

sperry-sun internat

Denne rapport
tilhører

 **STATOIL**

L&U DOK. SENTER

L. NR. 20088390025

KODE Well 31/2-3 nr37

Returneres etter bruk

PRESSURE SURVEY REPORT

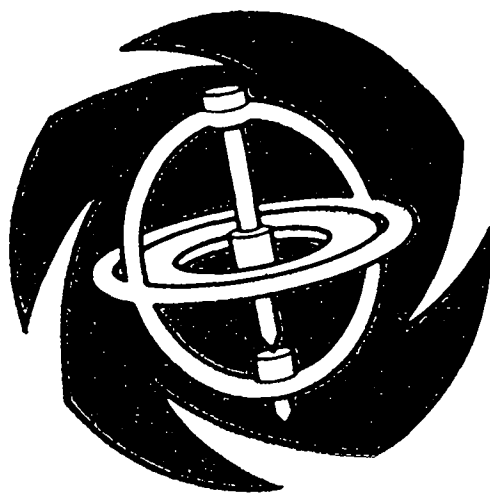
for

NORSKE SHELL A/S

WELL NO. 31/2-3

DATE: 24 JUNE 1980

PRESSURE TEST 3 MICA SAND



(A Sperry-Sun Company)

Precision Instruments / Professional Service



PRESSURE TEST DATA SUMMARY

COMPANY: NORSKE SHELL DATE: 24 JUNE 1980

FIELD: WILDCAT WELL NO: 31/2 - 3 JOB NO: MRPG-583-NR

TEST TYPE: WIRELIN D.S.T. TEST NO: THREE RUN NO: ONE MAX B.H.T. 155 °F

PERFORATION INTERVAL: _____ ZONE: MICA SAND

	TOP	MIDDLE	BOTTOM
GAUGE TYPE/NO.	_____	MRPG 0030	AMERADA
PRESSURE SENSING DEPTH	_____	1486,5 METERS	_____
ELEMENT SIZE	_____	4000 PSI	_____
TIME MODE	_____	4 MINUTES	_____
BATTERY TYPE	_____	ALCALINE	_____

EVENT	SURFACE TIMES & DATES	TEMP.	°F
GAUGES IN LUB	21:00 20/6	60	
D.W.T. IN LUB 1986 PSI	22:05 "	60	
STOP AT 357 M	22:13 "	71	
STOP AT 881 M	23:24 "	103	
STOP AT 1181 M	00:30 21/6	117	
SET IN F NIPPLE	01:45 "	138	
OPEN ON ADJ CHOKE	04:00 "	139	
SET ON 48/64" POSS. CHOKE	04:36 "	138	
INCREASE ON ADJ. CHOKE	06:08 "	126	
SET ON 60/64" ADJ. CHOKE	06:32 "	122	
INCREASE ON ADJ. CHOKE	07:32 "	123	
SET ON 72/64" ADJ. CHOKE	08:10 "	121	
INCREASE TO 74/64" ADJ. CHOKE	-09:50 "	120	
" " 78/64" " "	10:06 "	122	
" ON ADJ. CHOKE	11:31 "	119	
SET ON 90/64" ADJ. CHOKE	11:56 "	119	
" " 104/64" " "	13:50 "	120	
" " 92/64" " "	15:06 "	120	
WELL SHUT IN	02:36 22/6	125	
OPEN ON ADJ. CHOKE	12:15 "	137	
SET ON ADJ. CHOKE	12:27 "	140	
" " 28/64" POSS. CHOKE	13:00 "	148	
INCREASE ON ADJ. CHOKE	18:26 "	152	

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

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



PRESSURE TEST DATA SUMMARY CONTINUATION SHEET

 COMPANY: NORSKE SHELL

 JOB NO. MRPG-583-NR

EVENT	SURFACE TIMES & DATES		TEMP.	°F
SET ON 48/64" POSS. CHOKE	18:55	22/6	148	
WELL SHUT IN	19:12	"	146	
OPEN ON ADJ. CHOKE	20:00	"	149	
SET ON 48/64" POSS. CHOKE	20:40	"	146	
" " 40/64" " "	21:22	"	145	
INCREASE ON ADJ. CHOKE	05:42	23/6	148	
SET ON 64/64" POSS. CHOKE	07:13	"	144	
" " 80/64" ADJ. "	12:55	"	135	
" " 96/64 " "	14:09	"	130	
" " 112/64 " "	15:29	"	127	
" " 128/64 POSS. "	16:17	"	127	
WELL SHUT IN	17:54	"	126	
END OF TEST	00:45	24/6	139	

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

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

FERRY-SLW INTERNATIONAL INC.
MAGNETIC RECORDING PRESSURE GAUGE REPORT

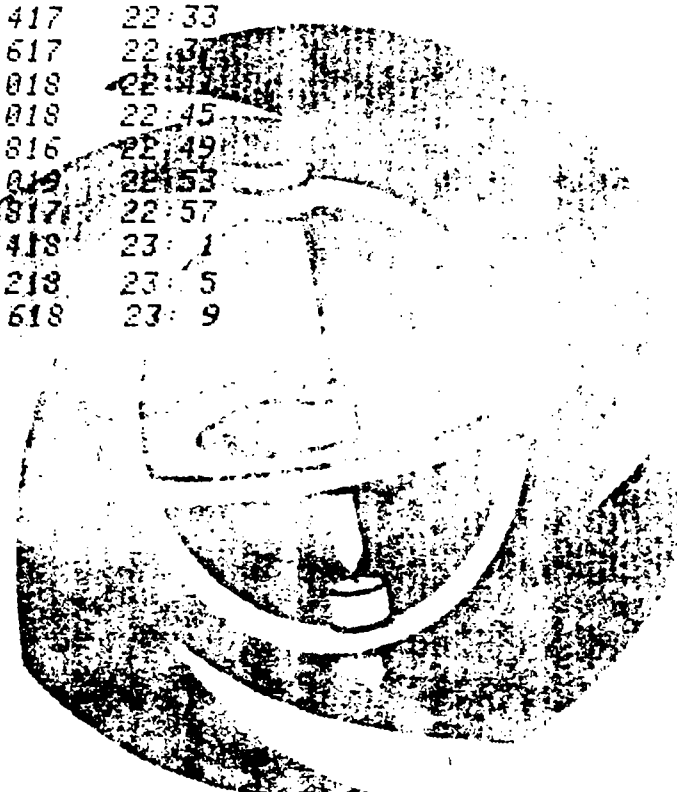
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NORSKE SHELL
WILDCAT
31/2-3

OFFSHORE NORWAY
20 JUNE 1980
MRPG-583-NR

TEST 3 MICA SAND GAUGE 0030 SENSING DEPTH 1486.5 M. RKB. GRADIENT STOP ONE

DELTA TIME	PRESSURE	TIME	DATE	
0.000	2058.819	22:13	20-6-80	GRAD STOP AT 357 M.
0.067	2058.218	22:17		SURFACE TIME 22:13
0.133	2057.617	22:21		20/6/80
0.200	2058.018	22:25		
0.267	2057.016	22:29		
0.333	2057.417	22:33		
0.400	2057.617	22:37		
0.467	2058.018	22:41		
0.533	2058.018	22:45		
0.600	2056.816	22:49		
0.667	2059.019	22:53		
0.733	2057.817	22:57		
0.800	2058.418	23: 1		
0.867	2058.218	23: 5		
0.933	2058.618	23: 9		



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TEST 3 MICA SAND. GAUGE 0030 SENSING DEPTH 1486.5 M. RKE. GRADIENT STOP TWO

DELTA TIME	PRESSURE	TIME	DATE	
0.000	2155.139	23:24	20-6-80	GRAD STOP AT 881 M.
0.057	2155.740	23:28		SURFACE TIME 23:24 20/6/80
0.133	2155.539	23:32		
0.200	2156.140	23:36		
0.267	2156.140	23:40		
0.333	2156.340	23:44		
0.400	2156.541	23:48		
0.467	2155.940	23:52		
0.533	2156.340	23:56		
0.600	2156.741	0:0	21-6-80	
0.667	2156.541	0:4		
0.733	2155.539	0:8		
0.800	2156.741	0:12		
0.867	2156.741	0:16		
0.933	2156.741	0:20		



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OFFSHORE NORWAY
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TEST 3 MICA SAND. GAUGE 0030 SENSING DEPTH 1486.5 M. RKB. GRADIENT STOP THREE.

DELTA TIME	PRESSURE	TIME	DATE	
0.000	2210.408	0:30	21- 6-80	GRAD STOP AT 1181 M.
0.067	2209.807	0:34		SURFACE TIME 00:30 21/6/80
0.133	2210.007	0:38		
0.200	2210.208	0:42		
0.267	2210.608	0:46		
0.333	2211.009	0:50		
0.400	2210.608	0:54		
0.467	2209.807	0:58		
0.533	2210.208	1: 2		
0.600	2211.609	1: 6		
0.667	2210.608	1:10		
0.733	2210.408	1:14		
0.800	2210.808	1:18		
0.867	2210.608	1:22		
0.933	2211.009	1:26		

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OFFSHORE NORWAY
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 MRPG-583-NR

TEST 3 MICA SAND . GAUGE 0030 SENSING DEPTH 1486.5 M. RKB. FIRST FLOWS.

DELTA TIME	PRESSURE	TIME	DATE	
0.000	2265.477	1:45	21- 6-80	GAUGES SET IN F NIPPLE
0.067	2265.477	1:49		SURFACE TIME 01:45 21/6/80
0.133	2265.276	1:53		
0.200	2265.276	1:57		
0.267	2265.276	2: 1		
0.400	2265.677	2: 9		
0.467	2265.477	2:13		
0.533	2265.276	2:17		
0.600	2265.477	2:21		
0.667	2265.477	2:25		
0.733	2265.276	2:29		
0.800	2265.877	2:33		
0.867	2265.677	2:37		
0.933	2265.677	2:41		
1.000	2265.677	2:45		
1.067	2265.677	2:49		
1.133	2265.677	2:53		
1.200	2265.877	2:57		
1.333	2265.677	3: 5		
1.400	2265.677	3: 9		
1.467	2265.076	3:13		
1.533	2265.477	3:17		
1.600	2265.677	3:21		
1.667	2265.677	3:25		
1.733	2265.877	3:29		
1.800	2265.877	3:33		
1.867	2265.877	3:37		
1.933	2265.877	3:41		
2.000	2265.677	3:45		
2.067	2265.877	3:49		
2.133	2265.877	3:53		
2.200	2265.877	3:57		
2.267	2222.423	4: 1		
2.333	2139.920	4: 5		
2.400	2050.809	4: 9		
2.467	1996.941	4:13		
2.533	1913.437	4:17		
2.600	1817.117	4:21		
2.667	1700.972	4:25		
2.733	1514.940	4:29		
2.800	1351.936	4:33		
2.867	1307.681	4:37		
2.933	1288.857	4:41		
3.000	1272.837	4:45		
3.067	1264.227	4:49		
3.133	1264.227	4:53		

WELL OPENED ON ADJ. CHOKE
 SURFACE TIME 04:00 21/6/80

WELL SET ON 48/64" POS. CHOKE
 SURFACE TIME 04:36 21/6/80

SPERRY-SUN INTERNATIONAL INC.
 MAGNETIC RECORDING PRESSURE GAUGE REPORT

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HORSKE SHELL
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OFFSHORE NORWAY
 21 JUNE 1980
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TEST 3 MICR SAND . GAUGE 0030 SENSING DEPTH 1486.5 M. RKB. FIRST FLOWS.

DELTA TIME	PRESSURE	TIME	DATE
3.200	1265.628	4:57	21-6-80
3.267	1263.626	5: 1	
3.333	1260.622	5: 5	
3.400	1258.219	5: 9	
3.467	1268.432	5:13	
3.533	1281.448	5:17	
3.600	1281.849	5:21	
3.667	1276.442	5:25	
3.733	1266.630	5:29	
3.800	1258.820	5:33	
3.867	1268.432	5:37	
3.933	1270.635	5:41	
4.000	1283.250	5:45	
4.067	1272.437	5:49	
4.133	1284.852	5:53	
4.200	1257.819	5:57	
4.267	1269.433	6: 1	
4.333	1284.452	6: 5	
4.400	1294.264	6: 9	
4.467	1211.361	6:13	
4.533	1158.695	6:17	
4.600	1137.869	6:21	
4.667	1136.267	6:25	
4.733	1125.453	6:29	
4.800	1101.624	6:33	
4.867	1108.032	6:37	
4.933	1130.860	6:41	
5.000	1138.269	6:45	
5.067	1168.707	6:49	
5.133	1182.324	6:53	
5.200	1181.524	6:57	
5.267	1220.772	7: 1	
5.333	1226.379	7: 5	
5.400	1212.162	7: 9	
5.467	1199.145	7:13	
5.533	1172.512	7:17	
5.600	1171.511	7:21	
5.667	1177.118	7:25	
5.733	1186.530	7:29	
5.800	1203.551	7:33	
5.867	1168.307	7:37	
5.933	1140.072	7:41	
6.000	1123.050	7:45	
6.067	1116.442	7:49	
6.133	1096.217	7:53	
6.200	1089.609	7:57	
6.267	1162.700	8: 1	

WELL INCREASED ON ADJ. CHOKE
 SURFACE TIME 06:08 21/6/80

WELL SET ON 60/64" ADJ. CHOKE
 SURFACE TIME 06:32 21/6/80

WELL INCREASED ON ADJ. CHOKE
 SURFACE TIME 07:32 21/6/80

WELL SET ON 72/64" POS. CHOKE
 SURFACE TIME 07:58 21/6/80

HOPSKE SHELL
 WILDCAT
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OFFSHORE NORWAY
 21 JUNE 1980
 MRPG-583-NR

TEST 3 MICA SAND . GAUGE 0030 SENSING DEPTH 1486.5 M. RKB. FIRST FLOWS.

DELTA TIME	PRESSURE	TIME	DATE
6.333	1171.110	8: 5	21- 6-80
6.400	1111.836	8: 9	WELL INCREASED TO 72/64" ADJ. SURFACE TIME 08:10 21/6/80
6.467	1057.569	8:13	
6.533	1043.751	8:17	
6.600	1065.979	8:21	
6.667	1065.178	8:25	
6.733	1065.779	8:29	
6.800	1072.387	8:33	
6.867	1116.442	8:37	
6.933	1120.047	8:41	
7.000	1122.450	8:45	
7.067	1082.600	8:49	
7.133	1070.185	8:53	
7.200	1094.815	8:57	
7.267	1060.973	9: 1	
7.333	1064.978	9: 5	
7.400	1058.169	9: 9	
7.467	1113.238	9:13	
7.533	1124.452	9:17	
7.600	998.695	9:21	
7.667	1161.298	9:25	
7.733	1116.242	9:29	
7.800	1111.436	9:33	
7.867	1113.639	9:37	
7.933	1114.640	9:41	
8.000	1169.033	9:45	
8.067	1108.632	9:49	WELL INCREASED TO 74/64" ADJ. SURFACE TIME 10:06 21/6/80
8.133	1117.043	9:53	
8.200	1136.868	9:57	
8.267	1159.095	10: 1	
8.333	1117.243	10: 5	
8.400	1112.838	10: 9	
8.467	1120.647	10:13	
8.533	1110.835	10:17	
8.600	1096.417	10:21	
8.667	1097.418	10:25	
8.733	1101.023	10:29	
8.800	1093.814	10:33	
8.867	1093.614	10:37	
8.933	1105.829	10:41	
9.000	1119.846	10:45	
9.067	1121.048	10:49	
9.133	1121.248	10:53	
9.200	1113.238	10:57	
9.267	1090.209	11: 1	
9.333	1088.007	11: 5	
9.400	1102.024	11: 9	

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MAGNETIC RECORDING PRESSURE GAUGE REPORT

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NORSKE SHELL
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OFFSHORE NORWAY
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TEST 3 MICA SAND . GAUGE 0030 SENSING DEPTH 1486.5 M. RKB. FIRST FLOWS.

DELTA TIME	PRESSURE	TIME	DATE
9.467	1102.625	11:13	21- 6-80
9.533	1099.020	11:17	
9.600	1087.406	11:21	
9.667	1089.208	11:25	
9.733	1095.816	11:29	
9.800	1083.801	11:33	
9.867	1078.194	11:37	
9.933	1077.393	11:41	
10.000	1073.989	11:45	
10.067	1075.791	11:49	
10.200	1078.595	11:57	
10.267	1079.596	12: 1	
10.333	1045.353	12: 5	
10.400	1034.139	12: 9	
10.467	1039.947	12:13	
10.533	1040.347	12:17	
10.600	1056.743	12:21	
10.667	1030.335	12:25	
10.733	1047.556	12:29	
10.800	1047.957	12:33	
10.867	1047.356	12:37	
10.933	1047.756	12:41	
11.000	1049.959	12:45	
11.067	1055.366	12:49	
11.133	1054.365	12:53	
11.200	1057.368	12:57	
11.267	1074.390	13: 1	
11.333	1081.999	13: 5	
11.400	1098.820	13: 9	
11.467	1099.421	13:13	
11.533	1133.664	13:17	
11.600	1133.464	13:21	
11.667	1143.476	13:25	
11.733	1128.858	13:29	
11.800	1131.461	13:33	
11.867	1128.457	13:37	
11.933	1117.243	13:41	
12.000	1115.041	13:45	
12.067	1115.441	13:49	
12.133	1100.422	13:53	
12.200	1103.426	13:57	
12.267	1105.028	14: 1	
12.333	1101.023	14: 5	
12.400	1116.242	14: 9	
12.467	1110.034	14:13	
12.533	1109.834	14:17	
12.600	1108.833	14:21	

WELL INCREASED ON ADJ. CHOKE
SURFACE TIME 11:31 21/6/80

WELL SET ON 90/64" ADJ. CHOKE
SURFACE TIME 11:56 21/6/80

WELL INCREASED ON ADJ. CHOKE
SURFACE TIME 13:36 21/6/80

WELL SET ON 104/64" ADJ. CHOKE
SURFACE TIME 13:50 21/6/80

SEEFY-SUN INTERNATIONAL INC.
 MAGNETIC RECORDING PRESSURE GAUGE REPORT

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NORSE SHELL
 WILDCAT
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OFFSHORE NORWAY
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TEST 3 MICA SAND . GAUGE 0030 SENSING DEPTH 1486.5 M. RKB. FIRST FLOWS.

DELTA TIME	PRESSURE	TIME	DATE
12.667	1106.029	14:25	21- 6-80
12.733	1101.223	14:29	
12.800	1095.216	14:33	
12.867	1080.798	14:37	
12.933	1078.795	14:41	
13.000	1077.193	14:45	
13.067	1077.794	14:49	
13.133	1112.437	14:53	
13.200	1105.829	14:57	
13.267	1105.629	15: 1	
13.333	1122.650	15: 5	
13.400	1066.980	15: 9	
13.467	1066.980	15:13	
13.533	1069.183	15:17	
13.600	1068.182	15:21	
13.667	1069.183	15:25	
13.733	1068.182	15:29	
13.800	1066.980	15:33	
13.867	1086.405	15:37	
13.933	1075.591	15:41	
14.000	1066.179	15:45	
14.067	1072.387	15:49	
14.133	1067.982	15:53	
14.200	1101.624	15:57	
14.267	1103.626	16: 1	
14.333	1105.428	16: 5	
14.400	1090.209	16: 9	
14.467	1091.611	16:13	
14.533	1096.217	16:17	
14.600	1090.610	16:21	
14.667	1085.404	16:25	
14.733	1079.596	16:29	
14.800	1083.601	16:33	
14.867	1086.405	16:37	
14.933	1084.602	16:41	
15.000	1080.597	16:45	
15.067	1098.019	16:49	
15.133	1104.627	16:53	
15.200	1106.029	16:57	
15.267	1107.431	17: 1	
15.333	1106.430	17: 5	
15.400	1128.257	17: 9	
15.467	1135.466	17:13	
15.533	1140.272	17:17	
15.600	1183.526	17:21	
15.667	1170.309	17:25	
15.733	1166.905	17:29	

WELL DECREASED ON ADJ. CHOKE
 WELL SET ON 92/64" ADJ. CHOKE
 SURFACE TIME 15:06 21/6/80

SPERRY-SUN INTERNATIONAL INC.
MAGNETIC RECORDING PRESSURE GAUGE REPORT

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NORSKE SHELL
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OFFSHORE NORWAY
21 JUNE 1980
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TEST 3 MICA SAND . GAUGE 0030 SENSING DEPTH 1486.5 M. RKB. FIRST FLOWS.

DELTA TIME	PRESSURE	TIME	DATE
15.800	1151.686	17:33	21- 6-80
15.867	1150.885	17:37	
15.933	1161.098	17:41	
16.000	1164.702	17:45	
16.067	1184.527	17:49	
16.133	1181.524	17:53	
16.200	1185.328	17:57	
16.267	1192.537	18:01	
16.333	1190.735	18:05	
16.400	1187.731	18:09	
16.467	1163.901	18:13	
16.533	1181.724	18:17	
16.600	1185.328	18:21	
16.667	1186.129	18:25	
16.733	1192.337	18:29	
16.800	1209.959	18:33	
16.867	1211.561	18:37	
16.933	1214.965	18:41	
17.000	1214.965	18:45	
17.067	1224.177	18:49	
17.133	1201.348	18:53	
17.200	1201.749	18:57	
17.267	1202.550	19:01	
17.333	1203.150	19:05	
17.400	1202.750	19:09	
17.467	1202.149	19:13	
17.533	1204.352	19:17	
17.600	1208.357	19:21	
17.667	1208.357	19:25	
17.733	1207.155	19:29	
17.800	1210.359	19:33	
17.867	1214.965	19:37	
17.933	1219.971	19:41	
18.000	1231.786	19:45	
18.067	1233.989	19:49	
18.133	1225.578	19:53	
18.200	1231.586	19:57	
18.267	1230.785	20:01	
18.333	1230.585	20:05	
18.400	1230.785	20:09	
18.467	1224.177	20:13	
18.533	1227.581	20:17	
18.600	1229.784	20:21	
18.667	1228.983	20:25	
18.733	1199.546	20:29	
18.800	1202.750	20:33	
18.867	1215.566	20:37	

SPEERY-SUN INTERNATIONAL INC.
 MAGNETIC RECORDING PRESSURE GAUGE REPORT

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NORSKE SHELL
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OFFSHORE NORWAY
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TEST 3 MICA SAND . GAUGE 0030 SENSING DEPTH 1486.5 M. RKB. FIRST FLOWS.

DELTA TIME	PRESSURE	TIME	DATE
18.933	1217.168	20:41	21- 6-80
19.000	1213.163	20:45	
19.067	1210.960	20:49	
19.133	1210.960	20:53	
19.200	1208.357	20:57	
19.267	1207.756	21: 1	
19.333	1211.160	21: 5	
19.400	1211.561	21: 9	
19.467	1212.762	21:13	
19.533	1214.565	21:17	
19.600	1216.567	21:21	
19.667	1218.770	21:25	
19.733	1207.155	21:29	
19.800	1201.148	21:33	
19.867	1200.748	21:37	
19.933	1201.148	21:41	
20.000	1198.945	21:45	
20.067	1200.347	21:49	
20.133	1209.358	21:53	
20.200	1208.157	21:57	
20.267	1202.550	22: 1	
20.333	1197.744	22: 5	
20.400	1197.343	22: 9	
20.467	1196.542	22:13	
20.533	1197.543	22:17	
20.600	1196.142	22:21	
20.667	1196.542	22:25	
20.733	1196.542	22:29	
20.800	1195.941	22:33	
20.867	1194.139	22:37	
20.933	1192.738	22:41	
21.000	1192.337	22:45	
21.067	1190.535	22:49	
21.133	1189.934	22:53	
21.200	1190.334	22:57	
21.267	1192.137	23: 1	
21.333	1191.736	23: 5	
21.400	1189.934	23: 9	
21.467	1199.346	23:13	
21.533	1221.173	23:17	
21.600	1226.379	23:21	
21.667	1229.383	23:25	
21.733	1230.585	23:29	
21.800	1231.986	23:33	
21.867	1234.389	23:37	
21.933	1237.393	23:41	
22.000	1239.996	23:45	

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TEST 3 MICA SAND . GAUGE 0030 SENSING DEPTH 1486.5 M. RKB. FIRST FLOWS.

DELTA TIME	PRESSURE	TIME	DATE
22.067	1243.401	23:49	21- 6-80
22.133	1246.004	23:53	
22.200	1249.008	23:57	
22.267	1250.610	0: 1	22- 6-80
22.333	1248.607	0: 5	
22.400	1248.807	0: 9	
22.467	1245.403	0:13	
22.533	1235.791	0:17	
22.600	1235.991	0:21	
22.667	1234.389	0:25	
22.733	1234.389	0:29	
22.800	1245.203	0:33	
22.867	1247.406	0:37	
22.933	1245.804	0:41	
23.000	1245.603	0:45	
23.067	1246.805	0:49	
23.133	1247.806	0:53	
23.200	1250.289	0:57	
23.267	1250.409	1: 1	
23.333	1245.403	1: 5	
23.400	1235.391	1: 9	
23.467	1234.790	1:13	
23.533	1234.189	1:17	
23.600	1234.790	1:21	
23.667	1232.988	1:25	
23.733	1233.989	1:29	
23.800	1229.183	1:33	
23.867	1236.392	1:37	
23.933	1245.003	1:41	
24.000	1256.017	1:45	
24.067	1255.416	1:49	
24.133	1254.815	1:53	
24.200	1243.401	1:57	
24.267	1240.797	2: 1	
24.333	1239.996	2: 5	
24.400	1240.597	2: 9	
24.467	1237.994	2:13	
24.533	1237.794	2:17	
24.600	1237.593	2:21	
24.667	1242.399	2:25	
24.733	1249.008	2:29	
24.800	1247.606	2:33	
24.867	1801.698	2:37	

WELL SHUT IN 02:36 21/6/80

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TEST 3 MICA SAND. GAUGE 0030 SENSING DEPTH 1496.5 M. RKB. FIRST SHUT IN.

DELTA TIME	PRESSURE	TIME	DATE	
0.000	1801.698	2:37	22- 6-80	WELL SHUT IN
0.067	2220.020	2:41		SURFACE TIME 02:36
0.133	2242.248	2:45		
0.200	2247.254	2:49		
0.267	2250.057	2:53		
0.333	2251.659	2:57		
0.400	2253.061	3: 1		
0.467	2253.862	3: 5		
0.533	2254.663	3: 9		
0.600	2255.264	3:13		
0.667	2255.664	3:17		
0.733	2256.065	3:21		
0.800	2256.666	3:25		
0.867	2257.066	3:29		
0.933	2257.467	3:33		
1.000	2257.467	3:37		
1.067	2257.867	3:41		
1.133	2258.268	3:45		
1.200	2258.268	3:49		
1.267	2258.468	3:53		
1.333	2258.668	3:57		
1.400	2258.868	4: 1		
1.467	2259.069	4: 5		
1.533	2259.469	4: 9		
1.600	2259.469	4:13		
1.667	2259.669	4:17		
1.733	2259.669	4:21		
1.800	2259.870	4:25		
1.867	2260.070	4:29		
1.933	2260.470	4:33		
2.000	2260.070	4:37		
2.067	2260.270	4:41		
2.133	2260.470	4:45		
2.200	2260.671	4:49		
2.267	2260.671	4:53		
2.333	2260.671	4:57		
2.400	2260.871	5: 1		
2.467	2260.871	5: 5		
2.533	2261.071	5: 9		
2.600	2261.271	5:13		
2.667	2261.472	5:17		
2.733	2261.271	5:21		
2.800	2261.472	5:25		
2.867	2261.271	5:29		
2.933	2261.472	5:33		
3.000	2261.672	5:37		

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TEST 3 MICA SAND. GAUGE 0030 SENSING DEPTH 1486.5 M. RKB. SECOND FLOWS

DELTA TIME	PRESSURE	TIME	DATE	
0.000	2211.609	12:17	22-6-80	WELL OPENED ON ADJ. CHOKE
0.067	2142.523	12:21		SURFACE TIME 12:15 22/6/80
0.133	2069.031	12:25		
0.200	2024.776	12:29		WELL SET ON 32/64" ADJ. CHOKE
0.267	2015.765	12:33		SURFACE TIME 12:27 22/6/80
0.333	2008.155	12:37		
0.400	2009.958	12:41		
0.467	2007.755	12:45		
0.533	2007.555	12:49		
0.600	2007.354	12:53		
0.667	2006.754	12:57		
0.733	2006.954	13: 1		WELL DECREASED TO 28/64" POS.
0.800	2007.755	13: 5		SURFACE TIME 13:00 22/6/80
0.867	2008.356	13: 9		
0.933	2109.682	13:13		
1.000	2117.292	13:17		
1.067	2118.493	13:21		
1.133	2118.693	13:25		
1.200	2119.094	13:29		
1.267	2119.294	13:33		
1.333	2119.494	13:37		
1.400	2119.494	13:41		
1.467	2119.494	13:45		
1.533	2119.695	13:49		
1.600	2120.095	13:53		
1.667	2120.496	13:57		
1.733	2120.896	14: 1		
1.800	2120.696	14: 5		
1.867	2120.896	14: 9		
1.933	2120.496	14:13		
2.000	2120.696	14:17		
2.067	2120.896	14:21		
2.133	2120.896	14:25		
2.200	2120.896	14:29		
2.267	2120.696	14:33		
2.333	2120.696	14:37		
2.400	2120.696	14:41		
2.467	2120.696	14:45		
2.533	2120.896	14:49		
2.600	2120.896	14:53		
2.667	2120.696	14:57		
2.733	2120.896	15: 1		
2.800	2121.297	15: 5		
2.867	2121.096	15: 9		
2.933	2121.096	15:13		
3.000	2121.297	15:17		

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TEST 3 MICA SAND. GAUGE 0030 SENSING DEPTH 1486.5 M. RKB. SECOND FLOWS

DELTA TIME	PRESSURE	TIME	DATE
3.067	2121.096	15:21	22-6-80
3.133	2120.896	15:25	
3.200	2120.896	15:29	
3.267	2121.096	15:33	
3.333	2123.700	15:37	
3.400	2122.098	15:41	
3.467	2122.098	15:45	
3.533	2122.098	15:49	
3.600	2121.897	15:53	
3.667	2121.897	15:57	
3.733	2121.897	16: 1	
3.800	2121.697	16: 5	
3.867	2121.897	16: 9	
3.933	2121.697	16:13	
4.000	2121.697	16:17	
4.067	2121.697	16:21	
4.133	2121.697	16:25	
4.200	2121.497	16:29	
4.267	2121.497	16:33	
4.333	2121.697	16:37	
4.400	2121.897	16:41	
4.467	2122.098	16:45	
4.533	2121.897	16:49	
4.600	2122.098	16:53	
4.667	2122.098	16:57	
4.733	2121.897	17: 1	
4.800	2122.498	17: 5	
4.867	2122.298	17: 9	
4.933	2122.098	17:13	
5.000	2122.298	17:17	
5.067	2122.899	17:21	
5.133	2122.899	17:25	
5.200	2121.897	17:29	
5.267	2121.897	17:33	
5.333	2121.697	17:37	
5.400	2121.897	17:41	
5.467	2123.099	17:45	
5.533	2124.100	17:49	
5.600	2121.697	17:53	
5.667	2121.096	17:57	
5.733	2120.095	18: 1	
5.800	2120.696	18: 5	
5.867	2119.695	18: 9	
5.933	2120.095	18:13	
6.000	2120.896	18:17	
6.067	2122.498	18:21	
6.133	2122.498	18:25	

WELL INCREASED ON ADJ. CHOKE

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TEST 3 MICA SAND. GAUGE 0030 SENSING DEPTH 1486.5 M. RKB. SECOND FLOWS

DELTA TIME	PRESSURE	TIME	DATE	
6.200	2041.397	18:29	22-6-80	SURFACE TIME 18:26 22/6/80
6.267	1979.720	18:33		
6.333	1960.296	18:37		
6.400	1933.662	18:41		
6.467	1886.804	18:45		
6.533	1820.922	18:49		
6.600	1815.114	18:53		WELL SET ON 48/64" POS. CHOKE
6.667	1788.481	18:57		SURFACE TIME 18:55 22/6/80
6.733	1786.879	19:01		
6.800	1785.477	19:05		
6.867	1781.072	19:09		
6.933	1924.050	19:13		WELL SHUT IN 19:12 22/6/80

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TEST 3 MICA SAND. GAUGE 0030 SENSING DEPTH 1486.5 M. RKB. FIRST SHUT IN.

DELTA TIME	PRESSURE	TIME	DATE
3.067	2261.672	5:41	22- 6-80
3.133	2261.672	5:45	
3.200	2261.872	5:49	
3.267	2261.872	5:53	
3.333	2261.872	5:57	
3.400	2262.072	6: 1	
3.467	2262.072	6: 5	
3.533	2261.872	6: 9	
3.600	2262.273	6:13	
3.667	2262.072	6:17	
3.733	2262.273	6:21	
3.800	2262.273	6:25	
3.867	2262.473	6:29	
3.933	2262.473	6:33	
4.000	2262.473	6:37	
4.067	2262.473	6:41	
4.133	2262.473	6:45	
4.200	2262.673	6:49	
4.267	2262.673	6:53	
4.333	2262.673	6:57	
4.400	2262.673	7: 1	
4.467	2262.673	7: 5	
4.533	2262.873	7: 9	
4.600	2262.873	7:13	
4.667	2262.873	7:17	
4.733	2262.873	7:21	
4.800	2263.074	7:25	
4.867	2262.873	7:29	
4.933	2263.074	7:33	
5.000	2263.074	7:37	
5.067	2263.074	7:41	
5.133	2262.873	7:45	
5.200	2263.074	7:49	
5.267	2263.074	7:53	
5.333	2263.274	7:57	
5.400	2263.074	8: 1	
5.467	2263.274	8: 5	
5.533	2263.274	8: 9	
5.600	2263.274	8:13	
5.667	2263.474	8:17	
5.733	2263.274	8:21	
5.800	2263.274	8:25	
5.867	2263.274	8:29	
5.933	2263.274	8:33	
6.000	2263.274	8:37	
6.067	2263.674	8:41	
6.133	2263.474	8:45	

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 MECHANICAL RECORDING PRESSURE GAUGE REPORT

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TEST 3 MICA SAND. GAUGE 0030 SENSING DEPTH 1486.5 M. RKB. FIRST SHUT IN.

DELTA TIME	PRESSURE	TIME	DATE
5.200	2263.474	8:49	22- 6-80
5.267	2263.474	8:53	
5.333	2263.674	8:57	
5.400	2263.674	9: 1	
5.467	2263.674	9: 5	
5.533	2263.674	9: 9	
5.600	2263.674	9:13	
5.667	2263.674	9:17	
5.733	2263.875	9:21	
5.800	2263.875	9:25	
5.867	2263.875	9:29	
5.933	2263.674	9:33	
7.000	2263.875	9:37	
7.067	2264.075	9:41	
7.133	2263.875	9:45	
7.200	2263.875	9:49	
7.267	2263.875	9:53	
7.333	2264.075	9:57	
7.400	2264.075	10: 1	
7.467	2264.075	10: 5	
7.533	2264.075	10: 9	
7.600	2264.075	10:13	
7.667	2264.075	10:17	
7.733	2264.275	10:21	
7.800	2264.275	10:25	
7.867	2264.275	10:29	
7.933	2264.275	10:33	
8.000	2264.275	10:37	
8.067	2264.475	10:41	
8.133	2264.475	10:45	
8.200	2264.475	10:49	
8.267	2264.075	10:53	
8.333	2264.275	10:57	
8.400	2264.676	11: 1	
8.467	2264.475	11: 5	
8.533	2264.475	11: 9	
8.600	2264.475	11:13	
8.667	2264.475	11:17	
8.733	2264.676	11:21	
8.800	2264.676	11:25	
8.867	2264.676	11:29	
8.933	2264.475	11:33	
9.000	2264.676	11:37	
9.067	2256.666	11:41	
9.133	2264.275	11:45	
9.200	2264.676	11:49	
9.267	2264.676	11:53	

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TEST 3 MICA SAND. GAUGE 0030 SENSING DEPTH 1486.5 M. RKB. FIRST SHUT IN.

DELTA TIME	PRESSURE	TIME	DATE
9.333	2264.876	11:57	22- 6-80
9.400	2264.876	12: 1	
9.467	2264.676	12: 5	
9.533	2264.876	12: 9	
9.600	2264.876	12:13	
9.667	2211.609	12:17	

SURFACE TIME 12:15 22/6/80
WELL OPENED ON ADJ. CHOKE

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TEST 3 MICA SAND . GAUGE 0030 SENSING DEPTH 1486.5 M. RKB. THIRD FLOWS.

DELTA TIME	PRESSURE	TIME	DATE	
0.000	2248.856	20: 5	22- 6-80	WELL OPENED ON ADJ. CHOKE
0.067	2212.410	20: 9		SURFACE TIME 20:00 22/6/80
0.133	2134.313	20:13		
0.200	2053.011	20:17		
0.267	1945.878	20:21		
0.333	1886.403	20:25		
0.400	1826.128	20:29		
0.467	1812.912	20:33		
0.533	1813.312	20:37		
0.600	1783.475	20:41		WELL SET ON 48/64" POS. CHOKE
0.667	1775.265	20:45		SURFACE TIME 20:40 22/6/80
0.733	1776.466	20:49		
0.800	1767.855	20:53		
0.867	1758.656	20:57		
0.933	1770.859	21: 1		
1.000	1767.054	21: 5		
1.067	1767.455	21: 9		
1.133	1820.321	21:13		
1.200	1864.776	21:17		
1.267	1882.198	21:21		WELL DECREASED TO 40/64" POS.
1.333	1905.227	21:25		SURFACE TIME 21:22 22/6/80
1.400	1909.032	21:29		
1.467	1909.432	21:33		
1.533	1909.833	21:37		
1.600	1910.433	21:41		
1.667	1911.034	21:45		
1.733	1911.635	21:49		
1.800	1913.237	21:53		
1.867	1912.035	21:57		
1.933	1910.834	22: 1		
2.000	1910.834	22: 5		
2.067	1912.035	22: 9		
2.133	1913.037	22:13		
2.200	1911.034	22:17		
2.267	1905.627	22:21		
2.333	1906.428	22:25		
2.400	1906.428	22:29		
2.467	1906.228	22:33		
2.533	1910.233	22:37		
2.600	1910.233	22:41		
2.667	1910.033	22:45		
2.733	1909.432	22:49		
2.800	1909.032	22:53		
2.867	1909.833	22:57		
2.933	1909.432	23: 1		
3.000	1909.833	23: 5		

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TEST 3 MICA SAND. GAUGE 0030 SENSING DEPTH 1486.5 M. RKB. SECOND SHUT IN.

DELTA TIME	PRESSURE	TIME	DATE	
0.000	1924.050	19:13	22-6-80	WELL SHUT IN
0.067	2242.047	19:17		SURFACE TIME 19:12 22/6/80
0.133	2255.865	19:21		
0.200	2258.668	19:25		
0.267	2260.070	19:29		
0.333	2261.271	19:33		
0.400	2261.672	19:37		
0.467	2261.872	19:41		
0.533	2262.473	19:45		
0.600	2262.673	19:49		
0.667	2263.474	19:53		
0.733	2263.274	19:57		
0.800	2263.274	20: 1		SURFACE TIME 20:00 22/6/80
0.867	2248.856	20: 5		WELL OPENED ON ADJ. CHOKE

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TEST 3 MICA SAND . GAUGE 0030 SENSING DEPTH 1486.5 M. RKB. THIRD FLOWS.

DELTA TIME	PRESSURE	TIME	DATE
3.067	1911.435	23:9	22-6-80
3.133	1912.636	23:13	
3.200	1912.636	23:17	
3.267	1914.238	23:21	
3.333	1915.239	23:25	
3.400	1918.243	23:29	
3.467	1920.045	23:33	
3.533	1920.446	23:37	
3.600	1922.849	23:41	
3.667	1920.446	23:45	
3.733	1920.446	23:49	
3.800	1921.447	23:53	
3.867	1922.448	23:57	
3.933	1919.845	0:1	23-6-80
4.000	1917.042	0:5	
4.067	1915.239	0:9	
4.133	1912.436	0:13	
4.200	1911.034	0:17	
4.267	1909.432	0:21	
4.333	1908.431	0:25	
4.400	1916.641	0:29	
4.467	1917.642	0:33	
4.533	1914.639	0:37	
4.600	1913.237	0:41	
4.667	1912.436	0:45	
4.733	1912.436	0:49	
4.800	1912.636	0:53	
4.867	1912.035	0:57	
4.933	1908.030	1:1	
5.000	1907.229	1:5	
5.067	1908.831	1:9	
5.133	1908.030	1:13	
5.200	1908.431	1:17	
5.267	1909.833	1:21	
5.333	1911.234	1:25	
5.400	1909.632	1:29	
5.467	1914.839	1:33	
5.533	1916.040	1:37	
5.600	1915.840	1:41	
5.667	1916.641	1:45	
5.733	1916.040	1:49	
5.800	1912.836	1:53	
5.867	1909.833	1:57	
5.933	1907.430	2:1	
6.000	1907.630	2:5	
6.067	1908.231	2:9	
6.133	1909.833	2:13	

NORNE SHELL
 WILDCAT
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OFFSHORE NORWAY
 22 JUNE 1980
 MRPG-583-NR

TEST 3 MICA SAND . GAUGE 0030 SENSING DEPTH 1485.5 M. RKB. THIRD FLOWS.

DELTA TIME	PRESSURE	TIME	DATE
6.200	1911.034	2:17	23- 6-80
6.267	1912.035	2:21	
6.333	1912.035	2:25	
6.400	1911.835	2:29	
6.467	1914.839	2:33	
6.533	1912.236	2:37	
6.600	1911.234	2:41	
6.667	1910.834	2:45	
6.733	1910.433	2:49	
6.800	1911.034	2:53	
6.867	1912.035	2:57	
6.933	1912.436	3: 1	
7.000	1912.636	3: 5	
7.067	1913.437	3: 9	
7.133	1912.836	3:13	
7.200	1912.436	3:17	
7.267	1912.836	3:21	
7.333	1912.236	3:25	
7.400	1911.835	3:29	
7.467	1913.437	3:33	
7.533	1913.437	3:37	
7.600	1913.637	3:41	
7.667	1914.238	3:45	
7.733	1914.639	3:49	
7.800	1919.044	3:53	
7.867	1919.244	3:57	
7.933	1917.042	4: 1	
8.000	1916.040	4: 5	
8.067	1916.040	4: 9	
8.133	1916.241	4:13	
8.200	1916.441	4:17	
8.267	1916.641	4:21	
8.333	1916.241	4:25	
8.400	1916.040	4:29	
8.467	1916.441	4:33	
8.533	1916.040	4:37	
8.600	1916.641	4:41	
8.667	1913.637	4:45	
8.733	1913.437	4:49	
8.800	1913.637	4:53	
8.867	1914.238	4:57	
8.933	1914.438	5: 1	
9.000	1917.642	5: 5	
9.067	1919.845	5: 9	
9.133	1920.846	5:13	
9.200	1920.846	5:17	
9.267	1910.033	5:21	

SEAFIELD INTERNATIONAL INC.
MAGNETIC RECORDING PRESSURE GAUGE REPORT

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WOPRKE SHELL
WILDCAAT
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OFFSHORE NORWAY
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MRPG-583-HR

TEST 3 MICA SAND GAUGE 0030 SENSING DEPTH 1486.5 M. RKB. THIRD FLOWS.

DELTA TIME	PRESSURE	TIME	DATE
9.333	1908.431	5:25	23- 6-80
9.400	1907.430	5:29	
9.467	1906.028	5:33	
9.533	1906.028	5:37	
9.600	1906.028	5:41	
9.667	1916.040	5:45	
9.733	1919.845	5:49	
9.800	1913.838	5:53	
9.867	1777.067	5:57	
9.933	1660.521	6: 1	
10.000	1730.609	6: 5	
10.067	1872.386	6: 9	
10.133	1886.003	6:13	
10.200	1889.808	6:17	
10.267	1896.416	6:21	
10.333	1895.415	6:25	
10.400	1893.212	6:29	
10.467	1807.505	6:33	
10.533	1557.593	6:37	
10.600	1515.340	6:41	
10.667	1513.538	6:45	
10.733	1511.135	6:49	
10.800	1509.132	6:53	
10.867	1509.333	6:57	
10.933	1508.332	7: 1	
11.000	1502.724	7: 5	
11.067	1489.708	7: 9	
11.133	1481.097	7:13	
11.200	1558.594	7:17	
11.267	1566.404	7:21	
11.333	1569.608	7:25	
11.400	1571.210	7:29	
11.467	1575.816	7:33	
11.533	1573.413	7:37	
11.600	1574.214	7:41	
11.667	1574.214	7:45	
11.733	1577.217	7:49	
11.800	1571.811	7:53	
11.867	1589.433	7:57	
11.933	1610.659	8: 1	
12.000	1617.868	8: 5	
12.067	1620.471	8: 9	
12.133	1621.873	8:13	
12.200	1597.242	8:17	
12.267	1586.829	8:21	
12.333	1586.028	8:25	
12.400	1568.607	8:29	

WELL FLOWED ON ADJ. CHOKE
SURFACE TIME 05:42 23/6/80

WELL SET ON 64/64" PQS. CHOKE
SURFACE TIME 07:13 23/6/80

SEPRY-ELM INTERNATIONAL INC.
 MAGNETIC RECORDING PRESSURE GAUGE REPORT

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MARSKO SHELL
 MILOCAT
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OFFSHORE NORWAY
 22 JUNE 1980
 MRPG-583-HR

TEST 3 MICA SAND . GAUGE 0030 SENSING DEPTH 1486.5 M. RKB. THIRD FLOWS.

DELTA TIME	PRESSURE	TIME	DATE
12.467	1556.392	8:33	23- 6-80
12.533	1550.985	8:37	
12.600	1548.181	8:41	
12.667	1548.381	8:45	
12.733	1547.981	8:49	
12.800	1547.380	8:53	
12.867	1546.179	8:57	
12.933	1545.177	9: 1	
13.000	1545.578	9: 5	
13.067	1544.977	9: 9	
13.133	1543.776	9:13	
13.200	1542.774	9:17	
13.267	1542.174	9:21	
13.333	1542.774	9:25	
13.400	1541.973	9:29	
13.467	1541.773	9:33	
13.533	1542.774	9:37	
13.600	1540.772	9:41	
13.667	1540.572	9:45	
13.733	1540.772	9:49	
13.800	1544.577	9:53	
13.867	1544.176	9:57	
13.933	1541.573	10: 1	
14.000	1541.373	10: 5	
14.067	1540.572	10: 9	
14.133	1538.970	10:13	
14.200	1539.771	10:17	
14.267	1539.971	10:21	
14.333	1539.771	10:25	
14.400	1539.370	10:29	
14.467	1538.970	10:33	
14.600	1539.570	10:41	
14.667	1521.548	10:45	
14.733	1519.946	10:49	
14.800	1519.946	10:53	
14.867	1518.344	10:57	
14.933	1519.345	11: 1	
15.000	1521.147	11: 5	
15.067	1521.147	11: 9	
15.133	1521.147	11:13	
15.200	1520.747	11:17	
15.267	1518.945	11:21	
15.333	1517.743	11:25	
15.400	1516.742	11:29	
15.467	1516.742	11:33	
15.533	1515.941	11:37	
15.600	1517.743	11:41	

SEPRAY-BUM INTERNATIONAL INC.
MAGNETIC RECORDING PRESSURE GAUGE REPORT

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NORSKE SHELL
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OFFSHORE NORWAY
22 JUNE 1980
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TEST 3 MICA SAND . GAUGE 0030 SENSING DEPTH 1486.5 M. RKB. THIRD FLOWS.

DELTA TIME	PRESSURE	TIME	DATE
15.667	1516.942	11:45	23- 6-80
15.733	1516.942	11:49	
15.800	1517.142	11:53	
15.867	1517.543	11:57	
15.933	1516.542	12: 1	
16.000	1519.545	12: 5	
16.067	1519.145	12: 9	
16.133	1518.544	12:13	
16.200	1518.344	12:17	
16.267	1516.742	12:21	
16.333	1516.942	12:25	
16.400	1516.542	12:29	
16.467	1516.742	12:33	
16.533	1517.343	12:37	
16.600	1517.543	12:41	
16.667	1517.743	12:45	
16.733	1489.708	12:49	
16.800	1523.751	12:53	
16.867	1350.334	12:57	
16.933	1327.105	13: 1	
17.000	1322.299	13: 5	
17.067	1327.706	13: 9	
17.133	1330.910	13:13	
17.200	1332.712	13:17	
17.267	1336.517	13:21	
17.333	1331.911	13:25	
17.400	1329.308	13:29	
17.467	1324.902	13:33	
17.533	1324.302	13:37	
17.600	1324.101	13:41	
17.667	1321.098	13:45	
17.733	1318.294	13:49	
17.800	1323.701	13:53	
17.867	1322.900	13:57	
17.933	1321.698	14: 1	
18.000	1272.237	14: 5	
18.067	1257.819	14: 9	
18.133	1253.613	14:13	
18.200	1252.612	14:17	
18.267	1253.413	14:21	
18.333	1252.011	14:25	
18.400	1247.606	14:29	
18.467	1243.801	14:33	
18.533	1241.198	14:37	
18.600	1240.597	14:41	
18.667	1242.600	14:45	
18.733	1244.202	14:49	

WELL FLOWED ON ADJ. CHOKE
WELL SET ON 80/64" ADJ. CHOKE
SURFACE TIME 12:55 23/6/80

WELL INCREASED ON ADJ. CHOKE
WELL SET ON 96/64" ADJ. CHOKE
SURFACE TIME 14:09 23/6/80

NORSKE SHELL
 WILDCAT
 31/2-3

OFFSHORE NORWAY
 22 JUNE 1980
 MRPG-583-HR

TEST 3 MICA SAND . GAUGE 0030 SENSING DEPTH 1486.5 M. RKB. THIRD FLOWS.

DELTA TIME	PRESSURE	TIME	DATE
18.800	1248.407	14:53	23- 6-80
18.867	1246.805	14:57	
18.933	1245.804	15: 1	
19.000	1254.815	15: 5	
19.067	1255.416	15: 9	
19.133	1250.610	15:13	
19.200	1245.404	15:17	
19.267	1240.397	15:21	
19.333	1229.183	15:25	
19.400	1236.392	15:29	
19.467	1253.613	15:33	
19.533	1255.816	15:37	
19.600	1254.214	15:41	
19.667	1256.417	15:45	
19.733	1255.816	15:49	
19.800	1259.020	15:53	
19.867	1268.432	15:57	
19.933	1268.632	16: 1	
20.000	1270.835	16: 5	
20.067	1272.036	16: 9	
20.133	1272.036	16:13	
20.200	1258.219	16:17	
20.267	1249.008	16:21	
20.333	1266.229	16:25	
20.400	1276.041	16:29	
20.467	1277.443	16:33	
20.533	1277.243	16:37	
20.600	1277.443	16:41	
20.667	1276.242	16:45	
20.733	1277.043	16:49	
20.800	1275.240	16:53	
20.867	1269.433	16:57	
20.933	1269.033	17: 1	
21.000	1269.033	17: 5	
21.067	1269.033	17: 9	
21.133	1268.832	17:13	
21.200	1268.632	17:17	
21.267	1268.232	17:21	
21.333	1262.424	17:25	
21.400	1248.207	17:29	
21.467	1232.387	17:33	
21.533	1233.989	17:37	
21.600	1233.789	17:41	
21.667	1233.388	17:45	
21.733	1234.790	17:49	
21.800	1234.389	17:53	
21.867	1235.391	17:57	

WELL INCREASED ON ADJ. CHOKE
 SURFACE TIME 15:20 23/6/80
 WELL SET ON 112/64" ADJ. CHOKE
 SURFACE TIME 15:29 23/6/80

WELL INCREASED TO 128/64" POS.
 SURFACE TIME 16:17 23/6/80

SPEAR-SON INTERNATIONAL INC.
MAGNETIC RECORDING PRESSURE GAUGE REPORT

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NORSKE SHELL
WILDCAT
31/2-3

OFFSHORE NORWAY
22 JUNE 1980
MRPG-583-HR

TEST 3 MICA SAND . GAUGE 0030 SENSING DEPTH 1486.5 M. RKB. THIRD FLOWS.

DELTA TIME	PRESSURE	TIME	DATE
21.933	1302.074	18: 1	23- 6-80 WELL SHUT IN 17:54 23/6/80

SPERRY-SUN INTERNATIONAL INC.
 MAGNETIC RECORDING PRESSURE GAUGE REPORT

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NORSKE SHELL
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OFFSHORE NORWAY
 22 JUNE 1980
 MRPG-583-NR

TEST 3 MICA SAND. GAUGE 0030 SENSING DEPTH 1486.5 M. RKB. THIRD SHUT IN.

DELTA TIME	PRESSURE	TIME	DATE	
0.000	1302.074	18: 1	23- 6-80	WELL SHUT IN
0.067	2182.974	18: 5		SURFACE TIME 17:54 23/6/80
0.133	2237.842	18: 9		
0.200	2245.652	18:13		
0.267	2249.056	18:17		
0.333	2251.059	18:21		
0.400	2252.460	18:25		
0.467	2253.261	18:29		
0.533	2254.263	18:33		
0.600	2255.064	18:37		
0.667	2255.664	18:41		
0.733	2256.065	18:45		
0.800	2256.065	18:49		
0.867	2256.866	18:53		
0.933	2257.467	18:57		
1.000	2257.467	19: 1		
1.067	2258.067	19: 5		
1.133	2258.468	19: 9		
1.200	2258.468	19:13		
1.267	2258.668	19:17		
1.333	2259.069	19:21		
1.400	2259.269	19:25		
1.467	2259.069	19:29		
1.533	2259.669	19:33		
1.600	2259.669	19:37		
1.667	2259.870	19:41		
1.733	2260.070	19:45		
1.800	2260.070	19:49		
1.867	2260.070	19:53		
1.933	2260.470	19:57		
2.000	2260.671	20: 1		
2.067	2260.871	20: 5		
2.133	2260.871	20: 9		
2.200	2260.871	20:13		
2.267	2261.071	20:17		
2.333	2261.472	20:21		
2.400	2261.271	20:25		
2.467	2261.271	20:29		
2.533	2261.472	20:33		
2.600	2261.672	20:37		
2.667	2261.872	20:41		
2.733	2261.672	20:45		
2.800	2261.872	20:49		
2.867	2261.672	20:53		
2.933	2261.872	20:57		
3.000	2261.872	21: 1		

SPERRY-SUN INTERNATIONAL INC.
 MAGNETIC RECORDING PRESSURE GAUGE REPORT

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NORSKE SHELL
 WILDCAT
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OFFSHORE NORWAY
 22 JUNE 1980
 MRPG-583-HR

TEST 3 MICA SAND. GAUGE 0030 SENSING DEPTH 1486.5 M. RKB. THIRD SHUT IN.

DELTA TIME	PRESSURE	TIME	DATE
3.067	2262.273	21: 5	23- 6-80
3.133	2262.273	21: 9	
3.200	2262.273	21:13	
3.267	2262.273	21:17	
3.333	2262.273	21:21	
3.400	2262.473	21:25	
3.467	2262.473	21:29	
3.533	2262.673	21:33	
3.600	2262.473	21:37	
3.667	2262.673	21:41	
3.733	2262.473	21:45	
3.800	2262.673	21:49	
3.867	2262.873	21:53	
3.933	2262.673	21:57	
4.000	2262.873	22: 1	
4.067	2262.673	22: 5	
4.133	2263.074	22: 9	
4.200	2263.074	22:13	
4.267	2262.873	22:17	
4.333	2263.074	22:21	
4.400	2263.274	22:25	
4.467	2263.074	22:29	
4.533	2263.074	22:33	
4.600	2263.074	22:37	
4.667	2263.074	22:41	
4.733	2263.274	22:45	
4.800	2263.474	22:49	
4.867	2263.474	22:53	
4.933	2263.474	22:57	
5.000	2263.274	23: 1	
5.067	2263.474	23: 5	
5.133	2263.474	23: 9	
5.200	2263.674	23:13	
5.267	2263.474	23:17	
5.333	2263.674	23:21	
5.400	2263.674	23:25	
5.467	2263.875	23:29	
5.533	2263.875	23:33	
5.600	2263.674	23:37	
5.667	2263.875	23:41	
5.733	2263.875	23:45	
5.800	2263.875	23:49	
5.867	2264.075	23:53	
5.933	2263.674	23:57	
6.000	2263.674	0: 1	24- 6-80
6.067	2263.875	0: 5	
6.133	2264.275	0: 9	

OFFSHORE WINDING
WILBERT
3142-3

OFFSHORE WINDING
22 JUNE 1980
NRFG-553-HR

TEST 3 MICA SAND. GAUGE 3038 SENSING DEPTH 1486.5 M. RNB. THIRD SHUT IN.

DELTA TIME	PRESSURE	TIME	DATE
6.200	3254.075	0:13	24- 6-80
6.257	3254.075	0:17	
6.337	3254.075	0:21	
6.400	3254.075	0:25	
6.457	3254.075	0:29	
6.533	3254.075	0:33	
6.501	3254.075	0:37	
6.667	3254.075	0:41	
6.733	3254.475	0:45	

END OF TEST 00:45 24/6/80