSING DEPTH (RKB)	<u>1401.3 M</u>	<u>1403.6 M</u>	
ELEMENT SIZE	<u>4000</u>	<u>5000</u>	
TIME MODE	<u>FST. 15 SEC.</u>	<u>30 SEC.</u>	
BATTERY TYPE	<u>ALKALINE</u>	<u>ALKALINE</u>	

EVENT	SURFACE TIMES & DATES		TEMP. °F
GAUGES RELEASED ON F NIPPLE	05:13	9/7/80	NO TEMP RECORDED
WELL OPENED ON 46/64 ADJ. CHOKE	06:00	"	"
WELL OPENED TO MAX. CHOKE	07:02	"	"
WELL SHUT IN	08:02	"	"
GAUGES OFF BOTTOM	11:24	"	"

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

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

SPERRY-SUN INTERNATIONAL INC.
MAGNETIC RECORDING PRESSURE GAUGE REPORT

PAGE 1

A/S NORSKE SHELL
WILDCAT
31/2-3

NORTH SEA
9 JULY 1980
MRPG-598-NOR

WIRELINE D.S.T. RUN 4, GAUGE 0028, SENSING DEPTH 1403.6 M (RKB)

DELTA TIME	PRESSURE	TIME	DATE
0.000	2245.730	5:14	9-7-80 GAUGE ON BOTTOM
0.008	2245.730	5:14	
0.017	2245.246	5:15	
0.025	2245.488	5:15	
0.033	2245.730	5:16	
0.042	2245.246	5:16	
0.050	2245.488	5:17	
0.058	2245.972	5:17	
0.067	2246.213	5:18	
0.075	2245.972	5:18	
0.083	2246.213	5:19	
0.092	2246.213	5:19	
0.100	2245.972	5:20	
0.108	2246.455	5:20	
0.117	2246.213	5:21	
0.125	2246.213	5:21	
0.133	2245.730	5:22	
0.142	2245.972	5:22	
0.150	2245.972	5:23	
0.158	2245.972	5:23	
0.167	2245.730	5:24	
0.175	2246.213	5:24	
0.183	2246.213	5:25	
0.192	2246.455	5:25	
0.200	2245.972	5:26	
0.208	2246.213	5:26	
0.217	2245.972	5:27	
0.225	2246.213	5:27	
0.233	2246.455	5:28	
0.242	2246.697	5:28	
0.250	2246.455	5:29	
0.258	2246.213	5:29	
0.267	2246.455	5:30	
0.275	2246.455	5:30	
0.283	2246.213	5:31	
0.292	2246.455	5:31	
0.300	2246.455	5:32	
0.308	2246.697	5:32	
0.317	2246.455	5:33	
0.325	2246.455	5:33	
0.333	2246.455	5:34	
0.342	2246.455	5:34	
0.350	2246.455	5:35	
0.358	2246.455	5:35	
0.367	2246.213	5:36	
0.375	2246.697	5:36	

SPERRY-SUN INTERNATIONAL INC.
MAGNETIC RECORDING PRESSURE GAUGE REPORT

PAGE 2

A/S NORSKE SHELL
WILDCAT
31/2-3

NORTH SEA
9 JULY 1980
MRPG-598-NOR

WIRELINE D.S.T. RUN 4, GAUGE 0028, SENSING DEPTH 1403.6 M (RKB)

DELTA TIME	PRESSURE	TIME	DATE
0.383	2246.455	5:37	9-7-80
0.392	2246.455	5:37	
0.400	2246.455	5:38	
0.408	2246.455	5:38	
0.417	2246.455	5:39	
0.425	2246.455	5:39	
0.433	2246.213	5:40	
0.442	2246.697	5:40	
0.450	2246.697	5:41	
0.458	2246.213	5:41	
0.467	2246.455	5:42	
0.475	2246.455	5:42	
0.483	2246.697	5:43	
0.492	2246.939	5:43	
0.500	2246.939	5:44	
0.508	2246.455	5:44	
0.517	2246.455	5:45	
0.525	2246.213	5:45	
0.533	2246.455	5:46	
0.542	2246.697	5:46	
0.550	2246.697	5:47	
0.558	2246.455	5:47	
0.567	2246.213	5:48	
0.575	2246.455	5:48	
0.583	2246.455	5:49	
0.592	2246.697	5:49	
0.600	2246.697	5:50	
0.608	2246.697	5:50	
0.617	2246.455	5:51	
0.625	2246.213	5:51	
0.633	2245.972	5:52	
0.642	2246.455	5:52	
0.650	2246.697	5:53	
0.658	2246.939	5:53	
0.667	2246.697	5:54	
0.675	2245.972	5:54	
0.683	2246.455	5:55	
0.692	2246.697	5:55	
0.700	2246.697	5:56	
0.708	2246.939	5:56	
0.717	2246.697	5:57	
0.725	2247.181	5:57	
0.733	2246.939	5:58	
0.742	2246.697	5:58	
0.750	2246.939	5:59	
0.758	2247.181	5:59	
0.767	2246.939	6:0	

SFERRY-SUN INTERNATIONAL INC.
MAGNETIC RECORDING PRESSURE GAUGE REPORT

PAGE 3

A/S NORSKE SHELL
WILDCAT
31/2-3

NORTH SEA
9 JULY 1980
MRPG-598-NOR

WIRELINE D.S.T. RUN 4, GAUGE 0028, SENSING DEPTH 1403.6 M (RKB)

DELTA TIME	PRESSURE	TIME	DATE	
0.775	2230.978	6: 0	9- 7-80	OPEN WELL ON 46/64 ADJ.CHOKE

SFERRY-SUN INTERNATIONAL INC.
MAGNETIC RECORDING PRESSURE GAUGE REPORT

PAGE 1

A/S NORSKE SHELL
WILDCAT
31/2-3

NORTH SEA
9 JULY 1980
MRPG-598-NOR

WIRELINE D.S.T. RUN 4, GAUGE 0028, SENSING DEPTH 1403.6 M (RKB)

DELTA TIME	PRESSURE	TIME	DATE
0.000	2230.978	6: 0	9- 7-80 OPEN WELL ON 46/64 ADJ.CHOKE
0.008	2245.246	6: 0	
0.017	2245.972	6: 1	
0.025	2237.024	6: 1	
0.033	2230.978	6: 2	
0.042	2197.121	6: 2	
0.050	2171.002	6: 3	
0.058	2159.636	6: 3	
0.067	2155.283	6: 4	
0.075	2151.172	6: 4	
0.083	2149.721	6: 5	
0.092	2144.642	6: 5	
0.100	2145.609	6: 6	
0.108	2143.191	6: 6	
0.117	2142.465	6: 7	
0.125	2142.465	6: 7	
0.133	2142.707	6: 8	
0.142	2142.707	6: 8	
0.150	2141.982	6: 9	
0.158	2140.773	6: 9	
0.167	2138.354	6:10	
0.175	2138.596	6:10	
0.183	2139.080	6:11	
0.192	2140.047	6:11	
0.200	2140.531	6:12	
0.208	2140.531	6:12	
0.217	2140.047	6:13	
0.225	2140.047	6:13	
0.233	2138.838	6:14	
0.242	2138.596	6:14	
0.250	2137.145	6:15	
0.258	2134.727	6:15	
0.267	2136.419	6:16	
0.275	2136.178	6:16	
0.283	2135.936	6:17	
0.292	2136.178	6:17	
0.300	2134.243	6:18	
0.308	2133.276	6:18	
0.317	2134.485	6:19	
0.325	2135.210	6:19	
0.333	2134.727	6:20	
0.342	2135.452	6:20	
0.350	2136.178	6:21	
0.358	2135.452	6:21	
0.367	2135.452	6:22	
0.375	2135.936	6:22	

SPERRY-SUN INTERNATIONAL INC.
MAGNETIC RECORDING PRESSURE GAUGE REPORT

PAGE 2

A/S NORSKE SHELL
WILDCAT
31/2-3

NORTH SEA
9 JULY 1980
MRPG-598-NOR

WIRELINE D.S.T. RUN 4, GAUGE 0028, SENSING DEPTH 1403.6 M (RKB)

DELTA TIME	PRESSURE	TIME	DATE
0.383	2136.903	6:23	9- 7-80
0.392	2135.936	6:23	
0.400	2136.178	6:24	
0.408	2136.178	6:24	
0.417	2135.694	6:25	
0.425	2135.452	6:25	
0.433	2136.178	6:26	
0.442	2134.727	6:26	
0.450	2134.727	6:27	
0.458	2135.694	6:27	
0.467	2137.145	6:28	
0.475	2137.387	6:28	
0.483	2136.178	6:29	
0.492	2136.419	6:29	
0.500	2137.145	6:30	
0.508	2136.178	6:30	
0.517	2134.727	6:31	
0.525	2136.903	6:31	
0.533	2135.936	6:32	
0.542	2136.903	6:32	
0.550	2136.419	6:33	
0.558	2136.419	6:33	
0.567	2135.936	6:34	
0.575	2135.210	6:34	
0.583	2135.694	6:35	
0.592	2136.178	6:35	
0.600	2135.694	6:36	
0.608	2135.210	6:36	
0.617	2133.759	6:37	
0.625	2134.001	6:37	
0.633	2134.001	6:38	
0.642	2133.276	6:38	
0.650	2134.727	6:39	
0.658	2134.485	6:39	
0.667	2134.485	6:40	
0.675	2133.759	6:40	
0.683	2134.001	6:41	
0.692	2133.517	6:41	
0.700	2133.517	6:42	
0.708	2133.276	6:42	
0.717	2134.001	6:43	
0.725	2132.308	6:43	
0.733	2132.792	6:44	
0.742	2134.243	6:44	
0.750	2133.759	6:45	
0.758	2134.485	6:45	
0.767	2134.727	6:46	

SPERRY-SUN INTERNATIONAL INC.
MAGNETIC RECORDING PRESSURE GAUGE REPORT

PAGE 3

A/S NORSKE SHELL
WILDCAT
31/2-3

NORTH SEA
9 JULY 1980
MRPG-598-NOR

WIRELINE D.S.T. RUN 4, GAUGE 0028, SENSING DEPTH 1403.6 M (RKB)

DELTA TIME	PRESSURE	TIME	DATE
0.775	2133.759	6:46	9- 7-80
0.783	2133.759	6:47	
0.792	2135.210	6:47	
0.800	2134.243	6:48	
0.808	2132.792	6:48	
0.817	2134.243	6:49	
0.825	2134.243	6:49	
0.833	2133.517	6:50	
0.842	2134.485	6:50	
0.850	2134.968	6:51	
0.858	2134.968	6:51	
0.867	2134.968	6:52	
0.875	2135.210	6:52	
0.883	2135.936	6:53	
0.892	2136.419	6:53	
0.900	2134.243	6:54	
0.908	2134.968	6:54	
0.917	2134.485	6:55	
0.925	2133.517	6:55	
0.933	2134.001	6:56	
0.942	2133.759	6:56	
0.950	2132.308	6:57	
0.958	2133.517	6:57	
0.967	2131.583	6:58	
0.975	2132.308	6:58	
0.983	2131.099	6:59	
0.992	2131.341	6:59	
1.000	2131.583	7: 0	
1.008	2132.308	7: 0	
1.017	2131.341	7: 1	
1.025	2096.516	7: 1	
1.033	2023.723	7: 2	
1.042	1962.055	7: 2	
1.050	1914.897	7: 3	
1.058	1884.909	7: 3	
1.067	1850.810	7: 4	
1.075	1828.077	7: 4	
1.083	1816.227	7: 5	
1.092	1813.325	7: 5	
1.100	1795.671	7: 6	
1.108	1800.750	7: 6	
1.117	1792.527	7: 7	
1.125	1782.854	7: 7	
1.133	1776.324	7: 8	
1.142	1771.487	7: 8	
1.150	1769.553	7: 9	
1.158	1761.330	7: 9	

CHOKE OPENED TO MAXIMUM

SPERRY-SUN INTERNATIONAL INC.
MAGNETIC RECORDING PRESSURE GAUGE REPORT

PAGE 4

A/S NORSKE SHELL
WILDCAT
31/2-3

NORTH SEA
9 JULY 1980
MRPG-598-NOR

WIRELINE D.S.T. RUN 4, GAUGE 0028, SENSING DEPTH 1403.6 M (RKB)

DELTA TIME	PRESSURE	TIME	DATE
1.167	1763.749	7:10	9- 7-80
1.175	1740.290	7:10	
1.183	1755.284	7:11	
1.192	1746.820	7:11	
1.200	1750.931	7:12	
1.208	1761.814	7:12	
1.217	1754.075	7:13	
1.225	1746.095	7:13	
1.233	1751.173	7:14	
1.242	1741.258	7:14	
1.250	1751.415	7:15	
1.258	1735.454	7:15	
1.267	1736.179	7:16	
1.275	1733.277	7:16	
1.283	1742.225	7:17	
1.292	1729.650	7:17	
1.300	1742.709	7:18	
1.308	1734.486	7:18	
1.317	1735.937	7:19	
1.325	1741.258	7:19	
1.333	1732.794	7:20	
1.342	1727.957	7:20	
1.350	1734.970	7:21	
1.358	1734.970	7:21	
1.367	1727.231	7:22	
1.375	1735.937	7:22	
1.383	1731.584	7:23	
1.392	1726.748	7:23	
1.400	1737.630	7:24	
1.408	1744.160	7:24	
1.417	1747.304	7:25	
1.425	1745.853	7:25	
1.433	1724.329	7:26	
1.442	1743.918	7:26	
1.450	1745.369	7:27	
1.458	1737.147	7:27	
1.467	1748.755	7:28	
1.475	1749.722	7:28	
1.483	1752.624	7:29	
1.492	1751.415	7:29	
1.500	1755.043	7:30	
1.508	1746.095	7:30	
1.517	1743.676	7:31	
1.525	1760.847	7:31	
1.533	1765.683	7:32	
1.542	1756.010	7:32	
1.550	1754.559	7:33	

SPERRY-SUN INTERNATIONAL INC.
MAGNETIC RECORDING PRESSURE GAUGE REPORT

PAGE 5

A/S NORSKE SHELL
WILDCAT
31/2-3

NORTH SEA
9 JULY 1980
MRPG-598-NOR

WIRELINE D.S.T. RUN 4, GAUGE 0028, SENSING DEPTH 1403.6 M (RKB)

DELTA TIME	PRESSURE	TIME	DATE
1.558	1766.893	7:33	9- 7-80
1.567	1760.847	7:34	
1.575	1754.801	7:34	
1.583	1762.781	7:35	
1.592	1761.330	7:35	
1.600	1758.428	7:36	
1.608	1772.938	7:36	
1.617	1766.409	7:37	
1.625	1770.762	7:37	
1.633	1772.938	7:38	
1.642	1772.213	7:38	
1.650	1778.984	7:39	
1.658	1764.716	7:39	
1.667	1773.422	7:40	
1.675	1772.938	7:40	
1.683	1770.520	7:41	
1.692	1771.487	7:41	
1.700	1785.514	7:42	
1.708	1771.487	7:42	
1.717	1774.631	7:43	
1.725	1780.919	7:43	
1.733	1779.952	7:44	
1.742	1773.180	7:44	
1.750	1772.455	7:45	
1.758	1774.389	7:45	
1.767	1778.259	7:46	
1.775	1763.265	7:46	
1.783	1782.370	7:47	
1.792	1771.246	7:47	
1.800	1779.226	7:48	
1.808	1763.507	7:48	
1.817	1772.213	7:49	
1.825	1780.677	7:49	
1.833	1780.194	7:50	
1.842	1772.455	7:50	
1.850	1765.683	7:51	
1.858	1775.115	7:51	
1.867	1776.324	7:52	
1.875	1779.952	7:52	
1.883	1774.631	7:53	
1.892	1776.566	7:53	
1.900	1766.893	7:54	
1.908	1778.501	7:54	
1.917	1774.148	7:55	
1.925	1779.468	7:55	
1.933	1779.952	7:56	
1.942	1779.226	7:56	

SPERRY-SUN INTERNATIONAL INC.
MAGNETIC RECORDING PRESSURE GAUGE REPORT

PAGE 6

A/S NORSKE SHELL
WILDCAT
31/2-3

NORTH SEA
9 JULY 1980
MRPG-598-NOR

WIRELINE D.S.T. RUN 4, GAUGE 0028, SENSING DEPTH 1403.6 M (RKB)

DELTA TIME	PRESSURE	TIME	DATE
1.950	1778.501	7:57	9-7-80
1.958	1773.422	7:57	
1.967	1780.194	7:58	
1.975	1781.645	7:58	
1.983	1778.017	7:59	
1.992	1770.762	7:59	
2.000	1779.952	8:0	
2.008	1851.294	8:0	
2.017	2087.568	8:1	
2.025	2210.180	8:1	
2.033	2243.553	8:2	
2.042	2244.521	8:2	
2.050	2245.730	8:3	

WELL SHUT IN

SPERRY-SUN INTERNATIONAL INC.
MAGNETIC RECORDING PRESSURE GAUGE REPORT

PAGE 1

A/S NORSKE SHELL
WILDCAT
31/2-3

NORTH SEA
9 JULY 1980
MRPG-598-NOR

WIRELINE D.S.T. RUN 4, GAUGE 0028, SENSING DEPTH 1403.6 M (RKB)

DELTA TIME	PRESSURE	TIME	DATE
0.000	2245.730	8: 3	9- 7-80 WELL SHUT IN
0.008	2245.972	8: 3	
0.017	2246.697	8: 4	
0.025	2246.213	8: 4	
0.033	2246.213	8: 5	
0.042	2245.972	8: 5	
0.050	2246.213	8: 6	
0.058	2246.939	8: 6	
0.067	2246.939	8: 7	
0.075	2246.455	8: 7	
0.083	2246.697	8: 8	
0.092	2246.455	8: 8	
0.100	2246.455	8: 9	
0.108	2246.455	8: 9	
0.117	2246.697	8:10	
0.125	2246.455	8:10	
0.133	2246.455	8:11	
0.142	2246.455	8:11	
0.150	2246.697	8:12	
0.158	2246.455	8:12	
0.167	2246.455	8:13	
0.175	2246.939	8:13	
0.183	2246.939	8:14	
0.192	2246.939	8:14	
0.200	2246.697	8:15	
0.208	2246.455	8:15	
0.217	2246.455	8:16	
0.225	2246.939	8:16	
0.233	2246.697	8:17	
0.242	2246.455	8:17	
0.250	2246.939	8:18	
0.258	2247.423	8:18	
0.267	2246.697	8:19	
0.275	2246.939	8:19	
0.283	2246.455	8:20	
0.292	2246.697	8:20	
0.300	2246.697	8:21	
0.308	2246.697	8:21	
0.317	2246.697	8:22	
0.325	2246.939	8:22	
0.333	2246.455	8:23	
0.342	2246.697	8:23	
0.350	2246.939	8:24	
0.358	2246.697	8:24	
0.367	2246.213	8:25	
0.375	2246.697	8:25	

SPERRY-SUN INTERNATIONAL INC.
MAGNETIC RECORDING PRESSURE GAUGE REPORT

PAGE 2

A/S NORSKE SHELL
WILDCAT
31/2-3

NORTH SEA
9 JULY 1980
MRPG-598-NOR

WIRELINE D.S.T. RUN 4, GAUGE 0028, SENSING DEPTH 1403.6 M (RKB)

DELTA TIME	PRESSURE	TIME	DATE
0.383	2247.423	8:26	9-7-80
0.392	2246.697	8:26	
0.400	2246.213	8:27	
0.408	2246.697	8:27	
0.417	2246.697	8:28	
0.425	2246.939	8:28	
0.433	2246.455	8:29	
0.442	2246.455	8:29	
0.450	2246.697	8:30	
0.458	2246.697	8:30	
0.467	2246.455	8:31	
0.475	2246.939	8:31	
0.483	2246.697	8:32	
0.492	2247.181	8:32	
0.500	2246.697	8:33	
0.508	2246.697	8:33	
0.517	2246.939	8:34	
0.525	2246.455	8:34	
0.533	2246.213	8:35	
0.542	2246.455	8:35	
0.550	2246.939	8:36	
0.558	2247.181	8:36	
0.567	2246.455	8:37	
0.575	2247.181	8:37	
0.583	2246.213	8:38	
0.592	2246.213	8:38	
0.600	2246.455	8:39	
0.608	2246.697	8:39	
0.617	2246.455	8:40	
0.625	2246.455	8:40	
0.633	2246.697	8:41	
0.642	2246.455	8:41	
0.650	2246.455	8:42	
0.658	2247.181	8:42	
0.667	2246.455	8:43	
0.675	2246.939	8:43	
0.683	2246.455	8:44	
0.692	2246.213	8:44	
0.700	2246.455	8:45	
0.708	2246.697	8:45	
0.717	2246.213	8:46	
0.725	2246.939	8:46	
0.733	2246.697	8:47	
0.742	2246.455	8:47	
0.750	2246.697	8:48	
0.758	2246.213	8:48	
0.767	2247.181	8:49	

SPERRY-SUN INTERNATIONAL INC.
MAGNETIC RECORDING PRESSURE GAUGE REPORT

PAGE 3

A/S HORSKE SHELL
WILDCAT
31/2-3

NORTH SEA
9 JULY 1980
MRPG-598-NDR

WIRELINE D.S.T. RUN 4, GAUGE 0028, SENSING DEPTH 1403.6 M (RKB)

DELTA TIME	PRESSURE	TIME	DATE
0.775	2246.213	8:49	9-7-80
0.783	2246.213	8:50	
0.792	2246.939	8:50	
0.800	2246.455	8:51	
0.808	2246.455	8:51	
0.817	2246.455	8:52	
0.825	2246.939	8:52	
0.833	2246.455	8:53	
0.842	2245.972	8:53	
0.850	2246.213	8:54	
0.858	2246.455	8:54	
0.867	2246.455	8:55	
0.875	2246.213	8:55	
0.883	2246.455	8:56	
0.892	2245.972	8:56	
0.900	2246.213	8:57	
0.908	2246.455	8:57	
0.917	2246.213	8:58	
0.925	2246.213	8:58	
0.933	2246.697	8:59	
0.942	2246.213	8:59	
0.950	2245.730	9: 0	
0.958	2246.455	9: 0	
0.967	2246.213	9: 1	
0.975	2246.213	9: 1	
0.983	2246.213	9: 2	
0.992	2245.972	9: 2	
1.000	2245.972	9: 3	
1.008	2245.730	9: 3	
1.017	2245.972	9: 4	
1.025	2246.213	9: 4	
1.033	2246.455	9: 5	
1.042	2246.213	9: 5	
1.050	2246.213	9: 6	
1.058	2246.455	9: 6	
1.067	2245.972	9: 7	
1.075	2246.455	9: 7	
1.083	2245.972	9: 8	
1.092	2246.213	9: 8	
1.100	2246.697	9: 9	
1.108	2246.213	9: 9	
1.117	2245.972	9:10	
1.125	2246.213	9:10	
1.133	2246.213	9:11	
1.142	2246.213	9:11	
1.150	2246.213	9:12	
1.158	2246.455	9:12	

SPERRY-SUN INTERNATIONAL INC.
MAGNETIC RECORDING PRESSURE GAUGE REPORT

PAGE 4

A/S NORSKE SHELL
WILDCAT
31/2-3

NORTH SEA
9 JULY 1980
MRPG-598-NOR

WIRELINE D.S.T. RUN 4, GAUGE 0028, SENSING DEPTH 1403.6 M (RKB)

DELTA TIME	PRESSURE	TIME	DATE
1.167	2246.213	9:13	9- 7-80
1.175	2246.455	9:13	
1.183	2246.213	9:14	
1.192	2245.972	9:14	
1.200	2245.972	9:15	
1.208	2246.213	9:15	
1.217	2246.213	9:16	
1.225	2246.697	9:16	
1.233	2246.213	9:17	
1.242	2246.213	9:17	
1.250	2246.455	9:18	
1.258	2246.213	9:18	
1.267	2246.213	9:19	
1.275	2245.730	9:19	
1.283	2246.213	9:20	
1.292	2246.697	9:20	
1.300	2246.939	9:21	
1.308	2246.455	9:21	
1.317	2245.972	9:22	
1.325	2246.213	9:22	
1.333	2246.455	9:23	
1.342	2246.455	9:23	
1.350	2246.213	9:24	
1.358	2246.697	9:24	
1.367	2246.455	9:25	
1.375	2246.455	9:25	
1.383	2246.455	9:26	
1.392	2246.213	9:26	
1.400	2245.972	9:27	
1.408	2246.697	9:27	
1.417	2246.455	9:28	
1.425	2246.455	9:28	
1.433	2245.972	9:29	
1.442	2245.972	9:29	
1.450	2245.972	9:30	
1.458	2246.213	9:30	
1.467	2246.697	9:31	
1.475	2246.697	9:31	
1.483	2246.213	9:32	
1.492	2245.972	9:32	
1.500	2245.972	9:33	
1.508	2246.213	9:33	
1.517	2246.213	9:34	
1.525	2246.455	9:34	
1.533	2246.697	9:35	
1.542	2246.213	9:35	
1.550	2246.697	9:36	

SPERRY-SUN INTERNATIONAL INC.
MAGNETIC RECORDING PRESSURE GAUGE REPORT

PAGE 5

A/S NORSKE SHELL
WILDCAT
31/2-3

NORTH SEA
9 JULY 1980
MRPG-598-NOR

WIRELINE D.S.T. RUN 4, GAUGE 0028, SENSING DEPTH 1403.6 M (RKB)

DELTA TIME	PRESSURE	TIME	DATE
1.558	2245.972	9:36	9- 7-80
1.567	2245.972	9:37	
1.575	2245.972	9:37	
1.583	2246.213	9:38	
1.592	2246.213	9:38	
1.600	2246.697	9:39	
1.608	2246.213	9:39	
1.617	2246.213	9:40	
1.625	2246.213	9:40	
1.633	2245.972	9:41	
1.642	2245.972	9:41	
1.650	2245.972	9:42	
1.658	2246.213	9:42	
1.667	2246.697	9:43	
1.675	2246.455	9:43	
1.683	2246.455	9:44	
1.692	2246.213	9:44	
1.700	2246.213	9:45	
1.708	2246.455	9:45	
1.717	2246.213	9:46	
1.725	2246.213	9:46	
1.733	2246.455	9:47	
1.742	2245.972	9:47	
1.750	2246.455	9:48	
1.758	2245.972	9:48	
1.767	2245.972	9:49	
1.775	2246.697	9:49	
1.783	2246.697	9:50	
1.792	2246.213	9:50	
1.800	2246.213	9:51	
1.808	2246.455	9:51	
1.817	2246.213	9:52	
1.825	2245.730	9:52	
1.833	2246.213	9:53	
1.842	2246.455	9:53	
1.850	2246.455	9:54	
1.858	2246.213	9:54	
1.867	2246.455	9:55	
1.875	2245.730	9:55	
1.883	2245.730	9:56	
1.892	2245.972	9:56	
1.900	2246.455	9:57	
1.908	2246.697	9:57	
1.917	2246.213	9:58	
1.925	2246.455	9:58	
1.933	2246.213	9:59	
1.942	2246.455	9:59	

SPERRY-SUN INTERNATIONAL INC.
MAGNETIC RECORDING PRESSURE GAUGE REPORT

PAGE 6

A/S NORSKE SHELL
WILDCAT
31/2-3

NORTH SEA
9 JULY 1980
MRPG-598-NOR

WIRELINE D.S.T. RUN 4, GAUGE 0029, SENSING DEPTH 1403.6 M (RKB)

DELTA TIME	PRESSURE	TIME	DATE
1.950	2245.972	10: 0	9- 7-80
1.958	2245.730	10: 0	
1.967	2245.972	10: 1	
1.975	2246.213	10: 1	
1.983	2246.455	10: 2	
1.992	2245.972	10: 2	
2.000	2245.972	10: 3	
2.008	2245.246	10: 3	
2.017	2246.697	10: 4	
2.025	2246.213	10: 4	
2.033	2246.455	10: 5	
2.042	2246.455	10: 5	
2.050	2246.455	10: 6	
2.058	2245.972	10: 6	
2.067	2246.697	10: 7	
2.075	2245.972	10: 7	
2.083	2245.488	10: 8	
2.092	2246.455	10: 8	
2.100	2246.455	10: 9	
2.108	2246.213	10: 9	
2.117	2246.213	10:10	
2.125	2246.213	10:10	
2.133	2246.697	10:11	
2.142	2246.697	10:11	
2.150	2246.455	10:12	
2.158	2246.455	10:12	
2.167	2245.972	10:13	
2.175	2246.455	10:13	
2.183	2246.213	10:14	
2.192	2246.455	10:14	
2.200	2246.213	10:15	
2.208	2246.213	10:15	
2.217	2246.455	10:16	
2.225	2246.213	10:16	
2.233	2246.213	10:17	
2.242	2246.455	10:17	
2.250	2246.213	10:18	
2.258	2246.697	10:18	
2.267	2246.939	10:19	
2.275	2246.697	10:19	
2.283	2246.939	10:20	
2.292	2246.697	10:20	
2.300	2246.213	10:21	
2.308	2246.455	10:21	
2.317	2246.213	10:22	
2.325	2246.697	10:22	
2.333	2246.213	10:23	

SPERRY-SUN INTERNATIONAL INC.
MAGNETIC RECORDING PRESSURE GAUGE REPORT

PAGE 7

A/S NORSKE SHELL
WILDCAT
31/2-3

NORTH SEA
9 JULY 1980
MRPG-598-NOR

WIRELINE D.S.T. RUN 4, GAUGE 0028, SENSING DEPTH 1403.6 M (RKB)

DELTA TIME	PRESSURE	TIME	DATE
2.342	2246.455	10:23	9- 7-80
2.350	2246.213	10:24	
2.358	2245.972	10:24	
2.367	2245.972	10:25	
2.375	2245.972	10:25	
2.383	2246.697	10:26	
2.392	2246.697	10:26	
2.400	2246.455	10:27	
2.408	2246.455	10:27	
2.417	2246.455	10:28	
2.425	2246.455	10:28	
2.433	2246.213	10:29	
2.442	2246.939	10:29	
2.450	2246.697	10:30	
2.458	2246.455	10:30	
2.467	2246.213	10:31	
2.475	2246.213	10:31	
2.483	2246.213	10:32	
2.492	2246.455	10:32	
2.500	2246.697	10:33	
2.508	2246.697	10:33	
2.517	2246.213	10:34	
2.525	2246.455	10:34	
2.533	2246.213	10:35	
2.542	2246.455	10:35	
2.550	2245.972	10:36	
2.558	2246.455	10:36	
2.567	2246.455	10:37	
2.575	2246.455	10:37	
2.583	2246.455	10:38	
2.592	2246.213	10:38	
2.600	2246.213	10:39	
2.608	2246.213	10:39	
2.617	2246.455	10:40	
2.625	2246.697	10:40	
2.633	2246.213	10:41	
2.642	2246.939	10:41	
2.650	2246.455	10:42	
2.658	2246.697	10:42	
2.667	2246.455	10:43	
2.675	2246.213	10:43	
2.683	2246.455	10:44	
2.692	2246.455	10:44	
2.700	2246.455	10:45	
2.708	2246.213	10:45	
2.717	2246.213	10:46	
2.725	2246.213	10:46	

SPERRY-SUN INTERNATIONAL INC.
MAGNETIC RECORDING PRESSURE GAUGE REPORT

PAGE 8

A/S NORSKE SHELL
WILDCAT
31/2-3

NORTH SEA
9 JULY 1980
MRPG-598-NOR

WIRELINE D.S.T. RUN 4, GAUGE 0028, SENSING DEPTH 1403.6 M (RKB)

DELTA TIME	PRESSURE	TIME	DATE
2.733	2245.730	10:47	9- 7-80
2.742	2245.972	10:47	
2.750	2246.455	10:48	
2.758	2246.939	10:48	
2.767	2246.697	10:49	
2.775	2246.213	10:49	
2.783	2246.213	10:50	
2.792	2246.455	10:50	
2.800	2246.213	10:51	
2.808	2246.455	10:51	
2.817	2246.213	10:52	
2.825	2246.697	10:52	
2.833	2246.455	10:53	
2.842	2246.455	10:53	
2.850	2246.213	10:54	
2.858	2246.213	10:54	
2.867	2246.213	10:55	
2.875	2245.972	10:55	
2.883	2246.455	10:56	
2.892	2246.939	10:56	
2.900	2246.697	10:57	
2.908	2246.213	10:57	
2.917	2245.972	10:58	
2.925	2245.972	10:58	
2.933	2245.972	10:59	
2.942	2246.213	10:59	
2.950	2245.972	11: 0	
2.958	2246.213	11: 0	
2.967	2245.972	11: 1	
2.975	2246.213	11: 1	
2.983	2245.730	11: 2	
2.992	2245.972	11: 2	
3.000	2246.455	11: 3	
3.008	2246.697	11: 3	
3.017	2245.972	11: 4	
3.025	2246.697	11: 4	
3.033	2246.213	11: 5	
3.042	2246.213	11: 5	
3.050	2246.213	11: 6	
3.058	2246.213	11: 6	
3.067	2246.213	11: 7	
3.075	2246.455	11: 7	
3.083	2246.213	11: 8	
3.092	2245.972	11: 8	
3.100	2246.213	11: 9	
3.108	2246.213	11: 9	
3.117	2246.697	11:10	

SPERRY-SUN INTERNATIONAL INC.
MAGNETIC RECORDING PRESSURE GAUGE REPORT

PAGE 9

A/S NORSKE SHELL
WILDCAT
31/2-3

NORTH SEA
9 JULY 1980
MRPG-598-NOR

WIRELINE D.S.T. RUN 4, GAUGE 0028, SENSING DEPTH 1403.6 M (RKB)

DELTA TIME	PRESSURE	TIME	DATE
3.125	2246.455	11:10	9-7-80
3.133	2246.213	11:11	
3.142	2246.697	11:11	
3.150	2246.455	11:12	
3.158	2246.213	11:12	
3.167	2245.972	11:13	
3.175	2245.972	11:13	
3.183	2246.455	11:14	
3.192	2246.213	11:14	
3.200	2246.697	11:15	
3.208	2246.455	11:15	
3.217	2245.972	11:16	
3.225	2246.213	11:16	
3.233	2246.697	11:17	
3.242	2246.213	11:17	
3.250	2246.455	11:18	
3.258	2246.939	11:18	
3.267	2246.697	11:19	
3.275	2246.213	11:19	
3.283	2246.213	11:20	
3.292	2244.762	11:20	
3.300	2246.213	11:21	
3.308	2247.181	11:21	
3.317	2246.213	11:22	
3.325	2246.213	11:22	
3.333	2245.246	11:23	
3.342	2241.860	11:23	
3.350	2236.782	11:24	
3.358	2232.671	11:24	
3.367	2222.272	11:25	
3.375	2217.435	11:25	

GAUGE OFF BOTTOM



SPERRY-SUN INTERNATIONAL INC.
MAGNETIC RECORDING PRESSURE GAUGE REPORT

PAGE 1

A/S NORSKE SHELL
WILDCAT
31/2-3

NORTH SEA
9 JULY 1980
MRPG-598-NOR

WIRELINE D.S.T. RUN 4, GAUGE 0011, SENSING DEPTH 1401 3 M (RKB)

DELTA TIME	PRESSURE	TIME	DATE
0.000	2247.668	5:13	9-7-80 GAUGE ON BOTTOM
0.004	2246.300	5:13	
0.008	2247.668	5:13	
0.012	2247.277	5:13	
0.017	2247.472	5:14	
0.021	2247.668	5:14	
0.025	2247.668	5:14	
0.029	2247.863	5:14	
0.033	2247.472	5:15	
0.038	2247.472	5:15	
0.042	2247.668	5:15	
0.046	2247.668	5:15	
0.050	2247.668	5:16	
0.054	2247.472	5:16	
0.058	2247.472	5:16	
0.062	2247.472	5:16	
0.067	2247.668	5:17	
0.071	2247.668	5:17	
0.075	2247.472	5:17	
0.079	2247.472	5:17	
0.083	2247.668	5:18	
0.087	2247.863	5:18	
0.092	2247.863	5:18	
0.096	2247.668	5:18	
0.100	2247.472	5:19	
0.104	2247.863	5:19	
0.108	2247.472	5:19	
0.113	2247.472	5:19	
0.117	2247.668	5:20	
0.121	2247.277	5:20	
0.125	2247.668	5:20	
0.129	2247.668	5:20	
0.133	2247.472	5:21	
0.137	2247.277	5:21	
0.142	2247.472	5:21	
0.146	2247.668	5:21	
0.150	2247.863	5:22	
0.154	2247.863	5:22	
0.158	2247.472	5:22	
0.163	2247.277	5:22	
0.167	2247.472	5:23	
0.171	2247.863	5:23	
0.175	2247.863	5:23	
0.179	2247.668	5:23	
0.183	2247.277	5:24	
0.187	2247.472	5:24	

SPERRY-SUN INTERNATIONAL INC.
MAGNETIC RECORDING PRESSURE GAUGE REPORT

PAGE 2

A/S NORSKE SHELL
WILDCAT
31/2-3

NORTH SEA
9 JULY 1980
MRPG-598-NOR

WIRELINE D.S.T. RUN 4, GAUGE 0011, SENSING DEPTH 1401 3 M (RKB)

DELTA TIME	PRESSURE	TIME	DATE
0.192	2247.668	5:24	9-7-80
0.196	2247.668	5:24	
0.200	2247.668	5:25	
0.204	2247.472	5:25	
0.208	2248.059	5:25	
0.212	2248.059	5:25	
0.217	2247.863	5:26	
0.221	2247.472	5:26	
0.225	2247.472	5:26	
0.229	2247.668	5:26	
0.233	2247.863	5:27	
0.238	2247.472	5:27	
0.242	2247.472	5:27	
0.246	2247.082	5:27	
0.250	2247.472	5:28	
0.254	2247.863	5:28	
0.258	2247.863	5:28	
0.262	2247.863	5:28	
0.267	2247.277	5:29	
0.271	2247.277	5:29	
0.275	2247.472	5:29	
0.279	2247.668	5:29	
0.283	2247.668	5:30	
0.288	2247.472	5:30	
0.292	2247.277	5:30	
0.296	2247.277	5:30	
0.300	2247.668	5:31	
0.304	2247.277	5:31	
0.308	2247.472	5:31	
0.312	2247.472	5:31	
0.317	2247.668	5:32	
0.321	2247.668	5:32	
0.325	2247.472	5:32	
0.329	2247.472	5:32	
0.333	2247.277	5:33	
0.337	2247.472	5:33	
0.342	2247.668	5:33	
0.346	2247.668	5:33	
0.350	2247.277	5:34	
0.354	2247.277	5:34	
0.358	2247.277	5:34	
0.363	2247.472	5:34	
0.367	2247.472	5:35	
0.371	2247.472	5:35	
0.375	2247.472	5:35	
0.379	2247.472	5:35	
0.383	2247.668	5:36	

SPERRY-SUN INTERNATIONAL INC.
MAGNETIC RECORDING PRESSURE GAUGE REPORT

PAGE 3

A/S NORSKE SHELL
WILDCAT
31/2-3

NORTH SEA
9 JULY 1980
MRPG-598-NOR

WIRELINE D.S.T. RUN 4, GAUGE 0011, SENSING DEPTH 1401 3 M (RKB)

DELTA TIME	PRESSURE	TIME	DATE
0.387	2247.668	5:36	9- 7-80
0.392	2247.277	5:36	
0.396	2247.668	5:36	
0.400	2247.668	5:37	
0.404	2247.863	5:37	
0.408	2247.668	5:37	
0.413	2247.668	5:37	
0.417	2247.668	5:38	
0.421	2247.863	5:38	
0.425	2247.668	5:38	
0.429	2247.668	5:38	
0.433	2247.472	5:39	
0.437	2247.668	5:39	
0.442	2247.863	5:39	
0.446	2248.059	5:39	
0.450	2248.059	5:40	
0.454	2247.863	5:40	
0.458	2247.668	5:40	
0.462	2247.668	5:40	
0.467	2248.059	5:41	
0.471	2248.059	5:41	
0.475	2247.668	5:41	
0.479	2247.668	5:41	
0.483	2247.472	5:42	
0.488	2247.277	5:42	
0.492	2247.668	5:42	
0.496	2247.863	5:42	
0.500	2247.863	5:43	
0.504	2247.863	5:43	
0.508	2248.059	5:43	
0.512	2247.863	5:43	
0.517	2247.472	5:44	
0.521	2247.668	5:44	
0.525	2247.668	5:44	
0.529	2248.059	5:44	
0.533	2247.668	5:45	
0.538	2247.472	5:45	
0.542	2247.277	5:45	
0.546	2247.277	5:45	
0.550	2247.472	5:46	
0.554	2247.668	5:46	
0.558	2247.277	5:46	
0.562	2247.277	5:46	
0.567	2247.277	5:47	
0.571	2247.472	5:47	
0.575	2247.472	5:47	
0.579	2247.668	5:47	

SPERRY-SUN INTERNATIONAL INC.
MAGNETIC RECORDING PRESSURE GAUGE REPORT

PAGE 4

A/S NORSKE SHELL
WILDCAT
31/2-3

NORTH SEA
9 JULY 1980
MRPG-598-NOR

WIRELINE D.S.T. RUN 4, GAUGE 0011, SENSING DEPTH 1401 3 M (RKB)

DELTA TIME	PRESSURE	TIME	DATE
0.583	2247.277	5:48	9- 7-80
0.587	2247.668	5:48	
0.592	2247.668	5:48	
0.596	2247.668	5:48	
0.600	2247.472	5:49	
0.604	2247.277	5:49	
0.608	2247.277	5:49	
0.613	2247.668	5:49	
0.617	2247.668	5:50	
0.621	2247.668	5:50	
0.625	2247.668	5:50	
0.629	2247.668	5:50	
0.633	2248.059	5:51	
0.637	2247.863	5:51	
0.642	2247.863	5:51	
0.646	2247.863	5:51	
0.650	2247.668	5:52	
0.654	2247.863	5:52	
0.658	2248.059	5:52	
0.663	2247.863	5:52	
0.667	2247.863	5:53	
0.671	2247.277	5:53	
0.675	2247.668	5:53	
0.679	2247.668	5:53	
0.683	2247.668	5:54	
0.687	2247.668	5:54	
0.692	2247.668	5:54	
0.696	2237.115	5:54	
0.700	2246.495	5:55	
0.704	2246.886	5:55	
0.708	2246.886	5:55	
0.712	2246.886	5:55	
0.717	2247.082	5:56	
0.721	2247.277	5:56	
0.725	2247.277	5:56	
0.729	2247.082	5:56	
0.733	2246.691	5:57	
0.738	2247.082	5:57	
0.742	2247.472	5:57	
0.746	2247.472	5:57	
0.750	2247.472	5:58	
0.754	2247.082	5:58	
0.758	2247.082	5:58	
0.762	2247.277	5:58	
0.767	2247.668	5:59	
0.771	2247.668	5:59	
0.775	2247.277	5:59	

SPERRY-SUN INTERNATIONAL INC.
MAGNETIC RECORDING PRESSURE GAUGE REPORT

PAGE 5

A/S NORSKE SHELL
WILDCAT
31/2-3

NORTH SEA
9 JULY 1980
MRPG-598-NOR

WIRELINE D.S.T. RUN 4, GAUGE 0011, SENSING DEPTH 1401 3 M (RKB)

DELTA TIME	PRESSURE	TIME	DATE
0.779	2247.277	5:59	9- 7-80
0.783	2247.277	6: 0	
0.788	2247.472	6: 0	
0.792	2247.668	6: 0	
0.796	2247.668	6: 0	
0.800	2235.161	6: 1	

OPEN WELL ON 46/64 ADJ.CHOKE

SPERRY-SUN INTERNATIONAL INC.
MAGNETIC RECORDING PRESSURE GAUGE REPORT

PAGE 1

A/S NORSKE SHELL
WILDCAT
31/2-3

NORTH SEA
9 JULY 1980
MRPG-598-NOR

WIRELINE D.S.T. RUN 4, GAUGE 0011, SENSING DEPTH 1401 3 M (RKB)

DELTA TIME	PRESSURE	TIME	DATE
0.000	2235.161	6: 1	9- 7-80 OPEN WELL ON 46/64 ADJ.CHOKE
0.004	2246.104	6: 1	
0.008	2246.300	6: 1	
0.012	2246.495	6: 1	
0.017	2246.495	6: 2	
0.021	2246.495	6: 2	
0.025	2240.242	6: 2	
0.029	2237.897	6: 2	
0.033	2234.379	6: 3	
0.038	2217.963	6: 3	
0.042	2202.133	6: 3	
0.046	2186.890	6: 3	
0.050	2175.555	6: 4	
0.054	2168.129	6: 4	
0.058	2163.243	6: 4	
0.062	2160.312	6: 4	
0.067	2157.771	6: 5	
0.071	2155.817	6: 5	
0.075	2154.058	6: 5	
0.079	2152.300	6: 5	
0.083	2150.932	6: 6	
0.087	2150.541	6: 6	
0.092	2149.173	6: 6	
0.096	2148.196	6: 6	
0.100	2147.218	6: 7	
0.104	2146.437	6: 7	
0.108	2146.046	6: 7	
0.113	2146.046	6: 7	
0.117	2145.655	6: 8	
0.121	2145.460	6: 8	
0.125	2145.069	6: 8	
0.129	2144.482	6: 8	
0.133	2143.896	6: 9	
0.137	2144.092	6: 9	
0.142	2143.896	6: 9	
0.146	2143.701	6: 9	
0.150	2142.919	6:10	
0.154	2142.724	6:10	
0.158	2142.528	6:10	
0.163	2142.137	6:10	
0.167	2141.746	6:11	
0.171	2141.160	6:11	
0.175	2141.160	6:11	
0.179	2141.551	6:11	
0.183	2141.551	6:12	
0.187	2141.746	6:12	

SPERRY-SUN INTERNATIONAL INC.
MAGNETIC RECORDING PRESSURE GAUGE REPORT

PAGE 2

A/S NORSKE SHELL
WILDCAT
31/2-3

NORTH SEA
9 JULY 1980
MRPG-598-NOR

WIRELINE D.S.T. RUN 4, GAUGE 0011, SENSING DEPTH 1401 3 M (RKB)

DELTA TIME	PRESSURE	TIME	DATE
0.192	2142.333	6:12	9- 7-80
0.196	2142.333	6:12	
0.200	2142.724	6:13	
0.204	2142.724	6:13	
0.208	2142.528	6:13	
0.212	2142.333	6:13	
0.217	2141.942	6:14	
0.221	2142.333	6:14	
0.225	2141.551	6:14	
0.229	2141.746	6:14	
0.233	2140.769	6:15	
0.238	2140.378	6:15	
0.242	2140.183	6:15	
0.246	2139.792	6:15	
0.250	2138.620	6:16	
0.254	2136.861	6:16	
0.258	2156.665	6:16	
0.262	2137.252	6:16	
0.267	2137.447	6:17	
0.271	2137.642	6:17	
0.275	2137.838	6:17	
0.279	2137.838	6:17	
0.283	2137.642	6:18	
0.288	2138.424	6:18	
0.292	2137.642	6:18	
0.296	2138.229	6:18	
0.300	2136.861	6:19	
0.304	2136.275	6:19	
0.308	2136.275	6:19	

GAUGE STOPPED