

Denne rapport
tilhører



L&U DOK. SENTER

L. NR. 35284110022

KODE Well 31/2-2 nr 38

Returneres etter bruk

sperry-

nal, inc.

PRESSURE SURVEY REPORT

for

NORSKE SHELL A/S

WELL NO. 31/2-2

DATE: 11 JULY 1980

TEST NO. 4, RUN NO.3



(A Sperry-Sun Company)

Precision Instruments / Professional Service



PRESSURE TEST DATA SUMMARY

 COMPANY: A/S NORSKE SHELL. DATE: 11 JULY 1980

 FIELD: WILDCAT WELL NO: 31/2-2 JOB NO: MRPG-599-NOR.

 TEST TYPE: PRODUCTION TEST NO: 4 RUN NO: 3 MAX B.H.T. 162 °F

PERFORATION INTERVAL: _____ ZONE: _____

| | TOP | MIDDLE | BOTTOM |
|------------------------|------------------|--------|------------------|
| GAUGE TYPE/NO. | <u>MRPG 0016</u> | | <u>MRPG 0031</u> |
| PRESSURE SENSING DEPTH | <u>1563.5 M</u> | | <u>1566.5 M</u> |
| ELEMENT SIZE | <u>5000 PSI</u> | | <u>5000 PSI</u> |
| TIME MODE | <u>2 MIN</u> | | <u>2 MIN</u> |
| BATTERY TYPE | <u>ALKALINE</u> | | <u>ALKALINE</u> |

| EVENT | SURFACE TIMES & DATES | | TEMP. °F | |
|-----------------------------|-----------------------|-------------|----------|----------------------------------|
| START GAUGES: | TOP | 21:10 | 8.7.80 | INCORRECT GAUGE TEMP. RECORD. |
| | BOTTOM | 21:09 | " | |
| GAUGES IN LUBRICATOR | | 21:25-21:30 | " | |
| GRADIENT STOPS AT:- | | | | |
| | 960 METRES | 22:00-22:15 | " | |
| | 1260 " | 22:18-22:33 | " | |
| GAUGES ON BOTTOM | | 22:37 | " | |
| (WELL OPEN ON 48/64" CHOKE) | | | | |
| CHANGE TO 40/64" ADJ. CHOKE | | 02:27 | 10.7.80 | |
| " " 40/64" POS. " | | 02:35 | " | |
| WELL SHUT IN | | 16:23 | " | |
| START ACID INJECTION | | 16:30 | " | |
| ACID COMPLETE | | 17:16 | " | |
| PUMP DIESEL | | 17:17 | " | |
| CLOSE KILL VALVE | | 20:03 | " | |
| OPEN WELL ON 40/64" CHOKE | | 20:30 | " | |
| CHANGE TO 32/64" ADJ. CHOKE | | 04:29 | 11.7.80 | |
| " " " POS. " | | 04:34 | " | |
| " " " ADJ. " | | 05:10 | " | |
| " " 12/64" ADJ. " | | 05:17 | " | |
| " " 8/64" " " | | 05:26 | " | |
| " " 10/64" " " | | 05:29 | " | |
| " " 12/64" " " | | 05:30 | " | |

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: A/S NORSKE SHELL JOB NO: MRPG-599-NOR

| EVENT | SURFACE TIMES & DATES | | TEMP. | °F |
|-----------------------------|-----------------------|---------|-------|----|
| CHANGE TO 16/64" ADJ. CHOKE | 05:31 | 11.7.80 | | |
| " " 20/64" " " | 05:39 | " | | |
| " " 30/64" " " | 05:43 | " | | |
| " " 32/64" " " | 05:44 | " | | |
| " " 32/64" POS. " | 05:45 | " | | |
| GAUGES OFF BOTTOM | 06:53 | " | | |
| GRADIENT STOPS AT:- | | | | |
| 1260 METRES | 06:58-07:13 | " | | |
| 960 " | 07:17-07:32 | " | | |
| GAUGES IN LUBRICATOR | 07:38 | " | | |
| GAUGES OUT OF STRING | 07:43 | " | | |

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
MILDCAT
31/2-2

OFFSHORE NORWAY
11th JULY 1980
MRPG-599-NOR

COMPLETION TEST NO. 4. RUN NO. 3. GAUGE SENSING DEPTH - 1,563.5 M.

| DELTA TIME | PRESSURE | TIME | DATE |
|---------------|----------|-------|---------------------------|
| 0.000 | 1044.753 | 22:37 | 8- 7-80 |
| 0.033 | 1036.787 | 22:39 | GAUGES ON BOTTOM AT 22.37 |
| 0.067 | 1024.959 | 22:41 | FLOWING ON 48/64" CHOKE |
| 0.100 | 1032.201 | 22:43 | |
| 0.133 | 1056.341 | 22:45 | |
| 0.167 | 1074.446 | 22:47 | |
| 0.200 | 1079.032 | 22:49 | |
| 0.233 | 1090.137 | 22:51 | |
| 0.267 | 1112.587 | 22:53 | |
| 0.300 | 1132.623 | 22:55 | |
| 0.333 | 1147.831 | 22:57 | |
| 0.367 | 1139.624 | 22:59 | |
| 0.400 | 1136.968 | 23: 1 | |
| 0.433 | 1125.622 | 23: 3 | |
| 0.467 | 1059.068 | 23: 5 | |
| 0.500 | 1072.997 | 23: 7 | |
| 0.533 | 1043.546 | 23: 9 | |
| 0.567 | 1022.545 | 23:11 | |
| 0.600 | 1024.476 | 23:13 | |
| 0.633 | 1029.062 | 23:15 | |
| 0.667 | 1046.685 | 23:17 | |
| 0.700 | 1062.858 | 23:19 | |
| 0.733 | 1077.101 | 23:21 | |
| 0.767 | 1086.274 | 23:23 | |
| 0.800 | 1087.723 | 23:25 | |
| 0.833 | 1082.895 | 23:27 | |
| 0.867 | 1076.860 | 23:29 | |
| 0.900 | 1069.376 | 23:31 | |
| 0.933 | 1065.031 | 23:33 | |
| 0.967 | 1059.479 | 23:35 | |
| 1.000 | 1056.582 | 23:37 | |
| 1.033 | 1053.202 | 23:39 | |
| 1.067 | 1057.548 | 23:41 | |
| 1.100 | 1054.651 | 23:43 | |
| 1.133 | 1063.341 | 23:45 | |
| 1.167 | 1078.549 | 23:47 | |
| 1.200 | 1093.516 | 23:49 | |
| 1.233 | 1107.276 | 23:51 | |
| 1.267 | 1116.691 | 23:53 | |
| 1.300 | 1119.105 | 23:55 | |
| 1.333 | 1112.828 | 23:57 | |
| 1.367 | 1104.862 | 23:59 | |
| 1.400 | 1097.861 | 0: 1 | 9- 7-80 |
| 1.433 | 1089.895 | 0: 3 | |
| 1.467 | 1085.550 | 0: 5 | |
| 1.500 | 1082.653 | 0: 7 | |

SPERRY-SUN INTERNATIONAL INC.
MAGNETIC RECORDING PRESSURE GAUGE REPORT

PAGE 2

A/S NORSKE SHELL
WILDCAT
31/2-2

OFFSHORE NORWAY
11th JULY 1980
MRPG-599-NOR

COMPLETION TEST NO. 4. RUN NO. 3. GAUGE SENSING DEPTH - 1,563.5 M.

| DELTA TIME | PRESSURE | TIME | DATE |
|---------------|----------|------|---------|
| 1.533 | 1074.446 | 0: 9 | 9- 7-80 |
| 1.567 | 1069.859 | 0:11 | |
| 1.600 | 1066.479 | 0:13 | |
| 1.633 | 1064.065 | 0:15 | |
| 1.667 | 1060.686 | 0:17 | |
| 1.700 | 1055.375 | 0:19 | |
| 1.733 | 1052.720 | 0:21 | |
| 1.767 | 1048.857 | 0:23 | |
| 1.800 | 1046.926 | 0:25 | |
| 1.833 | 1046.202 | 0:27 | |
| 1.867 | 1047.892 | 0:29 | |
| 1.900 | 1050.306 | 0:31 | |
| 1.933 | 1052.720 | 0:33 | |
| 1.967 | 1053.685 | 0:35 | |
| 2.000 | 1054.168 | 0:37 | |
| 2.033 | 1055.375 | 0:39 | |
| 2.067 | 1059.237 | 0:41 | |
| 2.100 | 1061.651 | 0:43 | |
| 2.133 | 1064.065 | 0:45 | |
| 2.167 | 1064.307 | 0:47 | |
| 2.200 | 1062.617 | 0:49 | |
| 2.233 | 1060.686 | 0:51 | |
| 2.267 | 1058.755 | 0:53 | |
| 2.300 | 1060.444 | 0:55 | |
| 2.333 | 1063.583 | 0:57 | |
| 2.367 | 1065.514 | 0:59 | |
| 2.400 | 1066.721 | 1: 1 | |
| 2.433 | 1066.238 | 1: 3 | |
| 2.467 | 1064.548 | 1: 5 | |
| 2.500 | 1062.858 | 1: 7 | |
| 2.533 | 1060.444 | 1: 9 | |
| 2.567 | 1059.479 | 1:11 | |
| 2.600 | 1057.789 | 1:13 | |
| 2.633 | 1056.099 | 1:15 | |
| 2.667 | 1055.616 | 1:17 | |
| 2.700 | 1053.927 | 1:19 | |
| 2.733 | 1053.202 | 1:21 | |
| 2.767 | 1051.995 | 1:23 | |
| 2.800 | 1050.306 | 1:25 | |
| 2.833 | 1050.064 | 1:27 | |
| 2.867 | 1050.064 | 1:29 | |
| 2.900 | 1048.133 | 1:31 | |
| 2.933 | 1046.202 | 1:33 | |
| 2.967 | 1044.995 | 1:35 | |
| 3.000 | 1044.271 | 1:37 | |
| 3.033 | 1046.202 | 1:39 | |
| 3.067 | 1049.099 | 1:41 | |

SPERRY-SUN INTERNATIONAL INC.
MAGNETIC RECORDING PRESSURE GAUGE REPORT

PAGE 3

A/S NORSKE SHELL
WILDCAT
31/2-2

OFFSHORE NORWAY
11th JULY 1980
MRPG-599-NOR

COMPLETION TEST NO. 4. RUN NO. 3. GAUGE SENSING DEPTH - 1,563.5 M.

| DELTA TIME | PRESSURE | TIME | DATE |
|---------------|----------|------|---------|
| 3.100 | 1051.271 | 1:43 | 9- 7-80 |
| 3.133 | 1052.478 | 1:45 | |
| 3.167 | 1052.478 | 1:47 | |
| 3.200 | 1050.306 | 1:49 | |
| 3.233 | 1047.892 | 1:51 | |
| 3.267 | 1049.823 | 1:53 | |
| 3.300 | 1054.168 | 1:55 | |
| 3.333 | 1061.651 | 1:57 | |
| 3.367 | 1066.721 | 1:59 | |
| 3.400 | 1075.411 | 2: 1 | |
| 3.433 | 1083.619 | 2: 3 | |
| 3.467 | 1090.861 | 2: 5 | |
| 3.500 | 1094.965 | 2: 7 | |
| 3.533 | 1096.896 | 2: 9 | |
| 3.567 | 1095.689 | 2:11 | |
| 3.600 | 1093.758 | 2:13 | |
| 3.633 | 1088.930 | 2:15 | |
| 3.667 | 1083.377 | 2:17 | |
| 3.700 | 1077.584 | 2:19 | |
| 3.733 | 1073.480 | 2:21 | |
| 3.767 | 1071.066 | 2:23 | |
| 3.800 | 1069.618 | 2:25 | |
| 3.833 | 1067.686 | 2:27 | |
| 3.867 | 1063.583 | 2:29 | |
| 3.900 | 1057.548 | 2:31 | |
| 3.933 | 1051.754 | 2:33 | |
| 3.967 | 1048.133 | 2:35 | |
| 4.000 | 1047.892 | 2:37 | |
| 4.033 | 1048.857 | 2:39 | |
| 4.067 | 1050.547 | 2:41 | |
| 4.100 | 1051.754 | 2:43 | |
| 4.133 | 1052.961 | 2:45 | |
| 4.167 | 1052.720 | 2:47 | |
| 4.200 | 1051.513 | 2:49 | |
| 4.233 | 1048.616 | 2:51 | |
| 4.267 | 1049.581 | 2:53 | |
| 4.300 | 1050.547 | 2:55 | |
| 4.333 | 1051.754 | 2:57 | |
| 4.367 | 1053.927 | 2:59 | |
| 4.400 | 1053.927 | 3: 1 | |
| 4.433 | 1052.961 | 3: 3 | |
| 4.467 | 1050.064 | 3: 5 | |
| 4.500 | 1051.513 | 3: 7 | |
| 4.533 | 1055.616 | 3: 9 | |
| 4.567 | 1058.030 | 3:11 | |
| 4.600 | 1059.479 | 3:13 | |
| 4.633 | 1059.237 | 3:15 | |

SPERRY-SUN INTERNATIONAL INC.
MAGNETIC RECORDING PRESSURE GAUGE REPORT

PAGE 4

A/S NORSKE SHELL
WILDCAT
31/2-2

OFFSHORE NORWAY
11th JULY 1980
MRPG-599-NOR

COMPLETION TEST NO. 4. RUN NO. 3. GAUGE SENSING DEPTH - 1,563.5 M.

| DELTA TIME | PRESSURE | TIME | DATE |
|---------------|----------|------|---------|
| 4.667 | 1056.099 | 3:17 | 9- 7-80 |
| 4.700 | 1052.961 | 3:19 | |
| 4.733 | 1048.133 | 3:21 | |
| 4.767 | 1046.685 | 3:23 | |
| 4.800 | 1045.960 | 3:25 | |
| 4.833 | 1047.167 | 3:27 | |
| 4.867 | 1048.616 | 3:29 | |
| 4.900 | 1049.340 | 3:31 | |
| 4.933 | 1049.581 | 3:33 | |
| 4.967 | 1048.133 | 3:35 | |
| 5.000 | 1047.167 | 3:37 | |
| 5.033 | 1046.443 | 3:39 | |
| 5.067 | 1045.960 | 3:41 | |
| 5.100 | 1045.236 | 3:43 | |
| 5.133 | 1044.995 | 3:45 | |
| 5.167 | 1043.305 | 3:47 | |
| 5.200 | 1039.925 | 3:49 | |
| 5.233 | 1039.201 | 3:51 | |
| 5.267 | 1039.925 | 3:53 | |
| 5.300 | 1040.408 | 3:55 | |
| 5.333 | 1042.339 | 3:57 | |
| 5.367 | 1044.995 | 3:59 | |
| 5.400 | 1045.719 | 4: 1 | |
| 5.433 | 1044.512 | 4: 3 | |
| 5.467 | 1044.271 | 4: 5 | |
| 5.500 | 1044.753 | 4: 7 | |
| 5.533 | 1044.512 | 4: 9 | |
| 5.567 | 1044.753 | 4:11 | |
| 5.600 | 1045.236 | 4:13 | |
| 5.633 | 1044.753 | 4:15 | |
| 5.667 | 1044.512 | 4:17 | |
| 5.700 | 1043.305 | 4:19 | |
| 5.733 | 1044.029 | 4:21 | |
| 5.800 | 1046.685 | 4:25 | |
| 5.833 | 1048.857 | 4:27 | |
| 5.867 | 1049.823 | 4:29 | |
| 5.900 | 1048.616 | 4:31 | |
| 5.933 | 1045.960 | 4:33 | |
| 5.967 | 1042.581 | 4:35 | |
| 6.000 | 1039.925 | 4:37 | |
| 6.033 | 1036.787 | 4:39 | |
| 6.067 | 1036.063 | 4:41 | |
| 6.100 | 1035.339 | 4:43 | |
| 6.133 | 1035.097 | 4:45 | |
| 6.167 | 1036.063 | 4:47 | |
| 6.200 | 1038.477 | 4:49 | |
| 6.233 | 1041.132 | 4:51 | |

SPERRY-SUN INTERNATIONAL INC.
MAGNETIC RECORDING PRESSURE GAUGE REPORT

PAGE 5

A/S NORSKE SHELL
MILDCAT
31/2-2

OFFSHORE NORWAY
11th JULY 1980
MRPG-599-NOR

COMPLETION TEST NO. 4. RUN NO. 3. GAUGE SENSING DEPTH - 1,563.5 M.

| DELTA TIME | PRESSURE | TIME | DATE |
|---------------|----------|------|--------|
| 6.267 | 1044.271 | 4:53 | 9-7-80 |
| 6.300 | 1047.409 | 4:55 | |
| 6.333 | 1047.892 | 4:57 | |
| 6.367 | 1047.167 | 4:59 | |
| 6.400 | 1044.995 | 5: 1 | |
| 6.433 | 1042.098 | 5: 3 | |
| 6.467 | 1038.718 | 5: 5 | |
| 6.500 | 1034.856 | 5: 7 | |
| 6.533 | 1032.201 | 5: 9 | |
| 6.567 | 1036.063 | 5:11 | |
| 6.600 | 1037.753 | 5:13 | |
| 6.633 | 1040.408 | 5:15 | |
| 6.667 | 1042.098 | 5:17 | |
| 6.700 | 1041.857 | 5:19 | |
| 6.733 | 1041.132 | 5:21 | |
| 6.767 | 1039.443 | 5:23 | |
| 6.800 | 1035.822 | 5:25 | |
| 6.833 | 1033.649 | 5:27 | |
| 6.867 | 1031.718 | 5:29 | |
| 6.900 | 1028.821 | 5:31 | |
| 6.933 | 1026.890 | 5:33 | |
| 6.967 | 1026.166 | 5:35 | |
| 7.000 | 1025.200 | 5:37 | |
| 7.033 | 1026.648 | 5:39 | |
| 7.067 | 1033.649 | 5:41 | |
| 7.100 | 1039.684 | 5:43 | |
| 7.133 | 1042.098 | 5:45 | |
| 7.167 | 1042.581 | 5:47 | |
| 7.200 | 1041.374 | 5:49 | |
| 7.233 | 1037.511 | 5:51 | |
| 7.267 | 1034.373 | 5:53 | |
| 7.300 | 1030.511 | 5:55 | |
| 7.333 | 1027.131 | 5:57 | |
| 7.367 | 1027.373 | 5:59 | |
| 7.400 | 1030.511 | 6: 1 | |
| 7.433 | 1032.925 | 6: 3 | |
| 7.467 | 1035.097 | 6: 5 | |
| 7.500 | 1038.718 | 6: 7 | |
| 7.533 | 1039.925 | 6: 9 | |
| 7.567 | 1039.684 | 6:11 | |
| 7.600 | 1038.477 | 6:13 | |
| 7.633 | 1036.304 | 6:15 | |
| 7.667 | 1030.752 | 6:17 | |
| 7.700 | 1027.855 | 6:19 | |
| 7.733 | 1025.200 | 6:21 | |
| 7.767 | 1022.545 | 6:23 | |
| 7.800 | 1021.820 | 6:25 | |

SPERRY-SUN INTERNATIONAL INC.
MAGNETIC RECORDING PRESSURE GAUGE REPORT

PAGE 6

A/S NORSKE SHELL
WILDCAT
31/2-2

OFFSHORE NORWAY
11th JULY 1980
MRPG-599-NOR

COMPLETION TEST NO. 4. RUN NO. 3. GAUGE SENSING DEPTH - 1,563.5 M.

| DELTA TIME | PRESSURE | TIME | DATE |
|---------------|----------|------|--------|
| 7.833 | 1022.303 | 6:27 | 9-7-80 |
| 7.867 | 1025.200 | 6:29 | |
| 7.900 | 1030.752 | 6:31 | |
| 7.933 | 1034.615 | 6:33 | |
| 7.967 | 1037.270 | 6:35 | |
| 8.000 | 1037.270 | 6:37 | |
| 8.033 | 1032.925 | 6:39 | |
| 8.067 | 1028.338 | 6:41 | |
| 8.100 | 1024.234 | 6:43 | |
| 8.133 | 1021.820 | 6:45 | |
| 8.167 | 1022.303 | 6:47 | |
| 8.200 | 1023.027 | 6:49 | |
| 8.233 | 1025.924 | 6:51 | |
| 8.267 | 1027.614 | 6:53 | |
| 8.300 | 1034.373 | 6:55 | |
| 8.333 | 1036.787 | 6:57 | |
| 8.367 | 1038.477 | 6:59 | |
| 8.400 | 1038.718 | 7: 1 | |
| 8.433 | 1038.718 | 7: 3 | |
| 8.467 | 1037.994 | 7: 5 | |
| 8.500 | 1035.822 | 7: 7 | |
| 8.533 | 1031.476 | 7: 9 | |
| 8.567 | 1029.545 | 7:11 | |
| 8.600 | 1026.166 | 7:13 | |
| 8.633 | 1023.993 | 7:15 | |
| 8.667 | 1024.959 | 7:17 | |
| 8.700 | 1027.855 | 7:19 | |
| 8.733 | 1032.683 | 7:21 | |
| 8.767 | 1038.236 | 7:23 | |
| 8.800 | 1039.201 | 7:25 | |
| 8.833 | 1039.201 | 7:27 | |
| 8.867 | 1035.822 | 7:29 | |
| 8.900 | 1032.683 | 7:31 | |
| 8.933 | 1028.097 | 7:33 | |
| 8.967 | 1025.441 | 7:35 | |
| 9.000 | 1023.510 | 7:37 | |
| 9.033 | 1023.027 | 7:39 | |
| 9.067 | 1022.786 | 7:41 | |
| 9.100 | 1021.820 | 7:43 | |
| 9.133 | 1024.717 | 7:45 | |
| 9.167 | 1028.338 | 7:47 | |
| 9.200 | 1031.718 | 7:49 | |
| 9.233 | 1035.097 | 7:51 | |
| 9.267 | 1037.029 | 7:53 | |
| 9.300 | 1035.822 | 7:55 | |
| 9.333 | 1034.373 | 7:57 | |
| 9.367 | 1029.304 | 7:59 | |

SPERRY-SUN INTERNATIONAL INC.
MAGNETIC RECORDING PRESSURE GAUGE REPORT

PAGE 7

A/S NORSKE SHELL
WILDCAT
31/2-2

OFFSHORE NORWAY
11th JULY 1980
MRPG-599-NOR

COMPLETION TEST NO. 4. RUN NO. 3. GAUGE SENSING DEPTH - 1,563.5 M.

| DELTA TIME | PRESSURE | TIME | DATE |
|---------------|----------|------|---------|
| 9.400 | 1026.166 | 8: 1 | 9- 7-80 |
| 9.433 | 1023.752 | 8: 3 | |
| 9.467 | 1022.786 | 8: 5 | |
| 9.500 | 1023.027 | 8: 7 | |
| 9.533 | 1027.131 | 8: 9 | |
| 9.567 | 1031.476 | 8:11 | |
| 9.600 | 1037.029 | 8:13 | |
| 9.633 | 1039.684 | 8:15 | |
| 9.667 | 1040.650 | 8:17 | |
| 9.700 | 1039.201 | 8:19 | |
| 9.733 | 1036.304 | 8:21 | |
| 9.767 | 1033.408 | 8:23 | |
| 9.800 | 1030.028 | 8:25 | |
| 9.833 | 1025.683 | 8:27 | |
| 9.867 | 1022.545 | 8:29 | |
| 9.900 | 1021.338 | 8:31 | |
| 9.933 | 1022.786 | 8:33 | |
| 9.967 | 1024.717 | 8:35 | |
| 10.000 | 1029.545 | 8:37 | |
| 10.033 | 1034.856 | 8:39 | |
| 10.067 | 1037.511 | 8:41 | |
| 10.100 | 1037.270 | 8:43 | |
| 10.133 | 1035.822 | 8:45 | |
| 10.167 | 1035.580 | 8:47 | |
| 10.200 | 1032.442 | 8:49 | |
| 10.233 | 1030.269 | 8:51 | |
| 10.267 | 1028.821 | 8:53 | |
| 10.300 | 1027.855 | 8:55 | |
| 10.333 | 1028.580 | 8:57 | |
| 10.367 | 1030.511 | 8:59 | |
| 10.400 | 1032.683 | 9: 1 | |
| 10.433 | 1036.787 | 9: 3 | |
| 10.467 | 1039.925 | 9: 5 | |
| 10.500 | 1042.822 | 9: 7 | |
| 10.533 | 1043.788 | 9: 9 | |
| 10.567 | 1040.891 | 9:11 | |
| 10.600 | 1038.477 | 9:13 | |
| 10.633 | 1034.615 | 9:15 | |
| 10.667 | 1032.201 | 9:17 | |
| 10.700 | 1028.097 | 9:19 | |
| 10.733 | 1026.890 | 9:21 | |
| 10.767 | 1028.097 | 9:23 | |
| 10.800 | 1032.683 | 9:25 | |
| 10.833 | 1037.029 | 9:27 | |
| 10.867 | 1040.650 | 9:29 | |
| 10.900 | 1042.822 | 9:31 | |
| 10.933 | 1044.029 | 9:33 | |

SPERRY-SUN INTERNATIONAL INC.
MAGNETIC RECORDING PRESSURE GAUGE REPORT

PAGE 8

A/S NORSKE SHELL
WILDCAT
31/2-2

OFFSHORE NORWAY
11th JULY 1980
MRPG-599-NOR

COMPLETION TEST NO. 4. RUN NO. 3. GAUGE SENSING DEPTH - 1,563.5 M.

| DELTA TIME | PRESSURE | TIME | DATE |
|---------------|----------|-------|--------|
| 10.967 | 1042.098 | 9:35 | 9-7-80 |
| 11.000 | 1039.925 | 9:37 | |
| 11.033 | 1037.270 | 9:39 | |
| 11.067 | 1034.856 | 9:41 | |
| 11.100 | 1032.201 | 9:43 | |
| 11.133 | 1030.511 | 9:45 | |
| 11.167 | 1029.787 | 9:47 | |
| 11.200 | 1030.752 | 9:49 | |
| 11.233 | 1034.373 | 9:51 | |
| 11.267 | 1037.753 | 9:53 | |
| 11.300 | 1043.546 | 9:55 | |
| 11.333 | 1046.443 | 9:57 | |
| 11.367 | 1047.892 | 9:59 | |
| 11.400 | 1045.478 | 10:01 | |
| 11.433 | 1042.339 | 10:03 | |
| 11.467 | 1039.443 | 10:05 | |
| 11.500 | 1033.166 | 10:07 | |
| 11.533 | 1030.511 | 10:09 | |
| 11.567 | 1026.648 | 10:11 | |
| 11.600 | 1025.200 | 10:13 | |
| 11.633 | 1027.131 | 10:15 | |
| 11.667 | 1030.511 | 10:17 | |
| 11.700 | 1035.822 | 10:19 | |
| 11.733 | 1038.960 | 10:21 | |
| 11.767 | 1041.132 | 10:23 | |
| 11.800 | 1040.167 | 10:25 | |
| 11.833 | 1037.270 | 10:27 | |
| 11.867 | 1034.856 | 10:29 | |
| 11.900 | 1031.959 | 10:31 | |
| 11.933 | 1028.097 | 10:33 | |
| 11.967 | 1025.683 | 10:35 | |
| 12.000 | 1023.752 | 10:37 | |
| 12.033 | 1023.269 | 10:39 | |
| 12.067 | 1026.648 | 10:41 | |
| 12.100 | 1033.166 | 10:43 | |
| 12.133 | 1038.236 | 10:45 | |
| 12.167 | 1043.064 | 10:47 | |
| 12.200 | 1046.443 | 10:49 | |
| 12.233 | 1045.236 | 10:51 | |
| 12.267 | 1041.857 | 10:53 | |
| 12.300 | 1037.511 | 10:55 | |
| 12.333 | 1033.890 | 10:57 | |
| 12.367 | 1030.752 | 10:59 | |
| 12.400 | 1026.648 | 11:01 | |
| 12.433 | 1022.545 | 11:03 | |
| 12.467 | 1022.545 | 11:05 | |
| 12.500 | 1025.200 | 11:07 | |

SPERRY-SUN INTERNATIONAL INC.
MAGNETIC RECORDING PRESSURE GAUGE REPORT

PAGE 9

A/S NORSKE SHELL
WILDCAT
31/2-2

OFFSHORE NORWAY
11th JULY 1980
MRPG-599-NOR

COMPLETION TEST NO. 4. RUN NO. 3. GAUGE SENSING DEPTH - 1,563.5 M.

| DELTA TIME | PRESSURE | TIME | DATE |
|---------------|----------|-------|---------|
| 12.533 | 1029.787 | 11: 9 | 9- 7-80 |
| 12.567 | 1033.408 | 11:11 | |
| 12.600 | 1037.029 | 11:13 | |
| 12.633 | 1036.063 | 11:15 | |
| 12.667 | 1035.339 | 11:17 | |
| 12.700 | 1032.925 | 11:19 | |
| 12.733 | 1029.304 | 11:21 | |
| 12.767 | 1025.200 | 11:23 | |
| 12.800 | 1021.096 | 11:25 | |
| 12.833 | 1019.648 | 11:27 | |
| 12.867 | 1020.855 | 11:29 | |
| 12.900 | 1023.269 | 11:31 | |
| 12.933 | 1027.855 | 11:33 | |
| 12.967 | 1035.580 | 11:35 | |
| 13.000 | 1042.339 | 11:37 | |
| 13.033 | 1044.995 | 11:39 | |
| 13.067 | 1046.202 | 11:41 | |
| 13.100 | 1043.546 | 11:43 | |
| 13.133 | 1039.443 | 11:45 | |
| 13.167 | 1036.063 | 11:47 | |
| 13.200 | 1032.683 | 11:49 | |
| 13.233 | 1026.648 | 11:51 | |
| 13.267 | 1022.062 | 11:53 | |
| 13.300 | 1017.717 | 11:55 | |
| 13.333 | 1016.992 | 11:57 | |
| 13.367 | 1018.199 | 11:59 | |
| 13.400 | 1020.613 | 12: 1 | |
| 13.433 | 1025.683 | 12: 3 | |
| 13.467 | 1028.097 | 12: 5 | |
| 13.500 | 1027.614 | 12: 7 | |
| 13.533 | 1026.648 | 12: 9 | |
| 13.567 | 1023.027 | 12:11 | |
| 13.600 | 1020.613 | 12:13 | |
| 13.633 | 1018.441 | 12:15 | |
| 13.667 | 1015.544 | 12:17 | |
| 13.700 | 1014.578 | 12:19 | |
| 13.733 | 1015.061 | 12:21 | |
| 13.767 | 1014.337 | 12:23 | |
| 13.800 | 1021.096 | 12:25 | |
| 13.833 | 1024.234 | 12:27 | |
| 13.867 | 1031.476 | 12:29 | |
| 13.900 | 1038.236 | 12:31 | |
| 13.933 | 1041.374 | 12:33 | |
| 13.967 | 1041.132 | 12:35 | |
| 14.000 | 1037.270 | 12:37 | |
| 14.033 | 1032.442 | 12:39 | |
| 14.067 | 1025.683 | 12:41 | |

SPERRY-SUN INTERNATIONAL INC.
MAGNETIC RECORDING PRESSURE GAUGE REPORT

PAGE 10

A/S NORSKE SHELL
WILDCAT
31/2-2

OFFSHORE NORWAY
11th JULY 1980
MRPG-599-NOR

COMPLETION TEST NO. 4. RUN NO. 3. GAUGE SENSING DEPTH - 1,563.5 M.

| DELTA TIME | PRESSURE | TIME | DATE |
|---------------|----------|-------|--------|
| 14.100 | 1022.786 | 12:43 | 9-7-80 |
| 14.133 | 1019.682 | 12:45 | |
| 14.167 | 1014.337 | 12:47 | |
| 14.200 | 1011.682 | 12:49 | |
| 14.233 | 1010.233 | 12:51 | |
| 14.267 | 1015.061 | 12:53 | |
| 14.300 | 1016.268 | 12:55 | |
| 14.333 | 1019.165 | 12:57 | |
| 14.367 | 1020.131 | 12:59 | |
| 14.400 | 1017.958 | 13: 1 | |
| 14.433 | 1016.268 | 13: 3 | |
| 14.467 | 1013.613 | 13: 5 | |
| 14.500 | 1009.268 | 13: 7 | |
| 14.533 | 1007.578 | 13: 9 | |
| 14.567 | 1005.405 | 13:11 | |
| 14.600 | 1003.474 | 13:13 | |
| 14.633 | 1002.991 | 13:15 | |
| 14.667 | 1005.405 | 13:17 | |
| 14.700 | 1013.371 | 13:19 | |
| 14.733 | 1017.958 | 13:21 | |
| 14.767 | 1029.545 | 13:23 | |
| 14.800 | 1036.063 | 13:25 | |
| 14.833 | 1038.477 | 13:27 | |
| 14.867 | 1037.994 | 13:29 | |
| 14.900 | 1034.373 | 13:31 | |
| 14.933 | 1028.821 | 13:33 | |
| 14.967 | 1024.717 | 13:35 | |
| 15.000 | 1019.406 | 13:37 | |
| 15.033 | 1014.578 | 13:39 | |
| 15.067 | 1011.440 | 13:41 | |
| 15.100 | 1010.716 | 13:43 | |
| 15.133 | 1014.337 | 13:45 | |
| 15.167 | 1016.510 | 13:47 | |
| 15.200 | 1017.717 | 13:49 | |
| 15.233 | 1020.131 | 13:51 | |
| 15.267 | 1018.682 | 13:53 | |
| 15.300 | 1017.234 | 13:55 | |
| 15.333 | 1016.510 | 13:57 | |
| 15.367 | 1011.682 | 13:59 | |
| 15.400 | 1008.543 | 14: 1 | |
| 15.433 | 1004.440 | 14: 3 | |
| 15.467 | 1002.750 | 14: 5 | |
| 15.500 | 1001.301 | 14: 7 | |
| 15.533 | 999.853 | 14: 9 | |
| 15.567 | 1002.267 | 14:11 | |
| 15.600 | 1005.164 | 14:13 | |
| 15.633 | 1011.682 | 14:15 | |

SPERRY-SUN INTERNATIONAL INC.
MAGNETIC RECORDING PRESSURE GAUGE REPORT

PAGE 11

A/S NORSKE SHELL
WILDCAT
31/2-2

OFFSHORE NORWAY
11th JULY 1980
MRPG-599-NOR

COMPLETION TEST NO. 4. RUN NO. 3. GAUGE SENSING DEPTH - 1,563.5 M.

| DELTA TIME | PRESSURE | TIME | DATE |
|---------------|----------|-------|--------|
| 15.667 | 1017.958 | 14:17 | 9-7-80 |
| 15.700 | 1021.820 | 14:19 | |
| 15.733 | 1020.613 | 14:21 | |
| 15.767 | 1018.924 | 14:23 | |
| 15.800 | 1014.820 | 14:25 | |
| 15.833 | 1010.233 | 14:27 | |
| 15.867 | 1005.889 | 14:29 | |
| 15.900 | 1002.750 | 14:31 | |
| 15.933 | 1000.336 | 14:33 | |
| 15.967 | 1002.508 | 14:35 | |
| 16.000 | 1005.647 | 14:37 | |
| 16.033 | 1010.233 | 14:39 | |
| 16.067 | 1016.268 | 14:41 | |
| 16.100 | 1019.165 | 14:43 | |
| 16.133 | 1019.165 | 14:45 | |
| 16.167 | 1017.717 | 14:47 | |
| 16.200 | 1016.751 | 14:49 | |
| 16.233 | 1013.130 | 14:51 | |
| 16.267 | 1009.302 | 14:53 | |
| 16.300 | 1005.164 | 14:55 | |
| 16.333 | 1000.819 | 14:57 | |
| 16.367 | 998.405 | 14:59 | |
| 16.400 | 998.887 | 15:1 | |
| 16.433 | 1002.508 | 15:3 | |
| 16.467 | 1005.405 | 15:5 | |
| 16.500 | 1012.647 | 15:7 | |
| 16.533 | 1016.992 | 15:9 | |
| 16.567 | 1019.165 | 15:11 | |
| 16.600 | 1018.924 | 15:13 | |
| 16.633 | 1015.061 | 15:15 | |
| 16.667 | 1010.233 | 15:17 | |
| 16.700 | 1009.268 | 15:19 | |
| 16.733 | 1004.681 | 15:21 | |
| 16.767 | 1002.267 | 15:23 | |
| 16.800 | 1000.819 | 15:25 | |
| 16.833 | 999.853 | 15:27 | |
| 16.867 | 1001.060 | 15:29 | |
| 16.900 | 1008.061 | 15:31 | |
| 16.933 | 1015.061 | 15:33 | |
| 16.967 | 1018.199 | 15:35 | |
| 17.000 | 1021.579 | 15:37 | |
| 17.033 | 1020.613 | 15:39 | |
| 17.067 | 1019.889 | 15:41 | |
| 17.100 | 1016.268 | 15:43 | |
| 17.133 | 1014.096 | 15:45 | |
| 17.167 | 1010.475 | 15:47 | |
| 17.200 | 1007.336 | 15:49 | |

SPERRY-SUN INTERNATIONAL INC.
MAGNETIC RECORDING PRESSURE GAUGE REPORT

PAGE 12

A/S NORSKE SHELL
WILDCAT
31/2-2

OFFSHORE NORWAY
11th JULY 1980
MRPG-599-NOR

COMPLETION TEST NO. 4. RUN NO. 3. GAUGE SENSING DEPTH - 1,563.5 M.

| DELTA TIME | PRESSURE | TIME | DATE |
|---------------|----------|-------|--------|
| 17.233 | 1003.957 | 15:51 | 9-7-80 |
| 17.267 | 1002.267 | 15:53 | |
| 17.300 | 1000.577 | 15:55 | |
| 17.333 | 1006.129 | 15:57 | |
| 17.367 | 1008.785 | 15:59 | |
| 17.400 | 1012.406 | 16: 1 | |
| 17.433 | 1014.337 | 16: 3 | |
| 17.467 | 1012.889 | 16: 5 | |
| 17.500 | 1009.750 | 16: 7 | |
| 17.533 | 1007.095 | 16: 9 | |
| 17.567 | 1004.922 | 16:11 | |
| 17.600 | 1001.060 | 16:13 | |
| 17.633 | 997.680 | 16:15 | |
| 17.667 | 994.784 | 16:17 | |
| 17.700 | 992.852 | 16:19 | |
| 17.733 | 995.025 | 16:21 | |
| 17.767 | 994.059 | 16:23 | |
| 17.800 | 1002.026 | 16:25 | |
| 17.833 | 1007.819 | 16:27 | |
| 17.867 | 1013.130 | 16:29 | |
| 17.900 | 1016.510 | 16:31 | |
| 17.933 | 1016.510 | 16:33 | |
| 17.967 | 1015.061 | 16:35 | |
| 18.000 | 1012.406 | 16:37 | |
| 18.033 | 1007.819 | 16:39 | |
| 18.067 | 1003.474 | 16:41 | |
| 18.100 | 999.612 | 16:43 | |
| 18.133 | 999.129 | 16:45 | |
| 18.167 | 999.612 | 16:47 | |
| 18.200 | 1001.060 | 16:49 | |
| 18.233 | 1006.371 | 16:51 | |
| 18.267 | 1010.475 | 16:53 | |
| 18.300 | 1013.130 | 16:55 | |
| 18.333 | 1013.854 | 16:57 | |
| 18.367 | 1013.854 | 16:59 | |
| 18.400 | 1010.475 | 17: 1 | |
| 18.433 | 1009.026 | 17: 3 | |
| 18.467 | 1005.647 | 17: 5 | |
| 18.500 | 1003.233 | 17: 7 | |
| 18.533 | 1001.543 | 17: 9 | |
| 18.567 | 996.715 | 17:11 | |
| 18.600 | 995.508 | 17:13 | |
| 18.633 | 996.715 | 17:15 | |
| 18.667 | 997.439 | 17:17 | |
| 18.700 | 1002.508 | 17:19 | |
| 18.733 | 1006.371 | 17:21 | |
| 18.767 | 1011.199 | 17:23 | |

SPERRY-SUN INTERNATIONAL INC.
MAGNETIC RECORDING PRESSURE GAUGE REPORT

PAGE 13

A/S NORSKE SHELL
WILOCAT
31/2-2

OFFSHORE NORWAY
11th JULY 1980
MRPG-599-NOR

COMPLETION TEST NO. 4. RUN NO. 3. GAUGE SENSING DEPTH - 1,563.5 M.

| DELTA TIME | PRESSURE | TIME | DATE |
|---------------|----------|--------|--------|
| 18.800 | 1011.440 | 17:25 | 9-7-80 |
| 18.833 | 1009.509 | 17:27 | |
| 18.867 | 1006.612 | 17:29 | |
| 18.900 | 1002.991 | 17:31 | |
| 18.933 | 999.612 | 17:33 | |
| 18.967 | 997.680 | 17:35 | |
| 19.000 | 995.508 | 17:37 | |
| 19.033 | 993.335 | 17:39 | |
| 19.067 | 993.335 | 17:41 | |
| 19.100 | 998.163 | 17:43 | |
| 19.133 | 999.853 | 17:45 | |
| 19.167 | 1007.095 | 17:47 | |
| 19.200 | 1012.647 | 17:49 | |
| 19.233 | 1015.061 | 17:51 | |
| 19.267 | 1013.854 | 17:53 | |
| 19.300 | 1011.682 | 17:55 | |
| 19.333 | 1008.785 | 17:57 | |
| 19.367 | 1006.612 | 17:59 | |
| 19.400 | 1002.267 | 18: 4 | |
| 19.433 | 1001.301 | 18: 3 | |
| 19.467 | 996.715 | 18: 5 | |
| 19.500 | 996.956 | 18: 7 | |
| 19.533 | 995.749 | 18: 9 | |
| 19.567 | 998.163 | 18: 11 | |
| 19.600 | 1005.888 | 18: 13 | |
| 19.633 | 1011.682 | 18: 15 | |
| 19.667 | 1014.578 | 18: 17 | |
| 19.700 | 1016.268 | 18: 19 | |
| 19.733 | 1014.578 | 18: 21 | |
| 19.767 | 1011.440 | 18: 23 | |
| 19.800 | 1007.819 | 18: 25 | |
| 19.833 | 1002.508 | 18: 27 | |
| 19.867 | 997.680 | 18: 29 | |
| 19.900 | 994.542 | 18: 31 | |
| 19.933 | 992.128 | 18: 33 | |
| 19.967 | 991.404 | 18: 35 | |
| 20.000 | 993.335 | 18: 37 | |
| 20.033 | 996.956 | 18: 39 | |
| 20.067 | 1002.508 | 18: 41 | |
| 20.100 | 1008.543 | 18: 43 | |
| 20.133 | 1011.440 | 18: 45 | |
| 20.167 | 1012.406 | 18: 47 | |
| 20.200 | 1010.957 | 18: 49 | |
| 20.233 | 1007.336 | 18: 51 | |
| 20.267 | 1005.888 | 18: 53 | |
| 20.300 | 1002.026 | 18: 55 | |
| 20.333 | 1000.819 | 18: 57 | |

SPERRY-SUN INTERNATIONAL INC.
MAGNETIC RECORDING PRESSURE GAUGE REPORT

PAGE 14

A/S NORSKE SHELL
WILDCAT
31/2-2

OFFSHORE NORWAY
11th JULY 1980
MRPG-599-NOR

COMPLETION TEST NO. 4. RUN NO. 3. GAUGE SENSING DEPTH - 1,563.5 M.

| DELTA TIME | PRESSURE | TIME | DATE |
|---------------|----------|-------|--------|
| 20.367 | 996.956 | 18:59 | 9-7-80 |
| 20.400 | 994.784 | 19: 1 | |
| 20.433 | 994.784 | 19: 3 | |
| 20.467 | 997.439 | 19: 5 | |
| 20.500 | 1001.543 | 19: 7 | |
| 20.533 | 1009.509 | 19: 9 | |
| 20.567 | 1015.544 | 19:11 | |
| 20.600 | 1019.165 | 19:13 | |
| 20.633 | 1017.958 | 19:15 | |
| 20.667 | 1015.785 | 19:17 | |
| 20.700 | 1011.923 | 19:19 | |
| 20.733 | 1008.785 | 19:21 | |
| 20.767 | 1004.922 | 19:23 | |
| 20.800 | 999.853 | 19:25 | |
| 20.833 | 996.715 | 19:27 | |
| 20.867 | 994.784 | 19:29 | |
| 20.900 | 996.232 | 19:31 | |
| 20.933 | 1000.819 | 19:33 | |
| 20.967 | 1004.681 | 19:35 | |
| 21.000 | 1011.440 | 19:37 | |
| 21.033 | 1016.268 | 19:39 | |
| 21.067 | 1018.924 | 19:41 | |
| 21.100 | 1019.165 | 19:43 | |
| 21.133 | 1016.992 | 19:45 | |
| 21.167 | 1012.647 | 19:47 | |
| 21.200 | 1009.026 | 19:49 | |
| 21.233 | 1003.957 | 19:51 | |
| 21.267 | 1001.301 | 19:53 | |
| 21.300 | 998.163 | 19:55 | |
| 21.333 | 994.784 | 19:57 | |
| 21.367 | 992.611 | 19:59 | |
| 21.400 | 998.163 | 20: 1 | |
| 21.433 | 1000.577 | 20: 3 | |
| 21.467 | 1008.061 | 20: 5 | |
| 21.500 | 1013.854 | 20: 7 | |
| 21.533 | 1016.992 | 20: 9 | |
| 21.567 | 1016.992 | 20:11 | |
| 21.600 | 1013.854 | 20:13 | |
| 21.633 | 1010.233 | 20:15 | |
| 21.667 | 1006.854 | 20:17 | |
| 21.700 | 1002.508 | 20:19 | |
| 21.733 | 999.370 | 20:21 | |
| 21.767 | 996.956 | 20:23 | |
| 21.800 | 994.542 | 20:25 | |
| 21.833 | 996.232 | 20:27 | |
| 21.867 | 997.198 | 20:29 | |
| 21.900 | 1000.577 | 20:31 | |

SPERRY-SUN INTERNATIONAL INC.
MAGNETIC RECORDING PRESSURE GAUGE REPORT

PAGE 15

A/S NORSKE SHELL
WILDCAT
31/2-2

OFFSHORE NORWAY
11th JULY 1980
MRPG-599-NOR

COMPLETION TEST NO. 4. RUN NO. 3. GAUGE SENSING DEPTH - 1,563.5 M.

| DELTA TIME | PRESSURE | TIME | DATE |
|---------------|----------|-------|---------|
| 21.933 | 1006.371 | 20:33 | 9- 7-80 |
| 21.967 | 1011.440 | 20:35 | |
| 22.000 | 1014.820 | 20:37 | |
| 22.033 | 1014.096 | 20:39 | |
| 22.067 | 1011.682 | 20:41 | |
| 22.100 | 1007.819 | 20:43 | |
| 22.133 | 1003.715 | 20:45 | |
| 22.167 | 1001.060 | 20:47 | |
| 22.200 | 997.198 | 20:49 | |
| 22.233 | 994.542 | 20:51 | |
| 22.267 | 994.542 | 20:53 | |
| 22.300 | 992.370 | 20:55 | |
| 22.333 | 994.784 | 20:57 | |
| 22.367 | 1000.094 | 20:59 | |
| 22.400 | 1002.991 | 21: 1 | |
| 22.433 | 1065.888 | 21: 3 | |
| 22.467 | 1006.371 | 21: 5 | |
| 22.500 | 1004.922 | 21: 7 | |
| 22.533 | 1005.164 | 21: 9 | |
| 22.567 | 1002.508 | 21:11 | |
| 22.600 | 997.922 | 21:13 | |
| 22.633 | 992.370 | 21:15 | |
| 22.667 | 987.300 | 21:17 | |
| 22.700 | 985.610 | 21:19 | |
| 22.733 | 985.610 | 21:21 | |
| 22.767 | 984.886 | 21:23 | |
| 22.800 | 988.024 | 21:25 | |
| 22.833 | 992.370 | 21:27 | |
| 22.867 | 996.956 | 21:29 | |
| 22.900 | 1002.991 | 21:31 | |
| 22.933 | 1005.888 | 21:33 | |
| 22.967 | 1007.819 | 21:35 | |
| 23.000 | 1008.061 | 21:37 | |
| 23.033 | 1005.164 | 21:39 | |
| 23.067 | 1002.508 | 21:41 | |
| 23.100 | 999.853 | 21:43 | |
| 23.133 | 996.232 | 21:45 | |
| 23.167 | 992.128 | 21:47 | |
| 23.200 | 990.680 | 21:49 | |
| 23.233 | 989.231 | 21:51 | |
| 23.267 | 995.266 | 21:53 | |
| 23.300 | 1000.336 | 21:55 | |
| 23.333 | 1008.543 | 21:57 | |
| 23.367 | 1015.061 | 21:59 | |
| 23.400 | 1020.855 | 22: 1 | |
| 23.433 | 1023.752 | 22: 3 | |
| 23.467 | 1021.579 | 22: 5 | |

SPERRY-SUN INTERNATIONAL INC.
MAGNETIC RECORDING PRESSURE GAUGE REPORT

A/S NORSKE SHELL
WILDCAT
31/2-2

OFFSHORE NORWAY
11th JULY 1980
MRPG-599-NOR

COMPLETION TEST NO. 4. RUN NO. 3. GAUGE SENSING DEPTH - 1,563.5 M.

| DELTA TIME | PRESSURE | TIME | DATE |
|---------------|----------|-------|---------|
| 23.500 | 1019.406 | 22: 7 | 9- 7-80 |
| 23.533 | 1013.854 | 22: 9 | |
| 23.567 | 1010.475 | 22:11 | |
| 23.600 | 1004.681 | 22:13 | |
| 23.633 | 1001.060 | 22:15 | |
| 23.667 | 998.163 | 22:17 | |
| 23.700 | 994.301 | 22:19 | |
| 23.733 | 993.094 | 22:21 | |
| 23.767 | 993.094 | 22:23 | |
| 23.800 | 993.577 | 22:25 | |
| 23.833 | 998.163 | 22:27 | |
| 23.867 | 999.612 | 22:29 | |
| 23.900 | 1002.750 | 22:31 | |
| 23.933 | 1003.474 | 22:33 | |
| 23.967 | 1003.474 | 22:35 | |
| 24.000 | 1061.301 | 22:37 | |
| 24.033 | 998.163 | 22:39 | |
| 24.067 | 994.542 | 22:41 | |
| 24.100 | 989.714 | 22:43 | |
| 24.133 | 988.266 | 22:45 | |
| 24.167 | 983.921 | 22:47 | |
| 24.200 | 983.921 | 22:49 | |
| 24.233 | 984.403 | 22:51 | |
| 24.267 | 988.507 | 22:53 | |
| 24.300 | 995.749 | 22:55 | |
| 24.333 | 1003.957 | 22:57 | |
| 24.367 | 1009.992 | 22:59 | |
| 24.400 | 1015.061 | 23: 1 | |
| 24.433 | 1017.958 | 23: 3 | |
| 24.467 | 1019.406 | 23: 5 | |
| 24.500 | 1020.613 | 23: 7 | |
| 24.533 | 1016.751 | 23: 9 | |
| 24.567 | 1011.923 | 23:11 | |
| 24.600 | 1004.681 | 23:13 | |
| 24.633 | 997.922 | 23:15 | |
| 24.667 | 992.128 | 23:17 | |
| 24.700 | 989.231 | 23:19 | |
| 24.733 | 986.817 | 23:21 | |
| 24.767 | 990.921 | 23:23 | |
| 24.800 | 995.508 | 23:25 | |
| 24.833 | 1001.060 | 23:27 | |
| 24.867 | 1005.888 | 23:29 | |
| 24.900 | 1009.509 | 23:31 | |
| 24.933 | 1012.889 | 23:33 | |
| 24.967 | 1012.889 | 23:35 | |
| 25.000 | 1009.992 | 23:37 | |
| 25.033 | 1007.336 | 23:39 | |

SPERRY-SUN INTERNATIONAL INC.
MAGNETIC RECORDING PRESSURE GAUGE REPORT

PAGE 17

A/S NORSKE SHELL
WILDCAT
31/2-2

OFFSHORE NORWAY
11th JULY 1980
MRPG-599-NOR

COMPLETION TEST NO. 4. RUN NO. 3. GAUGE SENSING DEPTH - 1,563.5 M.

| DELTA TIME | PRESSURE | TIME | DATE |
|---------------|----------|-------|----------|
| 25.067 | 1003.715 | 23:41 | 9- 7-80 |
| 25.100 | 1001.060 | 23:43 | |
| 25.133 | 997.198 | 23:45 | |
| 25.167 | 992.370 | 23:47 | |
| 25.200 | 988.507 | 23:49 | |
| 25.233 | 988.749 | 23:51 | |
| 25.267 | 988.990 | 23:53 | |
| 25.300 | 996.715 | 23:55 | |
| 25.333 | 1004.922 | 23:57 | |
| 25.367 | 1015.061 | 23:59 | |
| 25.400 | 1021.338 | 0: 1 | 10- 7-80 |
| 25.433 | 1024.234 | 0: 3 | |
| 25.467 | 1026.648 | 0: 5 | |
| 25.500 | 1025.924 | 0: 7 | |
| 25.533 | 1021.096 | 0: 9 | |
| 25.567 | 1014.096 | 0:11 | |
| 25.600 | 1008.543 | 0:13 | |
| 25.633 | 998.163 | 0:15 | |
| 25.667 | 994.301 | 0:17 | |
| 25.700 | 988.507 | 0:19 | |
| 25.733 | 984.886 | 0:21 | |
| 25.767 | 984.162 | 0:23 | |
| 25.800 | 982.955 | 0:25 | |
| 25.833 | 990.438 | 0:27 | |
| 25.867 | 994.301 | 0:29 | |
| 25.900 | 1000.093 | 0:31 | |
| 25.933 | 1004.440 | 0:33 | |
| 25.967 | 1002.026 | 0:35 | |
| 26.000 | 999.612 | 0:37 | |
| 26.033 | 999.370 | 0:39 | |
| 26.067 | 995.991 | 0:41 | |
| 26.100 | 992.852 | 0:43 | |
| 26.133 | 987.300 | 0:45 | |
| 26.167 | 982.955 | 0:47 | |
| 26.200 | 979.817 | 0:49 | |
| 26.233 | 980.541 | 0:51 | |
| 26.267 | 983.921 | 0:53 | |
| 26.300 | 988.990 | 0:55 | |
| 26.333 | 1000.577 | 0:57 | |
| 26.367 | 1011.923 | 0:59 | |
| 26.400 | 1021.338 | 1: 1 | |
| 26.433 | 1029.787 | 1: 3 | |
| 26.467 | 1033.890 | 1: 5 | |
| 26.500 | 1035.339 | 1: 7 | |
| 26.533 | 1032.925 | 1: 9 | |
| 26.567 | 1027.614 | 1:11 | |
| 26.600 | 1020.372 | 1:13 | |

SPERRY-SUN INTERNATIONAL INC.
MAGNETIC RECORDING PRESSURE GAUGE REPORT

PAGE 18

A/S NORSKE SHELL
WILDCAT
31/2-2

OFFSHORE NORWAY
11th JULY 1980
MRPG-599-NOR

COMPLETION TEST NO. 4. RUN NO. 3. GAUGE SENSING DEPTH - 1,563.5 M.

| DELTA TIME | PRESSURE | TIME | DATE |
|---------------|----------|------|---------|
| 26.633 | 1011.199 | 1:15 | 10-7-80 |
| 26.667 | 1003.233 | 1:17 | |
| 26.700 | 996.956 | 1:19 | |
| 26.733 | 992.128 | 1:21 | |
| 26.767 | 988.024 | 1:23 | |
| 26.800 | 988.266 | 1:25 | |
| 26.833 | 988.749 | 1:27 | |
| 26.867 | 993.818 | 1:29 | |
| 26.900 | 995.266 | 1:31 | |
| 26.933 | 998.405 | 1:33 | |
| 26.967 | 997.198 | 1:35 | |
| 27.000 | 995.749 | 1:37 | |
| 27.033 | 993.335 | 1:39 | |
| 27.067 | 988.266 | 1:41 | |
| 27.100 | 984.886 | 1:43 | |
| 27.133 | 964.162 | 1:45 | |
| 27.167 | 983.196 | 1:47 | |
| 27.200 | 982.472 | 1:49 | |
| 27.233 | 981.748 | 1:51 | |
| 27.267 | 980.782 | 1:53 | |
| 27.300 | 982.714 | 1:55 | |
| 27.333 | 987.783 | 1:57 | |
| 27.367 | 993.818 | 1:59 | |
| 27.400 | 1005.647 | 2:01 | |
| 27.433 | 1019.406 | 2:03 | |
| 27.467 | 1028.097 | 2:05 | |
| 27.500 | 1035.580 | 2:07 | |
| 27.533 | 1038.236 | 2:09 | |
| 27.567 | 1034.373 | 2:11 | |
| 27.600 | 1027.614 | 2:13 | |
| 27.633 | 1019.406 | 2:15 | |
| 27.667 | 1009.750 | 2:17 | |
| 27.700 | 1003.715 | 2:19 | |
| 27.733 | 995.266 | 2:21 | |
| 27.767 | 991.887 | 2:23 | |
| 27.800 | 988.266 | 2:25 | |
| 27.833 | 989.473 | 2:27 | |
| 27.867 | 990.921 | 2:29 | |
| 27.900 | 992.128 | 2:31 | |
| 27.933 | 995.508 | 2:33 | |
| 27.967 | 999.612 | 2:35 | |
| 28.000 | 1001.060 | 2:37 | |
| 28.033 | 1000.336 | 2:39 | |
| 28.067 | 1002.267 | 2:41 | |
| 28.100 | 1005.647 | 2:43 | |
| 28.133 | 1005.405 | 2:45 | |
| 28.167 | 1000.819 | 2:47 | |

CHANGE TO 40/64" ADJ. CHOKE

CHANGE TO 40/64" POS. CHOKE

SPERRY-SUN INTERNATIONAL INC.
MAGNETIC RECORDING PRESSURE GAUGE REPORT

PAGE 19

A/S NORSKE SHELL
WILDCAT
31/2-2

OFFSHORE NORWAY
11th JULY 1980
MRPG-599-NOR

COMPLETION TEST NO. 4. RUN NO. 3. GAUGE SENSING DEPTH - 1,563.5 M.

| DELTA TIME | PRESSURE | TIME | DATE |
|---------------|----------|------|---------|
| 28.200 | 1002.026 | 2:49 | 10-7-80 |
| 28.233 | 999.370 | 2:51 | |
| 28.267 | 1001.060 | 2:53 | |
| 28.300 | 1002.991 | 2:55 | |
| 28.333 | 1002.750 | 2:57 | |
| 28.367 | 1004.922 | 2:59 | |
| 28.400 | 1012.889 | 3:1 | |
| 28.433 | 1017.958 | 3:3 | |
| 28.467 | 1030.028 | 3:5 | |
| 28.500 | 1039.925 | 3:7 | |
| 28.533 | 1044.753 | 3:9 | |
| 28.567 | 1051.030 | 3:11 | |
| 28.600 | 1051.271 | 3:13 | |
| 28.633 | 1046.202 | 3:15 | |
| 28.667 | 1041.857 | 3:17 | |
| 28.700 | 1038.236 | 3:19 | |
| 28.733 | 1032.925 | 3:21 | |
| 28.767 | 1025.441 | 3:23 | |
| 28.800 | 1017.475 | 3:25 | |
| 28.833 | 1011.440 | 3:27 | |
| 28.867 | 1006.129 | 3:29 | |
| 28.900 | 1002.267 | 3:31 | |
| 28.933 | 997.198 | 3:33 | |
| 28.967 | 994.059 | 3:35 | |
| 29.000 | 991.404 | 3:37 | |
| 29.033 | 991.163 | 3:39 | |
| 29.067 | 992.370 | 3:41 | |
| 29.100 | 991.404 | 3:43 | |
| 29.133 | 991.645 | 3:45 | |
| 29.167 | 991.404 | 3:47 | |
| 29.200 | 990.197 | 3:49 | |
| 29.233 | 989.473 | 3:51 | |
| 29.267 | 989.231 | 3:53 | |
| 29.300 | 992.128 | 3:55 | |
| 29.333 | 992.852 | 3:57 | |
| 29.367 | 994.542 | 3:59 | |
| 29.400 | 995.991 | 4:1 | |
| 29.433 | 995.991 | 4:3 | |
| 29.467 | 1003.715 | 4:5 | |
| 29.500 | 1004.198 | 4:7 | |
| 29.533 | 1017.958 | 4:9 | |
| 29.567 | 1023.510 | 4:11 | |
| 29.600 | 1032.201 | 4:13 | |
| 29.633 | 1042.822 | 4:15 | |
| 29.667 | 1050.547 | 4:17 | |
| 29.700 | 1052.720 | 4:19 | |
| 29.733 | 1055.134 | 4:21 | |

SPERRY-SUN INTERNATIONAL INC.
MAGNETIC RECORDING PRESSURE GAUGE REPORT

PAGE 20

A/S NORSKE SHELL
WILDCAT
31/2-2

OFFSHORE NORWAY
11th JULY 1980
MRPG-599-NOR

COMPLETION TEST NO. 4. RUN NO. 3. GAUGE SENSING DEPTH - 1,563.5 M.

| DELTA TIME | PRESSURE | TIME | DATE |
|---------------|----------|------|---------|
| 29.767 | 1055.134 | 4:23 | 10-7-80 |
| 29.800 | 1051.271 | 4:25 | |
| 29.833 | 1046.685 | 4:27 | |
| 29.867 | 1040.408 | 4:29 | |
| 29.900 | 1034.615 | 4:31 | |
| 29.933 | 1032.683 | 4:33 | |
| 29.967 | 1028.821 | 4:35 | |
| 30.000 | 1024.959 | 4:37 | |
| 30.033 | 1021.338 | 4:39 | |
| 30.067 | 1017.234 | 4:41 | |
| 30.100 | 1016.510 | 4:43 | |
| 30.133 | 1014.337 | 4:45 | |
| 30.167 | 1012.647 | 4:47 | |
| 30.200 | 1010.716 | 4:49 | |
| 30.233 | 1006.371 | 4:51 | |
| 30.267 | 1003.474 | 4:53 | |
| 30.300 | 1000.336 | 4:55 | |
| 30.333 | 999.370 | 4:57 | |
| 30.367 | 998.887 | 4:59 | |
| 30.400 | 1000.336 | 5:1 | |
| 30.433 | 998.887 | 5:3 | |
| 30.467 | 1001.060 | 5:5 | |
| 30.500 | 1003.474 | 5:7 | |
| 30.533 | 1005.888 | 5:9 | |
| 30.567 | 1006.371 | 5:11 | |
| 30.600 | 1009.750 | 5:13 | |
| 30.633 | 1013.854 | 5:15 | |
| 30.667 | 1016.751 | 5:17 | |
| 30.700 | 1019.648 | 5:19 | |
| 30.733 | 1023.027 | 5:21 | |
| 30.767 | 1028.580 | 5:23 | |
| 30.800 | 1029.545 | 5:25 | |
| 30.833 | 1031.476 | 5:27 | |
| 30.867 | 1033.166 | 5:29 | |
| 30.900 | 1031.959 | 5:31 | |
| 30.933 | 1030.511 | 5:33 | |
| 30.967 | 1030.511 | 5:35 | |
| 31.000 | 1028.821 | 5:37 | |
| 31.033 | 1027.614 | 5:39 | |
| 31.067 | 1027.614 | 5:41 | |
| 31.100 | 1024.476 | 5:43 | |
| 31.133 | 1021.338 | 5:45 | |
| 31.167 | 1018.441 | 5:47 | |
| 31.200 | 1013.854 | 5:49 | |
| 31.233 | 1010.957 | 5:51 | |
| 31.267 | 1008.543 | 5:53 | |
| 31.300 | 1006.612 | 5:55 | |

SPERRY-SUN INTERNATIONAL INC.
MAGNETIC RECORDING PRESSURE GAUGE REPORT

PAGE 21

A/S NORSKE SHELL
WILDCAT
31/2-2

OFFSHORE NORWAY
11th JULY 1980
MRPG-599-NOR

COMPLETION TEST NO. 4. RUN NO. 3. GAUGE SENSING DEPTH - 1,563.5 M.

| DELTA TIME | PRESSURE | TIME | DATE |
|---------------|----------|------|---------|
| 31.333 | 1004.198 | 5:57 | 10-7-80 |
| 31.367 | 1002.508 | 5:59 | |
| 31.400 | 1002.026 | 6:1 | |
| 31.433 | 1000.336 | 6:3 | |
| 31.467 | 1000.577 | 6:5 | |
| 31.500 | 1001.060 | 6:7 | |
| 31.533 | 1000.577 | 6:9 | |
| 31.567 | 1001.060 | 6:11 | |
| 31.600 | 1001.301 | 6:13 | |
| 31.633 | 1001.301 | 6:15 | |
| 31.667 | 1002.508 | 6:17 | |
| 31.700 | 1003.233 | 6:19 | |
| 31.733 | 1003.474 | 6:21 | |
| 31.767 | 1003.474 | 6:23 | |
| 31.800 | 1005.164 | 6:25 | |
| 31.833 | 1005.647 | 6:27 | |
| 31.867 | 1006.371 | 6:29 | |
| 31.900 | 1010.715 | 6:31 | |
| 31.933 | 1009.992 | 6:33 | |
| 31.967 | 1013.130 | 6:35 | |
| 32.000 | 1017.717 | 6:37 | |
| 32.033 | 1021.096 | 6:39 | |
| 32.067 | 1023.752 | 6:41 | |
| 32.100 | 1025.924 | 6:43 | |
| 32.133 | 1026.166 | 6:45 | |
| 32.167 | 1025.441 | 6:47 | |
| 32.200 | 1023.269 | 6:49 | |
| 32.233 | 1021.579 | 6:51 | |
| 32.267 | 1020.613 | 6:53 | |
| 32.300 | 1017.475 | 6:55 | |
| 32.333 | 1013.613 | 6:57 | |
| 32.367 | 1013.613 | 6:59 | |
| 32.400 | 1013.130 | 7:1 | |
| 32.433 | 1010.233 | 7:3 | |
| 32.467 | 1010.475 | 7:5 | |
| 32.500 | 1010.233 | 7:7 | |
| 32.533 | 1011.440 | 7:9 | |
| 32.567 | 1011.440 | 7:11 | |
| 32.600 | 1011.440 | 7:13 | |
| 32.633 | 1012.164 | 7:15 | |
| 32.667 | 1012.406 | 7:17 | |
| 32.700 | 1013.371 | 7:19 | |
| 32.733 | 1013.130 | 7:21 | |
| 32.767 | 1013.613 | 7:23 | |
| 32.800 | 1012.889 | 7:25 | |
| 32.833 | 1012.406 | 7:27 | |
| 32.867 | 1010.475 | 7:29 | |

SPERRY-SUN INTERNATIONAL INC.
MAGNETIC RECORDING PRESSURE GAUGE REPORT

PAGE 22

A/S NORSKE SHELL
WILDCAT
31/2-2

OFFSHORE NORWAY
11th JULY 1980
MRPG-599-NOR

COMPLETION TEST NO. 4. RUN NO. 3. GAUGE SENSING DEPTH - 1,563.5 M.

| DELTA TIME | PRESSURE | TIME | DATE |
|---------------|----------|------|---------|
| 32.900 | 1009.992 | 7:31 | 10-7-80 |
| 32.933 | 1008.302 | 7:33 | |
| 32.967 | 1009.992 | 7:35 | |
| 33.000 | 1007.819 | 7:37 | |
| 33.033 | 1009.992 | 7:39 | |
| 33.067 | 1014.096 | 7:41 | |
| 33.100 | 1016.027 | 7:43 | |
| 33.133 | 1017.958 | 7:45 | |
| 33.167 | 1020.131 | 7:47 | |
| 33.200 | 1020.131 | 7:49 | |
| 33.233 | 1019.406 | 7:51 | |
| 33.267 | 1018.941 | 7:53 | |
| 33.300 | 1018.199 | 7:55 | |
| 33.333 | 1016.992 | 7:57 | |
| 33.367 | 1015.544 | 7:59 | |
| 33.400 | 1014.096 | 8:1 | |
| 33.433 | 1011.440 | 8:3 | |
| 33.467 | 1011.440 | 8:5 | |
| 33.500 | 1011.440 | 8:7 | |
| 33.533 | 1012.406 | 8:9 | |
| 33.567 | 1013.130 | 8:11 | |
| 33.600 | 1013.371 | 8:13 | |
| 33.633 | 1015.061 | 8:15 | |
| 33.667 | 1015.544 | 8:17 | |
| 33.700 | 1017.475 | 8:19 | |
| 33.733 | 1018.199 | 8:21 | |
| 33.767 | 1019.165 | 8:23 | |
| 33.800 | 1017.475 | 8:25 | |
| 33.833 | 1017.717 | 8:27 | |
| 33.867 | 1016.268 | 8:29 | |
| 33.900 | 1015.785 | 8:31 | |
| 33.933 | 1015.785 | 8:33 | |
| 33.967 | 1013.130 | 8:35 | |
| 34.000 | 1011.199 | 8:37 | |
| 34.033 | 1011.440 | 8:39 | |
| 34.067 | 1010.233 | 8:41 | |
| 34.100 | 1012.406 | 8:43 | |
| 34.133 | 1013.854 | 8:45 | |
| 34.167 | 1015.544 | 8:47 | |
| 34.200 | 1018.924 | 8:49 | |
| 34.233 | 1020.131 | 8:51 | |
| 34.267 | 1020.613 | 8:53 | |
| 34.300 | 1018.924 | 8:55 | |
| 34.333 | 1017.958 | 8:57 | |
| 34.367 | 1016.751 | 8:59 | |
| 34.400 | 1016.268 | 9:1 | |
| 34.433 | 1013.854 | 9:3 | |

SPERRY-SUN INTERNATIONAL INC.
MAGNETIC RECORDING PRESSURE GAUGE REPORT

PAGE 23

A/S NORSKE SHELL
WILDCAT
31/2-2

OFFSHORE NORWAY
11th JULY 1980
MRPG-599-NOR

COMPLETION TEST NO. 4. RUN NO. 3. GAUGE SENSING DEPTH - 1,563.5 M.

| DELTA TIME | PRESSURE | TIME | DATE |
|---------------|----------|-------|----------|
| 34.467 | 1012.889 | 9: 5 | 10- 7-80 |
| 34.500 | 1012.406 | 9: 7 | |
| 34.533 | 1009.750 | 9: 9 | |
| 34.567 | 1011.199 | 9:11 | |
| 34.600 | 1009.992 | 9:13 | |
| 34.633 | 1011.440 | 9:15 | |
| 34.667 | 1013.854 | 9:17 | |
| 34.700 | 1017.234 | 9:19 | |
| 34.733 | 1017.475 | 9:21 | |
| 34.767 | 1020.131 | 9:23 | |
| 34.800 | 1020.131 | 9:25 | |
| 34.833 | 1018.924 | 9:27 | |
| 34.867 | 1019.406 | 9:29 | |
| 34.900 | 1016.268 | 9:31 | |
| 34.933 | 1016.751 | 9:33 | |
| 34.967 | 1013.371 | 9:35 | |
| 35.000 | 1011.682 | 9:37 | |
| 35.033 | 1009.750 | 9:39 | |
| 35.067 | 1010.957 | 9:41 | |
| 35.100 | 1009.509 | 9:43 | |
| 35.133 | 1010.957 | 9:45 | |
| 35.167 | 1013.371 | 9:47 | |
| 35.200 | 1015.303 | 9:49 | |
| 35.233 | 1018.924 | 9:51 | |
| 35.267 | 1019.406 | 9:53 | |
| 35.300 | 1019.165 | 9:55 | |
| 35.333 | 1019.165 | 9:57 | |
| 35.367 | 1016.992 | 9:59 | |
| 35.400 | 1016.027 | 10:01 | |
| 35.433 | 1014.820 | 10: 3 | |
| 35.467 | 1013.130 | 10: 5 | |
| 35.500 | 1010.233 | 10: 7 | |
| 35.533 | 1007.578 | 10: 9 | |
| 35.567 | 1005.888 | 10:11 | |
| 35.600 | 1004.681 | 10:13 | |
| 35.633 | 1005.405 | 10:15 | |
| 35.667 | 1006.129 | 10:17 | |
| 35.700 | 1010.957 | 10:19 | |
| 35.733 | 1014.337 | 10:21 | |
| 35.767 | 1017.958 | 10:23 | |
| 35.800 | 1019.648 | 10:25 | |
| 35.833 | 1020.372 | 10:27 | |
| 35.867 | 1020.372 | 10:29 | |
| 35.900 | 1018.682 | 10:31 | |
| 35.933 | 1017.475 | 10:33 | |
| 35.967 | 1016.751 | 10:35 | |
| 36.000 | 1013.130 | 10:37 | |

SPERRY-SUN INTERNATIONAL INC.
MAGNETIC RECORDING PRESSURE GAUGE REPORT

PAGE 24

A/S NORSKE SHELL
WILDCAT
31/2-2

OFFSHORE NORWAY
11th JULY 1980
MRPG-599-NOR

COMPLETION TEST NO. 4. RUN NO. 3. GAUGE SENSING DEPTH - 1,563.5 M.

| DELTA TIME | PRESSURE | TIME | DATE |
|---------------|----------|-------|---------|
| 36.033 | 1010.957 | 10:39 | 10-7-80 |
| 36.067 | 1010.475 | 10:41 | |
| 36.100 | 1006.612 | 10:43 | |
| 36.133 | 1007.578 | 10:45 | |
| 36.167 | 1009.268 | 10:47 | |
| 36.200 | 1012.164 | 10:49 | |
| 36.233 | 1017.958 | 10:51 | |
| 36.267 | 1020.855 | 10:53 | |
| 36.300 | 1023.993 | 10:55 | |
| 36.333 | 1025.441 | 10:57 | |
| 36.367 | 1027.614 | 10:59 | |
| 36.400 | 1028.580 | 11: 1 | |
| 36.433 | 1028.338 | 11: 3 | |
| 36.467 | 1027.131 | 11: 5 | |
| 36.500 | 1023.752 | 11: 7 | |
| 36.533 | 1020.372 | 11: 9 | |
| 36.567 | 1016.751 | 11:11 | |
| 36.600 | 1016.510 | 11:13 | |
| 36.633 | 1014.337 | 11:15 | |
| 36.667 | 1012.647 | 11:17 | |
| 36.700 | 1011.199 | 11:19 | |
| 36.733 | 1012.889 | 11:21 | |
| 36.767 | 1017.475 | 11:23 | |
| 36.800 | 1018.199 | 11:25 | |
| 36.833 | 1019.165 | 11:27 | |
| 36.867 | 1021.579 | 11:29 | |
| 36.900 | 1022.545 | 11:31 | |
| 36.933 | 1022.545 | 11:33 | |
| 36.967 | 1018.199 | 11:35 | |
| 37.000 | 1023.752 | 11:37 | |
| 37.033 | 1022.303 | 11:39 | |
| 37.067 | 1026.407 | 11:41 | |
| 37.100 | 1042.098 | 11:43 | |
| 37.133 | 1052.720 | 11:45 | |
| 37.167 | 1053.444 | 11:47 | |
| 37.200 | 1054.409 | 11:49 | |
| 37.233 | 1065.272 | 11:51 | |
| 37.267 | 1090.861 | 11:53 | |
| 37.300 | 1113.070 | 11:55 | |
| 37.333 | 1130.692 | 11:57 | |
| 37.367 | 1128.519 | 11:59 | |
| 37.400 | 1127.554 | 12: 1 | |
| 37.433 | 1130.692 | 12: 3 | |
| 37.467 | 1140.831 | 12: 5 | |
| 37.500 | 1148.797 | 12: 7 | |
| 37.533 | 1149.280 | 12: 9 | |
| 37.567 | 1138.658 | 12:11 | |

SPERRY-SUN INTERNATIONAL INC.
MAGNETIC RECORDING PRESSURE GAUGE REPORT

PAGE 25

A/S NORSKE SHELL
WILDCAT
31/2-2

OFFSHORE NORWAY
11th JULY 1980
MRPG-599-NOR

COMPLETION TEST NO. 4. RUN NO. 3. GAUGE SENSING DEPTH - 1,563.5 M.

| DELTA TIME | PRESSURE | TIME | DATE |
|---------------|----------|-------|---------|
| 37.600 | 1130.692 | 12:13 | 10-7-80 |
| 37.633 | 1117.415 | 12:15 | |
| 37.667 | 1091.585 | 12:17 | |
| 37.700 | 1065.514 | 12:19 | |
| 37.733 | 1037.270 | 12:21 | |
| 37.767 | 1013.613 | 12:23 | |
| 37.800 | 992.370 | 12:25 | |
| 37.833 | 973.058 | 12:27 | |
| 37.867 | 963.160 | 12:29 | |
| 37.900 | 954.228 | 12:31 | |
| 37.933 | 948.918 | 12:33 | |
| 37.967 | 945.297 | 12:35 | |
| 38.000 | 950.607 | 12:37 | |
| 38.033 | 956.884 | 12:39 | |
| 38.067 | 962.677 | 12:41 | |
| 38.100 | 972.333 | 12:43 | |
| 38.133 | 977.886 | 12:45 | |
| 38.167 | 989.473 | 12:47 | |
| 38.200 | 1010.475 | 12:49 | |
| 38.233 | 1019.889 | 12:51 | |
| 38.267 | 1030.028 | 12:53 | |
| 38.300 | 1039.201 | 12:55 | |
| 38.333 | 1057.065 | 12:57 | |
| 38.367 | 1071.307 | 12:59 | |
| 38.400 | 1089.442 | 13:01 | |
| 38.433 | 1110.897 | 13:03 | |
| 38.467 | 1124.174 | 13:05 | |
| 38.500 | 1140.831 | 13:07 | |
| 38.533 | 1158.453 | 13:09 | |
| 38.567 | 1166.902 | 13:11 | |
| 38.600 | 1181.144 | 13:13 | |
| 38.633 | 1196.835 | 13:15 | |
| 38.667 | 1197.801 | 13:17 | |
| 38.700 | 1191.766 | 13:19 | |
| 38.733 | 1196.594 | 13:21 | |
| 38.767 | 1189.111 | 13:23 | |
| 38.800 | 1179.455 | 13:25 | |
| 38.833 | 1181.627 | 13:27 | |
| 38.867 | 1166.419 | 13:29 | |
| 38.900 | 1156.763 | 13:31 | |
| 38.933 | 1148.314 | 13:33 | |
| 38.967 | 1135.520 | 13:35 | |
| 39.000 | 1115.966 | 13:37 | |
| 39.033 | 959.298 | 13:39 | |
| 39.067 | 1076.377 | 13:41 | |
| 39.100 | 1053.685 | 13:43 | |
| 39.133 | 1049.581 | 13:45 | |

SPERRY-SUN INTERNATIONAL INC.
MAGNETIC RECORDING PRESSURE GAUGE REPORT

A/S NORSKE SHELL
WILDCAT
31/2-2

OFFSHORE NORWAY
11th JULY 1980
MRPG-599-NOR

COMPLETION TEST NO. 4. RUN NO. 3. GAUGE SENSING DEPTH - 1.563.5 M.

| DELTA TIME | PRESSURE | TIME | DATE |
|---------------|----------|-------|---------|
| 39.167 | 1041.374 | 13:47 | 10-7-80 |
| 39.200 | 1031.718 | 13:49 | |
| 39.233 | 1026.407 | 13:51 | |
| 39.267 | 1022.545 | 13:53 | |
| 39.300 | 1018.199 | 13:55 | |
| 39.333 | 1017.475 | 13:57 | |
| 39.367 | 1018.682 | 13:59 | |
| 39.400 | 1016.268 | 14:01 | |
| 39.433 | 1014.096 | 14:03 | |
| 39.467 | 1012.647 | 14:05 | |
| 39.500 | 1016.992 | 14:07 | |
| 39.533 | 1024.234 | 14:09 | |
| 39.567 | 1031.718 | 14:11 | |
| 39.600 | 1029.304 | 14:13 | |
| 39.633 | 1025.683 | 14:15 | |
| 39.667 | 1030.028 | 14:17 | |
| 39.700 | 1042.581 | 14:19 | |
| 39.733 | 1046.443 | 14:21 | |
| 39.767 | 1055.858 | 14:23 | |
| 39.800 | 1070.825 | 14:25 | |
| 39.833 | 1072.997 | 14:27 | |
| 39.867 | 1086.033 | 14:29 | |
| 39.900 | 1100.275 | 14:31 | |
| 39.933 | 1112.828 | 14:33 | |
| 39.967 | 1125.622 | 14:35 | |
| 40.000 | 1143.003 | 14:37 | |
| 40.033 | 1161.591 | 14:39 | |
| 40.067 | 1172.213 | 14:41 | |
| 40.100 | 1174.627 | 14:43 | |
| 40.133 | 1190.318 | 14:45 | |
| 40.167 | 1203.836 | 14:47 | |
| 40.200 | 1221.458 | 14:49 | |
| 40.233 | 1237.632 | 14:51 | |
| 40.267 | 1248.012 | 14:53 | |
| 40.300 | 1266.841 | 14:55 | |
| 40.333 | 1280.843 | 14:57 | |
| 40.367 | 1287.843 | 14:59 | |
| 40.400 | 1292.913 | 15:01 | |
| 40.433 | 1298.465 | 15:03 | |
| 40.467 | 1305.948 | 15:05 | |
| 40.500 | 1315.121 | 15:07 | |
| 40.533 | 1322.363 | 15:09 | |
| 40.567 | 1322.605 | 15:11 | |
| 40.600 | 1318.260 | 15:13 | |
| 40.633 | 1308.362 | 15:15 | |
| 40.667 | 1289.292 | 15:17 | |
| 40.700 | 1273.842 | 15:19 | |

SPERRY-SUN INTERNATIONAL INC.
MAGNETIC RECORDING PRESSURE GAUGE REPORT

PAGE 27

A/S NORSKE SHELL
WILDCAT
31/2-2

OFFSHORE NORWAY
11th JULY 1980
MRPG-599-NOR

COMPLETION TEST NO. 4. RUN NO. 3. GAUGE SENSING DEPTH - 1,563.5 M.

| DELTA TIME | PRESSURE | TIME | DATE |
|---------------|----------|-------|---------|
| 40.733 | 1256.703 | 15:21 | 10-7-80 |
| 40.767 | 1235.218 | 15:23 | |
| 40.800 | 1204.319 | 15:25 | |
| 40.833 | 1173.178 | 15:27 | |
| 40.867 | 1143.727 | 15:29 | |
| 40.900 | 1115.484 | 15:31 | |
| 40.933 | 1086.274 | 15:33 | |
| 40.967 | 1067.445 | 15:35 | |
| 41.000 | 1051.995 | 15:37 | |
| 41.033 | 1039.925 | 15:39 | |
| 41.067 | 1031.959 | 15:41 | |
| 41.100 | 1027.614 | 15:43 | |
| 41.133 | 1026.166 | 15:45 | |
| 41.167 | 1025.200 | 15:47 | |
| 41.200 | 1028.097 | 15:49 | |
| 41.233 | 1030.511 | 15:51 | |
| 41.267 | 1040.891 | 15:53 | |
| 41.300 | 1039.925 | 15:55 | |
| 41.333 | 1044.753 | 15:57 | |
| 41.367 | 1059.237 | 15:59 | |
| 41.400 | 1069.859 | 16:01 | |
| 41.433 | 1072.032 | 16:03 | |
| 41.467 | 1080.481 | 16:05 | |
| 41.500 | 1095.689 | 16:07 | |
| 41.533 | 1106.310 | 16:09 | |
| 41.567 | 1112.828 | 16:11 | |
| 41.600 | 1114.277 | 16:13 | |
| 41.633 | 1120.553 | 16:15 | |
| 41.667 | 1127.554 | 16:17 | |
| 41.700 | 1143.727 | 16:19 | |
| 41.733 | 1152.901 | 16:21 | |
| 41.767 | 1154.108 | 16:23 | |

WELL SHUT IN AT 16.23

SPERRY-SUN INTERNATIONAL INC.
MAGNETIC RECORDING PRESSURE GAUGE REPORT

PAGE 1

A/S NORSKE SHELL
WILDCAT
31/2-2

OFFSHORE NORWAY
11th JULY 1980
MRPG-599-NOR

COMPLETION TEST NO. 4. RUN NO. 3. GAUGE SENSING DEPTH - 1,563.5 M.

| DELTA TIME | PRESSURE | TIME | DATE | |
|---------------|----------|-------|---------|-----------------------|
| 0.000 | 1154.108 | 16:23 | 10-7-80 | WELL SHUT IN AT 16.23 |
| 0.033 | 1198.767 | 16:25 | | FOR ACIDIZING |
| 0.067 | 1242.943 | 16:27 | | |
| 0.100 | 1297.258 | 16:29 | | START ACID INJECTION |
| 0.133 | 1374.989 | 16:31 | | |
| 0.167 | 1460.203 | 16:33 | | |
| 0.200 | 1518.139 | 16:35 | | |
| 0.233 | 1608.664 | 16:37 | | |
| 0.267 | 1645.357 | 16:39 | | |
| 0.300 | 1715.121 | 16:41 | | |
| 0.333 | 1857.547 | 16:43 | | |
| 0.367 | 2146.262 | 16:45 | | |
| 0.400 | 2935.399 | 16:47 | | |
| 0.433 | 3012.888 | 16:49 | | |
| 0.467 | 3024.234 | 16:51 | | |
| 0.500 | 3052.683 | 16:53 | | |
| 0.533 | 3044.512 | 16:55 | | |
| 0.567 | 3044.029 | 16:57 | | |
| 0.600 | 3057.306 | 16:59 | | |
| 0.633 | 3062.134 | 17:01 | | |
| 0.667 | 3068.652 | 17:03 | | |
| 0.700 | 3071.307 | 17:05 | | |
| 0.733 | 3207.215 | 17:07 | | |
| 0.767 | 3229.183 | 17:09 | | |
| 0.800 | 3487.964 | 17:11 | | |
| 0.833 | 3471.307 | 17:13 | | |
| 0.867 | 3508.241 | 17:15 | | END ACID INJECTION |
| 0.900 | 3461.893 | 17:17 | | PUMPING DIESEL |
| 0.933 | 3102.448 | 17:19 | | |
| 0.967 | 3464.789 | 17:21 | | |
| 1.000 | 3589.110 | 17:23 | | |
| 1.033 | 3575.351 | 17:25 | | |
| 1.067 | 3547.831 | 17:27 | | |
| 1.100 | 3579.213 | 17:29 | | |
| 1.133 | 3620.251 | 17:31 | | |
| 1.167 | 3497.861 | 17:33 | | |
| 1.200 | 3554.590 | 17:35 | | |
| 1.233 | 3573.661 | 17:37 | | |
| 1.267 | 3535.520 | 17:39 | | |
| 1.300 | 3536.002 | 17:41 | | |
| 1.333 | 3513.069 | 17:43 | | |
| 1.367 | 3515.242 | 17:45 | | |
| 1.400 | 3423.993 | 17:47 | | |
| 1.433 | 3401.301 | 17:49 | | |
| 1.467 | 3412.888 | 17:51 | | |
| 1.500 | 3399.370 | 17:53 | | |

SPERRY-SUN INTERNATIONAL INC.
MAGNETIC RECORDING PRESSURE GAUGE REPORT

PAGE 2

A/S NORSKE SHELL
WILDCAT
31/2-2

OFFSHORE NORWAY
11th JULY 1980
MRPG-599-NOR

COMPLETION TEST NO. 4. RUN NO. 3. GAUGE SENSING DEPTH - 1,563.5 M.

| DELTA TIME | PRESSURE | TIME | DATE |
|---------------|----------|-------|---------|
| 1.533 | 3406.129 | 17:55 | 10-7-80 |
| 1.567 | 3347.228 | 17:57 | |
| 1.600 | 3318.260 | 17:59 | |
| 1.633 | 3376.437 | 18: 1 | |
| 1.667 | 3342.641 | 18: 3 | |
| 1.700 | 3319.467 | 18: 5 | |
| 1.733 | 3292.188 | 18: 7 | |
| 1.767 | 3346.745 | 18: 9 | |
| 1.800 | 3329.364 | 18:11 | |
| 1.833 | 3363.160 | 18:13 | |
| 1.867 | 3367.505 | 18:15 | |
| 1.900 | 3339.744 | 18:17 | |
| 1.933 | 3409.992 | 18:19 | |
| 1.967 | 3395.749 | 18:21 | |
| 2.000 | 3395.025 | 18:23 | |
| 2.033 | 3385.852 | 18:25 | |
| 2.067 | 3354.470 | 18:27 | |
| 2.100 | 3350.849 | 18:29 | |
| 2.133 | 3187.903 | 18:31 | |
| 2.167 | 2592.611 | 18:33 | |
| 2.200 | 2448.736 | 18:35 | |
| 2.233 | 2358.936 | 18:37 | |
| 2.267 | 2310.655 | 18:39 | |
| 2.300 | 2284.584 | 18:41 | |
| 2.333 | 2272.514 | 18:43 | |
| 2.367 | 2342.762 | 18:45 | |
| 2.400 | 3179.454 | 18:47 | |
| 2.433 | 3386.093 | 18:49 | |
| 2.467 | 3457.065 | 18:51 | |
| 2.500 | 3439.925 | 18:53 | |
| 2.533 | 3441.374 | 18:55 | |
| 2.567 | 3440.408 | 18:57 | |
| 2.600 | 3443.546 | 18:59 | |
| 2.633 | 3451.030 | 19: 1 | |
| 2.667 | 3442.581 | 19: 3 | |
| 2.700 | 3432.442 | 19: 5 | |
| 2.733 | 3442.822 | 19: 7 | |
| 2.767 | 3434.132 | 19: 9 | |
| 2.800 | 3435.580 | 19:11 | |
| 2.833 | 3432.200 | 19:13 | |
| 2.867 | 3420.855 | 19:15 | |
| 2.900 | 3424.958 | 19:17 | |
| 2.933 | 3426.407 | 19:19 | |
| 2.967 | 3429.304 | 19:21 | |
| 3.000 | 3426.165 | 19:23 | |
| 3.033 | 3428.338 | 19:25 | |
| 3.067 | 3428.821 | 19:27 | |

SPERRY-SUN INTERNATIONAL INC.
MAGNETIC RECORDING PRESSURE GAUGE REPORT

PAGE 3

A/S NORSKE SHELL
WILDCAT
31/2-2

OFFSHORE NORWAY
11th JULY 1980
MRPG-599-NOR

COMPLETION TEST NO. 4. RUN NO. 3. GAUGE SENSING DEPTH - 1,563.5 M.

| DELTA TIME | PRESSURE | TIME | DATE |
|---------------|----------|-------|---------|
| 3.100 | 3430.752 | 19:29 | 10-7-80 |
| 3.133 | 3436.304 | 19:31 | |
| 3.167 | 3452.237 | 19:33 | |
| 3.200 | 3445.477 | 19:35 | |
| 3.233 | 3460.203 | 19:37 | |
| 3.267 | 3452.237 | 19:39 | |
| 3.300 | 3454.651 | 19:41 | |
| 3.333 | 3456.340 | 19:43 | |
| 3.367 | 3463.100 | 19:45 | |
| 3.400 | 3452.719 | 19:47 | |
| 3.433 | 3462.617 | 19:49 | |
| 3.467 | 3456.582 | 19:51 | |
| 3.500 | 3461.893 | 19:53 | |
| 3.533 | 3461.893 | 19:55 | |
| 3.567 | 3471.066 | 19:57 | |
| 3.600 | 3471.549 | 19:59 | |
| 3.633 | 3468.410 | 20:01 | |
| 3.667 | 2602.750 | 20:03 | |
| 3.700 | 1889.171 | 20:05 | |
| 3.733 | 2261.651 | 20:07 | |
| 3.767 | 2264.065 | 20:09 | |
| 3.800 | 2264.789 | 20:11 | |
| 3.833 | 2262.375 | 20:13 | |
| 3.867 | 2261.168 | 20:15 | |
| 3.900 | 2262.617 | 20:17 | |
| 3.933 | 2262.134 | 20:19 | |
| 3.967 | 2260.686 | 20:21 | |
| 4.000 | 2260.927 | 20:23 | |
| 4.033 | 2259.479 | 20:25 | |
| 4.067 | 2261.410 | 20:27 | |
| 4.100 | 2258.996 | 20:29 | |

CLOSE KILL VALVE

OPEN WELL ON 40/64" CHOKE

SPERRY-SUN INTERNATIONAL INC.
MAGNETIC RECORDING PRESSURE GAUGE REPORT

PAGE 1

A/S NORSKE SHELL
WILDCAT
31/2-2

OFFSHORE NORWAY
11th JULY 1980
MRPG-599-NOR

COMPLETION TEST NO. 4. RUN NO. 3. GAUGE SENSING DEPTH - 1,563.5 M.

| DELTA TIME | PRESSURE | TIME | DATE | |
|---------------|----------|-------|---------|---------------------------|
| 0.000 | 2258.996 | 20:29 | 10-7-80 | OPEN WELL ON 40/64" CHOKE |
| 0.033 | 1857.065 | 20:31 | | AT 20.30 |
| 0.067 | 1849.098 | 20:33 | | |
| 0.100 | 1847.650 | 20:35 | | |
| 0.133 | 1845.477 | 20:37 | | |
| 0.167 | 1845.960 | 20:39 | | |
| 0.200 | 1844.753 | 20:41 | | |
| 0.233 | 1844.753 | 20:43 | | |
| 0.267 | 1844.753 | 20:45 | | |
| 0.300 | 1844.512 | 20:47 | | |
| 0.333 | 1843.546 | 20:49 | | |
| 0.367 | 1845.236 | 20:51 | | |
| 0.400 | 1844.753 | 20:53 | | |
| 0.433 | 1844.512 | 20:55 | | |
| 0.467 | 1844.995 | 20:57 | | |
| 0.500 | 1845.719 | 20:59 | | |
| 0.533 | 1845.960 | 21:01 | | |
| 0.567 | 1846.202 | 21:03 | | |
| 0.600 | 1847.891 | 21:05 | | |
| 0.633 | 1847.167 | 21:07 | | |
| 0.667 | 1847.409 | 21:09 | | |
| 0.700 | 1847.409 | 21:11 | | |
| 0.733 | 1847.891 | 21:13 | | |
| 0.767 | 1849.823 | 21:15 | | |
| 0.800 | 1849.581 | 21:17 | | |
| 0.833 | 1851.271 | 21:19 | | |
| 0.867 | 1850.788 | 21:21 | | |
| 0.900 | 1851.754 | 21:23 | | |
| 0.933 | 1851.754 | 21:25 | | |
| 0.967 | 1851.995 | 21:27 | | |
| 1.000 | 1852.719 | 21:29 | | |
| 1.033 | 1852.961 | 21:31 | | |
| 1.067 | 1852.961 | 21:33 | | |
| 1.100 | 1854.168 | 21:35 | | |
| 1.133 | 1853.202 | 21:37 | | |
| 1.167 | 1853.444 | 21:39 | | |
| 1.200 | 1855.616 | 21:41 | | |
| 1.233 | 1853.202 | 21:43 | | |
| 1.267 | 1856.340 | 21:45 | | |
| 1.300 | 1855.858 | 21:47 | | |
| 1.333 | 1856.340 | 21:49 | | |
| 1.367 | 1856.340 | 21:51 | | |
| 1.400 | 1858.030 | 21:53 | | |
| 1.433 | 1859.720 | 21:55 | | |
| 1.467 | 1867.204 | 21:57 | | |
| 1.500 | 1869.618 | 21:59 | | |

SPERRY-SUN INTERNATIONAL INC.
MAGNETIC RECORDING PRESSURE GAUGE REPORT

PAGE 2

A/S NORSKE SHELL
WILDCAT
31/2-2

OFFSHORE NORWAY
11th JULY 1980
MRPG-599-NOR

COMPLETION TEST NO. 4. RUN NO. 3. GAUGE SENSING DEPTH - 1,563.5 M.

| DELTA TIME | PRESSURE | TIME | DATE |
|---------------|----------|-------|----------|
| 1.533 | 1871.790 | 22: 1 | 10- 7-80 |
| 1.567 | 1873.480 | 22: 3 | |
| 1.600 | 1869.376 | 22: 5 | |
| 1.633 | 1871.066 | 22: 7 | |
| 1.667 | 1870.100 | 22: 9 | |
| 1.700 | 1869.859 | 22:11 | |
| 1.733 | 1866.721 | 22:13 | |
| 1.767 | 1864.790 | 22:15 | |
| 1.800 | 1863.341 | 22:17 | |
| 1.833 | 1863.583 | 22:19 | |
| 1.867 | 1861.410 | 22:21 | |
| 1.900 | 1859.962 | 22:23 | |
| 1.933 | 1858.754 | 22:25 | |
| 1.967 | 1853.926 | 22:27 | |
| 2.000 | 1849.581 | 22:29 | |
| 2.033 | 1845.960 | 22:31 | |
| 2.067 | 1837.753 | 22:33 | |
| 2.100 | 1829.304 | 22:35 | |
| 2.133 | 1824.476 | 22:37 | |
| 2.167 | 1819.648 | 22:39 | |
| 2.200 | 1814.578 | 22:41 | |
| 2.233 | 1810.957 | 22:43 | |
| 2.267 | 1810.957 | 22:45 | |
| 2.300 | 1808.050 | 22:47 | |
| 2.333 | 1809.992 | 22:49 | |
| 2.367 | 1807.819 | 22:51 | |
| 2.400 | 1807.336 | 22:53 | |
| 2.433 | 1805.888 | 22:55 | |
| 2.467 | 1805.164 | 22:57 | |
| 2.500 | 1805.646 | 22:59 | |
| 2.533 | 1803.474 | 23: 1 | |
| 2.567 | 1800.094 | 23: 3 | |
| 2.600 | 1796.715 | 23: 5 | |
| 2.633 | 1795.990 | 23: 7 | |
| 2.667 | 1789.955 | 23: 9 | |
| 2.700 | 1787.541 | 23:11 | |
| 2.733 | 1781.265 | 23:13 | |
| 2.767 | 1776.196 | 23:15 | |
| 2.800 | 1770.402 | 23:17 | |
| 2.833 | 1765.574 | 23:19 | |
| 2.867 | 1758.815 | 23:21 | |
| 2.900 | 1751.573 | 23:23 | |
| 2.933 | 1742.641 | 23:25 | |
| 2.967 | 1737.813 | 23:27 | |
| 3.000 | 1726.226 | 23:29 | |
| 3.033 | 1711.259 | 23:31 | |
| 3.067 | 1703.051 | 23:33 | |

SPERRY-SUN INTERNATIONAL INC.
MAGNETIC RECORDING PRESSURE GAUGE REPORT

PAGE 3

A/S NORSKE SHELL
WILDCAT
31/2-2

OFFSHORE NORWAY
11th JULY 1980
MRPG-599-NOR

COMPLETION TEST NO. 4. RUN NO. 3. GAUGE SENSING DEPTH - 1,563.5 M.

| DELTA TIME | PRESSURE | TIME | DATE |
|---------------|----------|-------|---------|
| 3.100 | 1693.154 | 23:35 | 10-7-80 |
| 3.133 | 1683.498 | 23:37 | |
| 3.167 | 1671.669 | 23:39 | |
| 3.200 | 1659.841 | 23:41 | |
| 3.233 | 1651.150 | 23:43 | |
| 3.267 | 1640.287 | 23:45 | |
| 3.300 | 1629.907 | 23:47 | |
| 3.333 | 1622.665 | 23:49 | |
| 3.367 | 1613.251 | 23:51 | |
| 3.400 | 1602.388 | 23:53 | |
| 3.433 | 1595.387 | 23:55 | |
| 3.467 | 1587.179 | 23:57 | |
| 3.500 | 1581.144 | 23:59 | |
| 3.533 | 1572.695 | 0:1 | 11-7-80 |
| 3.567 | 1569.316 | 0:3 | |
| 3.600 | 1562.557 | 0:5 | |
| 3.633 | 1553.625 | 0:7 | |
| 3.667 | 1550.728 | 0:9 | |
| 3.700 | 1545.659 | 0:11 | |
| 3.733 | 1538.899 | 0:13 | |
| 3.767 | 1534.071 | 0:15 | |
| 3.800 | 1527.795 | 0:17 | |
| 3.833 | 1521.760 | 0:19 | |
| 3.867 | 1525.622 | 0:21 | |
| 3.900 | 1515.725 | 0:23 | |
| 3.933 | 1519.829 | 0:25 | |
| 3.967 | 1512.345 | 0:27 | |
| 4.000 | 1506.552 | 0:29 | |
| 4.033 | 1507.759 | 0:31 | |
| 4.067 | 1515.725 | 0:33 | |
| 4.100 | 1509.690 | 0:35 | |
| 4.133 | 1508.000 | 0:37 | |
| 4.167 | 1509.449 | 0:39 | |
| 4.200 | 1511.863 | 0:41 | |
| 4.233 | 1514.035 | 0:43 | |
| 4.267 | 1513.311 | 0:45 | |
| 4.300 | 1510.414 | 0:47 | |
| 4.333 | 1508.966 | 0:49 | |
| 4.367 | 1503.414 | 0:51 | |
| 4.400 | 1498.586 | 0:53 | |
| 4.433 | 1489.171 | 0:55 | |
| 4.467 | 1477.101 | 0:57 | |
| 4.500 | 1470.100 | 0:59 | |
| 4.533 | 1459.237 | 1:1 | |
| 4.567 | 1451.271 | 1:3 | |
| 4.600 | 1443.546 | 1:5 | |
| 4.633 | 1437.753 | 1:7 | |

SPERRY-SUN INTERNATIONAL INC.
MAGNETIC RECORDING PRESSURE GAUGE REPORT

PAGE 4

A/S NORSKE SHELL
WILDCAT
31/2-2

OFFSHORE NORWAY
11th JULY 1980
MRPG-599-NOR

COMPLETION TEST NO. 4. RUN NO. 3. GAUGE SENSING DEPTH - 1,563.5 M.

| DELTA TIME | PRESSURE | TIME | DATE |
|---------------|----------|------|----------|
| 4.667 | 1430.752 | 1: 9 | 11- 7-80 |
| 4.700 | 1427.131 | 1:11 | |
| 4.733 | 1422.545 | 1:13 | |
| 4.767 | 1418.682 | 1:15 | |
| 4.800 | 1416.268 | 1:17 | |
| 4.833 | 1409.992 | 1:19 | |
| 4.867 | 1406.371 | 1:21 | |
| 4.900 | 1401.784 | 1:23 | |
| 4.933 | 1396.956 | 1:25 | |
| 4.967 | 1394.542 | 1:27 | |
| 5.000 | 1390.680 | 1:29 | |
| 5.033 | 1384.403 | 1:31 | |
| 5.067 | 1380.300 | 1:33 | |
| 5.100 | 1374.506 | 1:35 | |
| 5.133 | 1369.919 | 1:37 | |
| 5.167 | 1365.333 | 1:39 | |
| 5.200 | 1360.987 | 1:41 | |
| 5.233 | 1356.884 | 1:43 | |
| 5.267 | 1352.780 | 1:45 | |
| 5.300 | 1349.642 | 1:47 | |
| 5.333 | 1345.296 | 1:49 | |
| 5.367 | 1344.331 | 1:51 | |
| 5.400 | 1341.675 | 1:53 | |
| 5.433 | 1338.054 | 1:55 | |
| 5.467 | 1334.433 | 1:57 | |
| 5.500 | 1333.226 | 1:59 | |
| 5.533 | 1330.088 | 2: 1 | |
| 5.567 | 1328.881 | 2: 3 | |
| 5.600 | 1325.743 | 2: 5 | |
| 5.633 | 1325.502 | 2: 7 | |
| 5.667 | 1324.053 | 2: 9 | |
| 5.700 | 1320.915 | 2:11 | |
| 5.733 | 1320.915 | 2:13 | |
| 5.767 | 1320.191 | 2:15 | |
| 5.800 | 1321.881 | 2:17 | |
| 5.833 | 1311.500 | 2:19 | |
| 5.867 | 1312.949 | 2:21 | |
| 5.900 | 1309.328 | 2:23 | |
| 5.933 | 1303.534 | 2:25 | |
| 5.967 | 1302.810 | 2:27 | |
| 6.000 | 1303.534 | 2:29 | |
| 6.033 | 1290.257 | 2:31 | |
| 6.067 | 1286.878 | 2:33 | |
| 6.100 | 1295.809 | 2:35 | |
| 6.133 | 1284.464 | 2:37 | |
| 6.167 | 1289.774 | 2:39 | |
| 6.200 | 1292.671 | 2:41 | |

SPERRY-SUN INTERNATIONAL INC.
MAGNETIC RECORDING PRESSURE GAUGE REPORT

PAGE 5

A/S NORSKE SHELL
WILDCAT
31/2-2

OFFSHORE NORWAY
11th JULY 1980
MRPG-599-NOR

COMPLETION TEST NO. 4. RUN NO. 3. GAUGE SENSING DEPTH - 1,563.5 M.

| DELTA TIME | PRESSURE | TIME | DATE |
|---------------|----------|------|---------|
| 6.233 | 1279.394 | 2:43 | 11-7-80 |
| 6.267 | 1291.947 | 2:45 | |
| 6.300 | 1282.532 | 2:47 | |
| 6.333 | 1293.878 | 2:49 | |
| 6.367 | 1292.671 | 2:51 | |
| 6.400 | 1286.395 | 2:53 | |
| 6.433 | 1281.808 | 2:55 | |
| 6.467 | 1287.843 | 2:57 | |
| 6.500 | 1293.154 | 2:59 | |
| 6.533 | 1276.256 | 3:01 | |
| 6.567 | 1287.360 | 3:03 | |
| 6.600 | 1280.601 | 3:05 | |
| 6.633 | 1283.015 | 3:07 | |
| 6.667 | 1276.256 | 3:09 | |
| 6.700 | 1272.394 | 3:11 | |
| 6.733 | 1261.289 | 3:13 | |
| 6.767 | 1263.703 | 3:15 | |
| 6.800 | 1258.634 | 3:17 | |
| 6.833 | 1241.977 | 3:19 | |
| 6.867 | 1236.425 | 3:21 | |
| 6.900 | 1219.286 | 3:23 | |
| 6.933 | 1213.733 | 3:25 | |
| 6.967 | 1207.216 | 3:27 | |
| 7.000 | 1196.594 | 3:29 | |
| 7.033 | 1184.283 | 3:31 | |
| 7.067 | 1186.697 | 3:33 | |
| 7.100 | 1190.559 | 3:35 | |
| 7.133 | 1189.352 | 3:37 | |
| 7.167 | 1199.732 | 3:39 | |
| 7.200 | 1211.802 | 3:41 | |
| 7.233 | 1217.113 | 3:43 | |
| 7.267 | 1220.734 | 3:45 | |
| 7.300 | 1234.011 | 3:47 | |
| 7.333 | 1244.150 | 3:49 | |
| 7.367 | 1257.910 | 3:51 | |
| 7.400 | 1259.117 | 3:53 | |
| 7.433 | 1262.979 | 3:55 | |
| 7.467 | 1270.945 | 3:57 | |
| 7.500 | 1277.946 | 3:59 | |
| 7.533 | 1286.395 | 4:01 | |
| 7.567 | 1280.360 | 4:03 | |
| 7.600 | 1268.290 | 4:05 | |
| 7.633 | 1270.945 | 4:07 | |
| 7.667 | 1274.808 | 4:09 | |
| 7.700 | 1250.185 | 4:11 | |
| 7.733 | 1246.322 | 4:13 | |
| 7.767 | 1258.634 | 4:15 | |

SPERRY-SUN INTERNATIONAL INC.
MAGNETIC RECORDING PRESSURE GAUGE REPORT

PAGE 6

A/S NORSKE SHELL
WILDCAT
31/2-2

OFFSHORE NORWAY
11th JULY 1980
MRPG-599-NOR

COMPLETION TEST NO. 4. RUN NO. 3. GAUGE SENSING DEPTH - 1,563.5 M.

| DELTA TIME | PRESSURE | TIME | DATE |
|---------------|----------|------|-----------------------------|
| 7.800 | 1237.632 | 4:17 | 11- 7-80 |
| 7.833 | 1238.598 | 4:19 | |
| 7.867 | 1255.978 | 4:21 | |
| 7.900 | 1256.703 | 4:23 | |
| 7.933 | 1248.978 | 4:25 | |
| 7.967 | 1258.875 | 4:27 | |
| 8.000 | 1273.359 | 4:29 | CHANGE TO 32/64" ADJ. CHOKE |
| 8.033 | 1286.636 | 4:31 | |
| 8.067 | 1290.981 | 4:33 | CHANGE TO 32/64" POS. CHOKE |
| 8.100 | 1313.914 | 4:35 | |
| 8.133 | 1320.191 | 4:37 | |
| 8.167 | 1340.227 | 4:39 | |
| 8.200 | 1337.813 | 4:41 | |
| 8.233 | 1344.089 | 4:43 | |
| 8.267 | 1367.747 | 4:45 | |
| 8.300 | 1390.921 | 4:47 | |
| 8.333 | 1400.819 | 4:49 | |
| 8.367 | 1392.611 | 4:51 | |
| 8.400 | 1389.231 | 4:53 | |
| 8.433 | 1406.129 | 4:55 | |
| 8.467 | 1422.786 | 4:57 | |
| 8.500 | 1429.787 | 4:59 | |
| 8.533 | 1426.648 | 5:01 | |
| 8.567 | 1428.097 | 5:03 | |
| 8.600 | 1435.339 | 5:05 | |
| 8.633 | 1444.512 | 5:07 | |
| 8.667 | 1443.305 | 5:09 | CHANGE TO 32/64" ADJ. CHOKE |
| 8.700 | 1443.064 | 5:11 | |
| 8.733 | 1453.685 | 5:13 | |
| 8.767 | 1468.411 | 5:15 | |
| 8.800 | 1502.689 | 5:17 | CHANGE TO 12/64" ADJ. CHOKE |
| 8.833 | 1529.968 | 5:19 | |
| 8.867 | 1547.107 | 5:21 | |
| 8.900 | 1555.556 | 5:23 | |
| 8.933 | 1561.832 | 5:25 | CHANGE TO 8/64" ADJ. CHOKE |
| 8.967 | 1564.246 | 5:27 | |
| 9.000 | 1590.559 | 5:29 | CHANGE TO 10/64" ADJ. CHOKE |
| 9.033 | 1616.872 | 5:31 | CHANGE TO 12/64" ADJ. CHOKE |
| 9.067 | 1639.080 | 5:33 | CHANGE TO 16/64" ADJ. CHOKE |
| 9.100 | 1634.494 | 5:35 | |
| 9.133 | 1654.530 | 5:37 | |
| 9.167 | 1667.324 | 5:39 | CHANGE TO 20/64" ADJ. CHOKE |
| 9.200 | 1670.462 | 5:41 | |
| 9.233 | 1665.876 | 5:43 | CHANGE TO 30/64" ADJ. CHOKE |
| 9.267 | 1628.942 | 5:45 | CHANGE TO 32/64" ADJ. CHOKE |
| 9.300 | 1585.248 | 5:47 | CHANGE TO 32/64" POS. CHOKE |
| 9.333 | 1545.417 | 5:49 | |

SPERRY-SUN INTERNATIONAL INC.
MAGNETIC RECORDING PRESSURE GAUGE REPORT

PAGE 7

A/S NORSKE SHELL
WILDCAT
31/2-2

OFFSHORE NORWAY
11th JULY 1980
MRPG-599-NOR

COMPLETION TEST NO. 4. RUN NO. 3. GAUGE SENSING DEPTH - 1,563.5 M.

| DELTA TIME | PRESSURE | TIME | DATE |
|---------------|----------|------|---------|
| 9.367 | 1505.103 | 5:51 | 11-7-80 |
| 9.400 | 1465.997 | 5:53 | |
| 9.433 | 1422.545 | 5:55 | |
| 9.467 | 1386.817 | 5:57 | |
| 9.500 | 1355.194 | 5:59 | |
| 9.533 | 1327.674 | 6: 1 | |
| 9.567 | 1308.121 | 6: 3 | |
| 9.600 | 1289.774 | 6: 5 | |
| 9.633 | 1275.049 | 6: 7 | |
| 9.667 | 1263.945 | 6: 9 | |
| 9.700 | 1259.117 | 6:11 | |
| 9.733 | 1247.047 | 6:13 | |
| 9.767 | 1245.357 | 6:15 | |
| 9.800 | 1225.321 | 6:17 | |
| 9.833 | 1223.148 | 6:19 | |
| 9.867 | 1225.631 | 6:21 | |
| 9.900 | 1220.734 | 6:23 | |
| 9.933 | 1237.391 | 6:25 | |
| 9.967 | 1231.838 | 6:27 | |
| 10.000 | 1229.183 | 6:29 | |
| 10.033 | 1227.976 | 6:31 | |
| 10.067 | 1249.943 | 6:33 | |
| 10.100 | 1265.876 | 6:35 | |
| 10.133 | 1270.945 | 6:37 | |
| 10.167 | 1270.462 | 6:39 | |
| 10.200 | 1257.668 | 6:41 | |
| 10.233 | 1280.118 | 6:43 | |
| 10.267 | 1295.085 | 6:45 | |
| 10.300 | 1315.121 | 6:47 | |
| 10.333 | 1326.467 | 6:49 | |
| 10.367 | 1329.847 | 6:51 | |
| 10.400 | 1286.636 | 6:53 | |

GAUGES OFF BOTTOM AT 06.53