

sperry-sun internati

Denne rapport
tilhører

STATOIL

L&U DOK. SENTER

L. NR. 20088390024

KODE Well 31/2-3 nr 36

Returneres etter bruk

PRESSURE SURVEY REPORT

for

NORSKE SHELL A/S

WELL NO. 31/2-3

DATE: 20 JUNE 1980

PRESSURE TEST 2 RUN 2



(A Sperry-Sun Company)

Precision Instruments / Professional Service



PRESSURE TEST DATA SUMMARY

COMPANY: NORSKE SHELL DATE: 20 JUNE 1980

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

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

PERFORATION INTERVAL: _____ ZONE: MICA SAND

	TOP	MIDDLE	BOTTOM
GAUGE TYPE/NO.	<u>MRPG 0038</u>	<u>MRPG 0030</u>	<u>AMERADA</u>
PRESSURE SENSING DEPTH	<u>1483,6 METERS</u>	<u>1486,5 METERS</u>	
ELEMENT SIZE	<u>4000 PSI</u>	<u>4000 PSI</u>	
TIME MODE	<u>4 MINUTE</u>	<u>4 MINUTE</u>	
BATTERY TYPE	<u>ALKALINE</u>	<u>ALKALINE</u>	

EVENT	SURFACE TIMES & DATES		TEMP. °F
IN LUBRICATOR	18:13	17/6	NO RECORDINGS SHOWN
STOP AT 357 M	21:55	"	52
" " 881 M	22:59	"	78
" " 1181 M	00:12	18/6	122
SEATED IN F NIPPLE	01:26	"	127
OPEN ON ADJ. CHOKE	03:45	"	142
SET ON 18/64" ADJ. CHOKE	05:00	"	143
" " 23/64" " "	06:15	"	139
" " 28/64" " "	07:30	"	134
" " 28/64" POSS. CHOKE	14:15	"	125
WELL SHUT IN	07:30	"	133
OPEN ON 12/64" ADJ. CHOKE	13:30	19/6	139
WELL SHUT IN	15:33	"	145
OPEN ON 12/64" ADJ. CHOKE	16:00	"	144
SET " 18/64" " "	18:00	"	147
" " 20/64 " "	22:00	"	147
WELL SHUT IN	02:00	20/6	143
GAUGES OF BOTTOM	03:05	"	144
STOP AT 1181 M	03:17	"	138
" " 881 M	04:25	"	124
" " 357 M	05:37	"	89
GAUGES IN LUBRICATOR	06:47	"	53
END OF TEST	07:42	"	60

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

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

OFFSHORE METEOROLOGICAL DATA REPORT

PAGE

OFFSHORE MCR 111
28 JUNE 1980
WAPG-583-DR

TABLE 2. PLUM - TALLS 3008 BEARING DEPTH 14.315 M. C.B.E.

TIME	PRESSURE	TIME	DATE
0.000	1.552	21:27	17- 5-80 GAUGE IN USE. 21 28 17/6/80
0.167	1.523	21:31	
0.333	1.478	21:35	
0.500	1.418	21:39	
0.667	1.343	21:43	
0.833	1.243	21:47	
0.900	1.123	21:51	
0.967	1.011	21:55	STOP AT 357 M. 21:55 17/6/80
0.933	0.913	21:59	
0.900	0.838	22: 3	
0.733	0.777	22:11	
0.567	0.718	22:15	
0.400	0.654	22:19	
0.233	0.594	22:23	
0.067	0.537	22:27	
0.000	0.483	22:31	
0.167	0.433	22:35	
0.333	0.386	22:39	
0.500	0.343	22:43	
0.667	0.307	22:47	
0.833	0.277	22:51	
0.900	0.250	22:55	STOP AT 881 M. 22:55 17/6/80
0.967	0.226	22:59	
0.933	0.205	23: 3	
0.900	0.187	23: 7	
0.867	0.173	23:11	
0.833	0.161	23:15	
0.800	0.151	23:19	
0.767	0.143	23:23	
0.733	0.137	23:27	
0.700	0.132	23:31	
0.667	0.128	23:35	
0.633	0.125	23:39	
0.600	0.123	23:43	
0.567	0.121	23:47	
0.533	0.120	23:51	
0.500	0.119	23:55	
0.467	0.119	23:59	
0.433	0.119	0: 3	18- 6-80
0.400	0.119	0: 7	
0.367	0.119	0:11	STOP AT 1181 M. 00:12 18/6/80
0.333	0.119	0:15	
0.300	0.119	0:19	
0.267	0.119	0:23	
0.233	0.119	0:27	
0.200	0.119	0:31	
0.167	0.119	0:35	
0.133	0.119	0:39	

GEOPHYSICAL SERVICES INC.
 MAGNETIC RECORDING PRESSURE GAUGE REPORT

PAGE 2

NORSKE SHELL
 WILD CAT
 3142-3

OFFSHORE NORWAY
 20 JUNE 1980
 MPPG-163-11R

TEST 2 RUN 1 GAUGE 0033 SENSING DEPTH 1493.6 M. RMS.

DELTA TIME	PRESSURE	TIME	DATE
3.267	2182.655	0:43	13- 6-80
3.337	2182.655	0:47	
3.407	2182.651	0:51	
3.477	2182.655	0:55	
3.547	2182.651	0:59	
3.617	2182.687	1: 3	
3.687	2182.687	1: 7	
3.757	2193.474	1:11	
3.827	2221.889	1:23	
3.897	1621.440	1:27	
4.037	2238.939	1:31	
4.133	2238.939	1:35	
4.203	2238.939	1:39	
4.273	2238.939	1:43	
4.343	2238.351	1:47	
4.413	2238.351	1:51	
4.483	2238.743	1:55	
4.553	2238.743	1:59	
4.623	2238.743	2: 3	
4.693	2238.743	2: 7	
4.763	2238.743	2:11	
4.833	2238.547	2:15	
4.903	2238.743	2:19	
4.973	2239.135	2:23	
5.043	2239.135	2:27	
5.113	2238.939	2:31	
5.183	2238.743	2:35	
5.253	2238.743	2:39	
5.323	2238.743	2:43	
5.393	2238.939	2:47	
5.463	2238.939	2:51	
5.533	2238.939	2:55	
5.603	2238.939	2:59	
5.673	2238.939	3: 3	
5.743	2238.743	3: 7	
5.813	2238.743	3:11	
5.883	2238.743	3:15	
5.953	2238.743	3:19	
6.023	2238.743	3:23	
6.093	2239.135	3:27	
6.163	2238.939	3:31	
6.233	2239.330	3:35	
6.303	2238.723	3:39	
6.373	2177.911	3:43	
6.443	2177.911	3:47	
6.513	2178.366	3:51	
6.583	2165.436	3:55	

SEATED IN F NIPPLE 01:26 13/6/80

WELL OPENED ON 12/54' SDJ. CHO
 SURFACE TIME 03:45 13/6/80

WELLSHELL
WILDWELL
31-1-8

OFFSHORE NORWAY
26 JUNE 1980
MRPG-583-HR

TEST 1 RUN 2 GAUGE 0000 SE. SURF. DEPTH 1483.6 M. RKB.

DELTA TIME	DEPTH	TIME	DATE
6.533	2141.542	3:53	18-6-80
6.583	2137.176	4:03	
6.557	2131.751	4:07	
6.733	2035.143	4:11	
6.603	2066.854	4:15	
6.567	2054.532	4:19	
6.533	2045.321	4:23	
7.000	2042.382	4:27	
7.067	2037.482	4:31	
7.133	2034.347	4:35	
7.200	2031.733	4:39	
7.267	2029.840	4:43	
7.333	2028.468	4:47	
7.400	2027.292	4:51	
7.467	2026.312	4:55	
7.533	2025.332	4:59	
7.600	1927.113	5:03	
7.667	1925.487	5:07	
7.733	1931.871	5:11	
7.800	1921.290	5:15	
7.867	1923.462	5:19	
7.933	1941.799	5:23	
8.000	1923.788	5:27	
8.067	1927.823	5:31	
8.133	1757.581	5:35	
8.200	1791.547	5:39	
8.267	1775.373	5:43	
8.333	1772.999	5:47	
8.400	1775.452	5:51	
8.467	1773.120	5:55	
8.533	1765.869	5:59	
8.600	1765.673	6:03	
8.667	1765.673	6:07	
8.733	1768.221	6:11	
8.800	1770.181	6:15	
8.867	1681.603	6:19	
8.933	1603.215	6:23	
9.000	1549.912	6:27	
9.067	1518.326	6:31	
9.133	1481.126	6:35	
9.200	1461.138	6:39	
9.267	1457.163	6:43	
9.333	1447.186	6:47	
9.400	1448.167	6:51	
9.467	1441.149	6:55	
9.533	1446.869	6:59	
9.600	1454.867	7:03	

WELL SET ON 23/64" ADJ. CHOKE
SURFACE TIME 06:15 18/6/80

WELL
 WELL NO.
 21 2-2

OFFSHORE NORWAY
 20 JUNE 1980
 MRPG-583-NR

TEST 2 RUN 2 GAUGE 3022 SEALING DEPTH 1483.6 M. RMB.

DELTA TIME	PRESSURE	TIME	DATE
9.567	1479.755	7:7	18-6-80
9.733	1499.743	7:11	
9.867	1517.853	7:15	
9.967	1513.853	7:19	
9.933	1513.853	7:23	
10.000	1523.260	7:27	
10.067	1523.652	7:31	
10.133	1473.092	7:35	
10.200	1371.188	7:39	
10.267	1304.950	7:43	
10.333	1276.535	7:47	
10.400	1272.028	7:51	
10.467	1274.183	7:55	
10.533	1265.561	7:59	
10.600	1253.405	8:3	
10.667	1245.180	8:7	
10.733	1226.171	8:11	
10.800	1209.709	8:15	
10.867	1193.539	8:19	
10.933	1181.580	8:23	
11.000	1194.424	8:27	
11.067	1182.356	8:31	
11.133	1197.896	8:35	
11.200	1153.836	8:39	
11.267	1156.579	8:43	
11.333	1198.931	8:47	
11.400	1199.519	8:51	
11.467	1194.228	8:55	
11.533	1194.424	8:59	
11.600	1200.499	9:3	
11.667	1208.534	9:7	
11.733	1213.041	9:11	
11.800	1216.176	9:15	
11.867	1221.859	9:19	
11.933	1226.171	9:23	
12.000	1233.814	9:27	
12.067	1232.442	9:31	
12.133	1219.704	9:35	
12.200	1209.905	9:39	
12.267	1205.398	9:43	
12.333	1204.418	9:47	
12.400	1207.358	9:51	
12.467	1212.257	9:55	
12.533	1220.292	9:59	
12.600	1225.975	10:3	
12.667	1230.286	10:7	
12.733	1236.361	10:11	

WELL SET ON 28/64" ADJ. CHOKE
 SURFACE TIME 07:30 18/6/80

MORRIS E-ELL
WILCOPT
3143-3

OFFICER MORLEY
22 JUNE 1968
MRPG-583-MR

TEST 1 R.V. 1 DANCE 2025 12 10 13 LENGTH 1483.2 W. ARE

DELTA TIME	PRESSURE	TIME	DATE
13.133	1237.331	10:13	10-5-68
13.257	1233.717	10:13	
13.333	1233.314	10:23	
13.507	1237.226	10:27	
13.557	1237.341	10:31	
13.733	1238.509	10:35	
13.800	1239.284	10:35	
13.857	1253.797	10:43	
13.933	1254.586	10:47	
13.433	1249.687	10:51	
13.457	1243.806	10:55	
13.533	1239.839	10:59	
13.599	1236.361	11:03	
13.557	1234.793	11:07	
13.733	1234.989	11:11	
13.800	1243.415	11:15	
13.857	1254.399	11:19	
13.933	1245.160	11:23	
13.980	1244.834	11:27	
13.957	1249.476	11:31	
13.933	1238.713	11:35	
13.933	1235.185	11:39	
13.857	1233.518	11:43	
13.833	1233.226	11:47	
13.980	1233.518	11:51	
13.957	1234.205	11:55	
13.933	1234.205	11:59	
13.800	1237.341	12:03	
13.857	1237.929	12:07	
13.733	1239.497	12:11	
13.800	1242.532	12:15	
13.857	1245.160	12:19	
13.833	1245.687	12:23	
13.800	1250.275	12:27	
13.857	1258.863	12:31	
13.933	1258.863	12:35	
13.800	1249.687	12:39	
13.857	1254.194	12:43	
13.933	1258.898	12:47	
13.400	1262.621	12:51	
13.457	1262.617	12:55	
13.533	1269.973	12:59	
13.600	1262.425	13:03	
13.557	1257.934	13:07	
13.733	1257.526	13:11	
13.800	1257.330	13:15	
13.857	1259.154	13:19	

3178-3

OFFSHORE LOCATION
26 JUNE 1988
MPPG-883-HP

TEST 1 RUN 2 DATES 1988 12:48:10 TO 14:23:16 W. 512.

DEPTH TIME	DEPTH	TIME	DATE
12:48:10	1254.164	12:48	19- 6-88
12:48:15	1252.837	12:48	
12:48:20	1252.451	12:48	
12:48:25	1252.065	12:48	
12:48:30	1251.679	12:48	
12:48:35	1251.293	12:48	
12:48:40	1250.907	12:48	
12:48:45	1250.521	12:48	
12:48:50	1249.767	12:48	
12:48:55	1249.079	12:48	
12:49:00	1248.767	12:48	
12:49:05	1248.767	12:48	
12:49:10	1248.767	12:48	
12:49:15	1248.903	12:48	
12:49:20	1249.295	12:48	
12:49:25	1251.659	12:48	
12:49:30	1252.431	12:48	

SURFACE TIME 14:10 1875 50
WELL SET ON 22:54' 505. 0-24E

18- 6- 80
11:00 AM
21:2-8

OFFSHORE OIL FIELD
28 JUNE 1980
WAFG-533-AR

TEST 2 RUN 3 GAUGE 8028 SENSING DEPTH 1.83.2 M. RNS.

DELTA TIME	PRESSURE	TIME	DATE	
0.200	1353.431	14:15	18- 6-80	WELL SET ON 18-04 005 CHOK
0.207	1354.538	14:16		SURFACE TIME 14:10 11-6-80
0.213	1355.522	14:23		
0.220	1313.577	14:27		
0.227	1312.555	14:31		
0.233	1323.175	14:35		
0.400	1325.527	14:39		
0.407	1330.230	14:43		
0.503	1333.170	14:47		
0.500	1333.521	14:51		
0.507	1337.461	14:55		
0.703	1339.933	14:59		
0.700	1340.913	15: 3		
0.707	1341.936	15: 7		
0.703	1341.969	15:11		
0.700	1343.164	15:15		
0.707	1343.946	15:19		
0.703	1344.732	15:23		
0.700	1345.508	15:27		
0.707	1346.330	15:31		
0.703	1346.169	15:35		
0.700	1357.923	15:39		
0.707	1359.922	15:43		
0.703	1360.918	15:47		
0.700	1364.530	15:51		
0.707	1362.571	15:55		
0.703	1362.179	15:59		
0.700	1361.199	16: 3		
0.707	1349.651	16: 7		
0.703	1351.591	16:11		
0.700	1360.990	16:15		
0.707	1364.917	16:19		
0.153	1365.509	16:23		
0.200	1366.485	16:27		
0.207	1364.329	16:31		
0.333	1366.289	16:35		
0.400	1367.660	16:39		
0.407	1366.601	16:43		
0.503	1367.464	16:47		
0.500	1368.897	16:51		
0.507	1369.424	16:55		
0.703	1369.444	16:59		
0.700	1369.672	17: 3		
0.707	1370.212	17: 7		
0.703	1370.527	17:11		
0.700	1370.206	17:15		

WORTHY SHELL
WILD CAT
11-2-3

OFFSHORE WORTHY
20 JUNE 1960
HRFG-583-11R

TEST 2 RUN 2 GAGE 0038 SENSING DEPTH 1493.6 M. RKB.

DELTA TIME	PRESSURE	TIME	DATE
0.067	1371.168	17:19	19-6-60
0.133	1372.352	17:23	
0.200	1373.419	17:27	
0.267	1377.067	17:31	
0.333	1372.168	17:35	
0.400	1372.952	17:39	
0.467	1373.148	17:43	
0.533	1379.796	17:47	
0.600	1367.656	17:51	
0.667	1365.909	17:55	
0.733	1378.243	17:59	
0.800	1388.041	18:03	
0.867	1383.142	18:07	
0.933	1379.419	18:11	
1.000	1382.358	18:15	
1.067	1384.122	18:19	
1.133	1384.514	18:23	
1.200	1383.926	18:27	
1.267	1383.908	18:31	
1.333	1387.948	18:35	
1.400	1381.378	18:39	
1.467	1386.798	18:43	
1.533	1382.358	18:47	
1.600	1382.946	18:51	
1.667	1382.946	18:55	
1.733	1386.473	18:59	
1.800	1392.744	19:03	
1.867	1399.413	19:07	
1.933	1387.845	19:11	
2.000	1392.162	19:15	
2.067	1352.756	19:19	
2.133	1394.716	19:23	
2.200	1396.468	19:27	
2.267	1405.286	19:31	
2.333	1401.563	19:35	
2.400	1393.136	19:39	
2.467	1388.237	19:43	
2.533	1388.433	19:47	
2.600	1387.433	19:51	
2.667	1386.473	19:55	
2.733	1386.863	19:59	
2.800	1386.277	20:03	
2.867	1391.373	20:07	
2.933	1391.981	20:11	
3.000	1392.186	20:15	
3.067	1391.177	20:19	
3.133	1389.517	20:23	

WILDEART
 3172-S

OFFSHORE NORWAY
 20 JUNE 1968
 HRPG-585-NR

TEST 2 RUN 2 DRIVE 0039 SENSING DEPTH 1483.6 M RKB.

DELTA TIME	PRESSURE	TIME	DATE
6.100	1369.413	20:37	18-6-68
6.207	1369.327	20:31	
6.330	1369.569	20:30	
6.477	1369.825	20:39	
6.487	1369.548	20:43	
6.513	1469.935	20:47	
6.600	1369.985	20:51	
6.687	1469.387	20:55	
6.733	1469.975	20:59	
6.900	1399.819	21: 3	
6.957	1399.664	21: 7	
6.983	1394.784	21:11	
7.000	1394.116	21:15	
7.057	1394.116	21:19	
7.150	1393.333	21:27	
7.190	1393.632	21:27	
7.207	1393.548	21:31	
7.233	1393.156	21:35	
7.233	1393.928	21:35	
7.280	1394.988	21:43	
7.307	1393.896	21:47	
7.333	1393.292	21:51	
7.357	1394.312	21:55	
7.383	1391.765	21:59	
7.400	1393.548	22: 3	
7.457	1395.896	22: 7	
7.533	1395.876	22:11	
7.600	1395.488	22:15	
7.657	1397.856	22:19	
7.733	1399.815	22:23	
7.800	1399.693	22:27	
7.827	1399.811	22:31	
7.853	1399.487	22:35	
7.880	1399.815	22:39	
7.957	1469.191	22:43	
7.983	1463.523	22:47	
8.000	1464.111	22:51	
8.057	1464.894	22:55	
8.133	1464.699	22:59	
8.200	1465.658	23: 3	
8.257	1417.632	23: 7	
8.333	1411.561	23:11	
8.380	1414.889	23:15	
8.407	1416.978	23:19	
8.433	1409.286	23:23	
8.460	1409.814	23:27	
8.537	1407.638	23:31	

OFFSHORE OIL FIELD SERVICES, INC.
 HYDRO-PNEUMATIC PRESSURE GAUGE REPORT

PAGE 4

WORSNE SHILL
 WILCOAT
 31/2-3

OFFSHORE NORWAY
 23 JUNE 1980
 MRPG-583-4R

TEST 2 RUN 2 GAUGE 0038 SENSING DEPTH 1493.6 M. RKB.

DELTA TIME	PRESSURE	TIME	DATE
8.733	1407.050	23:35	18- 6-80
8.400	1411.753	23:39	
8.467	1424.099	23:43	
8.533	1413.713	23:47	
8.500	1408.422	23:51	
8.667	1405.286	23:55	
8.733	1404.894	23:59	
8.800	1404.307	0: 3	19- 6-80
8.867	1407.034	0: 7	
8.933	1412.929	0:11	
10.000	1414.497	0:15	
10.067	1415.085	0:19	
10.133	1415.281	0:23	
10.200	1413.321	0:27	
10.267	1413.125	0:31	
10.333	1413.909	0:35	
10.400	1426.647	0:39	
10.467	1419.788	0:43	
10.533	1415.869	0:47	
10.500	1413.909	0:51	
10.667	1414.105	0:55	
10.733	1417.632	0:59	
10.800	1417.241	1: 3	
10.867	1416.261	1: 7	
10.933	1414.889	1:11	
11.000	1413.125	1:15	
11.067	1412.929	1:19	
11.133	1412.145	1:23	
11.200	1410.186	1:27	
11.267	1411.949	1:31	
11.333	1416.457	1:35	
11.400	1419.200	1:39	
11.467	1419.396	1:43	
11.533	1420.572	1:47	
11.500	1421.748	1:51	
11.667	1423.708	1:55	
11.733	1427.235	1:59	
11.800	1429.783	2: 3	
11.867	1423.120	2: 7	
11.933	1419.592	2:11	
12.000	1416.261	2:15	
12.067	1413.929	2:19	
12.133	1411.753	2:23	
12.200	1410.362	2:27	
12.267	1409.990	2:31	
12.333	1414.497	2:35	
12.400	1415.477	2:39	

MORSE SHELL
 WILDCAT
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OFFSHORE NORWAY
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TEST 2 RUN 2 GAUGE 0628 SENSING DEPTH 1493.6 M. RKB.

DELTA TIME	PRESSURE	TIME	DATE
12.457	1414.361	2:43	15- 6-80
12.533	1416.612	2:47	
12.609	1420.572	2:51	
12.687	1420.376	2:55	
12.733	1432.330	2:59	
12.800	1434.099	3: 3	
12.867	1420.376	3: 7	
12.933	1418.808	3:11	
13.000	1431.154	3:15	
13.067	1431.350	3:19	
13.133	1431.938	3:23	
13.200	1431.154	3:27	
13.267	1431.350	3:31	
13.333	1430.566	3:35	
13.400	1431.546	3:39	
13.467	1431.546	3:43	
13.533	1426.647	3:47	
13.600	1419.984	3:51	
13.667	1418.612	3:55	
13.733	1433.708	3:59	
13.800	1426.451	4: 3	
13.867	1420.411	4: 7	
13.933	1430.762	4:11	
14.000	1432.330	4:15	
14.067	1432.526	4:19	
14.133	1432.134	4:23	
14.200	1431.938	4:27	
14.267	1433.114	4:31	
14.333	1434.486	4:35	
14.400	1435.466	4:39	
14.467	1442.129	4:43	
14.533	1442.717	4:47	
14.600	1444.480	4:51	
14.667	1440.561	4:55	
14.733	1436.054	4:59	
14.800	1434.094	5: 3	
14.867	1434.878	5: 7	
14.933	1436.054	5:11	
15.000	1437.425	5:15	
15.067	1430.013	5:19	
15.133	1430.993	5:23	
15.200	1440.953	5:27	
15.267	1444.080	5:31	
15.333	1443.852	5:35	
15.400	1446.032	5:39	
15.467	1446.032	5:43	
15.533	1440.000	5:47	

NORSKE SHELL
 WILDCHT
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OFFSHORE NORWAY
 20 JUNE 1980
 MRPG-583-NR

TEST 2 RUN 2 GAUGE 0079 SENSING DEPTH 1483.6 M. RKB.

DELTA TIME	PRESSURE	TIME	DATE
15.600	1448.008	5:51	19- 6-80
15.657	1449.183	5:55	
15.733	1449.967	5:59	
15.800	1450.359	6: 3	
15.857	1450.751	6: 7	
15.933	1449.183	6:11	
16.000	1451.731	6:15	
16.067	1454.475	6:19	
16.133	1454.279	6:23	
16.200	1451.921	6:27	
16.267	1458.982	6:31	
16.333	1454.671	6:35	
16.400	1451.731	6:39	
16.467	1456.630	6:43	
16.533	1458.394	6:47	
16.600	1460.354	6:51	
16.667	1458.982	6:55	
16.733	1459.002	6:59	
16.800	1459.002	7: 3	
16.867	1460.354	7: 7	
16.933	1451.334	7:11	
17.000	1462.509	7:15	
17.067	1452.705	7:19	
17.133	1460.550	7:23	
17.200	1454.469	7:27	
17.267	1456.434	7:31	
17.333	1765.086	7:35	

WELL SHUT IN 07:36 19/6/80

ENERGY-ECON DATA SYSTEMS INC.
 LOGNETIC RECORDING PRESSURE GAUGE REPORT

HORSNE SHELL
 WILDCAT
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OFFSHORE NORWAY
 20 JUNE 1980
 MRPG-553-UR

TEST 2 RUN 2 GAUGE 0038 SENSING DEPTH 1483.6 M. RKB.

DELTA TIME	PRESSURE	TIME	DATE
0.000	1765.886	7:35	19- 6-80 WELL SHUT IN 07:30 19/6/801162
0.067	2091.766	7:39	
0.133	2157.219	7:43	
0.200	2194.062	7:47	
0.267	2213.659	7:51	
0.333	2224.829	7:55	
0.400	2227.884	7:59	
0.467	2235.411	8: 3	
0.533	2238.155	8: 7	
0.600	2240.898	8:11	
0.667	2242.074	8:15	
0.733	2243.642	8:19	
0.800	2246.189	8:23	
0.867	2247.953	8:27	
0.933	2249.325	8:31	
1.000	2250.365	8:35	
1.067	2251.285	8:39	
1.133	2252.501	8:43	
1.200	2252.893	8:47	
1.267	2252.893	8:51	
1.333	2252.305	8:55	
1.400	2252.109	8:59	
1.467	2252.852	9: 3	
1.533	2254.616	9: 7	
1.600	2255.204	9:11	
1.667	2256.360	9:15	
1.733	2256.576	9:19	
1.800	2256.184	9:23	
1.867	2256.772	9:27	
1.933	2256.968	9:31	
2.000	2256.772	9:35	
2.067	2256.772	9:39	
2.133	2257.164	9:43	
2.200	2258.144	9:47	
2.267	2257.948	9:51	
2.333	2258.927	9:55	
2.400	2258.731	9:59	
2.467	2258.144	10: 3	
2.533	2257.752	10: 7	
2.600	2257.948	10:11	
2.667	2257.948	10:15	
2.733	2258.339	10:19	
2.800	2257.948	10:23	
2.867	2257.948	10:27	
2.933	2258.731	10:31	
3.000	2258.731	10:35	

WASKE SHELL
 WILD CAT
 3142-3

OFFSHORE WERIDAY
 20 JUNE 1980
 MRPG-583-11R

TEST 2 RUN 2 GAUGE 6038 SENSING DEPTH 1493.6 M. RKB.

DELTA TIME	PRESSURE	TIME	DATE
3.867	2258.535	10:39	19- 6-80
3.133	2258.339	10:43	
3.260	2258.535	10:47	
3.267	2258.144	10:51	
3.233	2258.144	10:55	
3.400	2258.535	10:59	
3.467	2258.339	11: 3	
3.533	2258.927	11: 7	
3.600	2258.731	11:11	
3.667	2258.927	11:15	
3.733	2258.731	11:19	
3.800	2258.535	11:23	
3.867	2258.535	11:27	
3.933	2258.535	11:31	
4.000	2258.927	11:35	
4.067	2258.731	11:39	
4.133	2258.535	11:43	
4.200	2258.731	11:47	
4.267	2259.123	11:51	
4.333	2259.123	11:55	
4.400	2258.731	11:59	
4.467	2258.731	12: 3	
4.533	2258.535	12: 7	
4.600	2258.927	12:11	
4.667	2259.319	12:15	
4.733	2258.927	12:19	
4.800	2258.731	12:23	
4.867	2259.123	12:27	
4.933	2258.927	12:31	
5.000	2259.123	12:35	
5.067	2258.927	12:39	
5.133	2258.339	12:43	
5.200	2259.123	12:47	
5.267	2259.319	12:51	
5.333	2259.123	12:55	
5.400	2258.927	12:59	
5.467	2259.319	13: 3	
5.533	2259.319	13: 7	
5.600	2259.123	13:11	
5.667	2259.319	13:15	
5.733	2259.319	13:19	
5.800	2258.927	13:23	
5.867	2259.319	13:27	
5.933	2157.785	13:31	

SURFACE TIME 13:30 19/6/80
 WELL OPENED ON 12/64" ADJ. CHO

SPECTRA-SOL INTERNATIONAL INC.
 MAGNETIC RECORDING PRESSURE GAUGE REPORT

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MARENE SHELL
 WILD CAT
 31/2-3

OFFSHORE NORWAY
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 MRPG-583-NR

TEST 2 RUN 2 GALGE 0038 SENSING DEPTH 1483.6 M. RKB.

DELTA TIME	PRESSURE	TIME	DATE
0.000	2197.785	13:31	19- 6-80
0.067	2235.624	13:35	WELL OPENED ON 12/64" ADJ. CHO
0.133	2233.725	13:39	SURFACE TIME 13:30 19/6/80
0.200	2177.992	13:43	
0.267	2164.470	13:47	
0.333	2155.260	13:51	
0.400	2150.752	13:55	
0.467	2147.421	13:59	
0.533	2145.069	14: 3	
0.600	2143.699	14: 7	
0.667	2145.069	14:11	
0.733	2144.286	14:15	
0.800	2141.739	14:19	
0.867	2141.934	14:23	
0.933	2141.934	14:27	
1.000	2142.130	14:31	
1.067	2141.934	14:35	
1.133	2141.934	14:39	
1.200	2142.326	14:43	
1.267	2141.542	14:47	
1.333	2141.934	14:51	
1.400	2141.150	14:55	
1.467	2141.150	14:59	
1.533	2140.954	15: 3	
1.600	2140.562	15: 7	
1.667	2140.562	15:11	
1.733	2140.366	15:15	
1.800	2140.562	15:19	
1.867	2139.974	15:23	
1.933	2139.582	15:27	
2.000	2168.586	15:31	WELL SHUT IN 15:33 19/6/80

SARAFI-817 INTERNATIONAL INC.
MAGNETIC RECORDING PRESSURE GAUGE REPORT

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OFFSHORE SHELL
WILDENT
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OFFSHORE NORWAY
20 JUNE 1980
MRPG-583-HR

TEST 2 RUN 2 GAUGE 6038 SENSING DEPTH 1483.5 M. RKB.

DELTA TIME	PRESSURE	TIME	DATE	
0.000	2158.586	15:31	19- 6-80	WELL SHUT IN
0.057	2214.442	15:35		SURFACE TIME 15:33 19/6/80
0.103	2235.687	15:39		
0.203	2245.993	15:43		
0.257	2251.285	15:47		
0.323	2254.616	15:51		
0.400	2256.772	15:55		SURFACE TIME 16:00 19/6/80
0.457	2213.267	15:59		WELL OPENED ON 12/64" ADJ. CHO

SEAFLEX INTERNATIONAL INC.
 ANALOG RECORDING PRESSURE GAUGE REPORT

MORSE SHELL
 WILCOAT
 0172-3

OFFSHORE NORWAY
 20 JUNE 1980
 MRPG-583-NR

TEST 2 RUN 2 GAUGE 0032 SENSING DEPTH 1483.6 M. RKB.

DELTA TIME	PRESSURE	TIME	DATE
0.000	2213.267	15:59	19- 6-80
0.067	2191.318	16: 3	WELL OPENED ON 12/64" ADJ. CHOKE
0.133	2176.816	16: 7	SURFACE TIME 16:00 19/6/80
0.200	2167.214	16:11	
0.267	2160.551	16:15	
0.333	2156.240	16:19	
0.400	2153.692	16:23	
0.467	2151.732	16:27	
0.533	2149.773	16:31	
0.600	2148.401	16:35	
0.667	2147.225	16:39	
0.733	2145.853	16:43	
0.800	2144.677	16:47	
0.867	2144.286	16:51	
0.933	2143.894	16:55	
1.000	2143.110	16:59	
1.067	2142.718	17: 3	
1.133	2142.326	17: 7	
1.200	2142.130	17:11	
1.267	2141.150	17:15	
1.333	2141.150	17:19	
1.400	2140.954	17:23	
1.467	2141.150	17:27	
1.533	2140.758	17:31	
1.600	2140.562	17:35	
1.667	2140.758	17:39	
1.733	2140.758	17:43	
1.800	2140.562	17:47	
1.867	2140.562	17:51	
1.933	2140.562	17:55	
2.000	2091.178	17:59	WELL SET ON 18/64" ADJ. CHOKE
2.067	2055.708	18: 3	SURFACE TIME 18:00 19/6/80
2.133	2036.699	18: 7	
2.200	2024.157	18:11	
2.267	2016.122	18:15	
2.333	2012.594	18:19	
2.400	2006.911	18:23	
2.467	2001.032	18:27	
2.533	1995.741	18:31	
2.600	1989.274	18:35	
2.667	1984.963	18:39	
2.733	1982.219	18:43	
2.800	1979.888	18:47	
2.867	1978.496	18:51	
2.933	1977.712	18:55	
3.000	1977.516	18:59	

WASKE SHELL
 TLOCAT
 21-2-3

OFFSHORE NORWAY
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 MRPG-583-MR

TEST 2 RUN 2 GAUGE 0038 SENSING DEPTH 1483.6 M. RKB.

DELTA TIME	PRESSURE	TIME	DATE
3.057	1977.320	19: 3	19- 6-80
3.133	1977.124	19: 7	
3.200	1977.320	19:11	
3.267	1977.124	19:15	
3.333	1976.928	19:19	
3.400	1977.712	19:23	
3.467	1977.712	19:27	
3.533	1977.516	19:31	
3.600	1978.104	19:35	
3.667	1977.908	19:39	
3.733	1979.672	19:43	
3.800	1980.053	19:47	
3.867	1981.239	19:51	
3.933	1983.003	19:55	
4.000	1983.787	19:59	
4.067	1984.571	20: 3	
4.133	1981.631	20: 7	
4.200	1978.300	20:11	
4.267	1976.732	20:15	
4.333	1979.672	20:19	
4.400	1983.591	20:23	
4.467	1986.335	20:27	
4.533	1988.098	20:31	
4.600	1989.470	20:35	
4.667	1990.842	20:39	
4.733	1991.626	20:43	
4.800	1991.626	20:47	
4.867	1992.214	20:51	
4.933	1993.193	20:55	
5.000	1993.781	20:59	
5.067	1994.957	21: 3	
5.133	1995.545	21: 7	
5.200	1996.721	21:11	
5.267	1996.721	21:15	
5.333	1997.701	21:19	
5.400	1998.093	21:23	
5.467	1999.660	21:27	
5.533	1999.660	21:31	
5.600	2000.444	21:35	
5.667	2001.816	21:39	
5.733	2002.404	21:43	
5.800	2002.404	21:47	
5.867	2003.972	21:51	
5.933	2004.560	21:55	
6.000	1968.305	21:59	
6.067	1877.376	22: 3	
6.133	1847.197	22: 7	

WELL SET ON 20/64" ADJ. CHOKE
 SURFACE TIME 22:00 19/6/80

SEPRATEL INSTRUMENTAL INC
 HYDROSTATIC RECORDING PRESSURE GAUGE REPORT

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NORSME SHELL
 MILDORF
 3142-3

OFFSHORE NORWAY
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TEST 2 RUN 2 GAUGE 0028 SENSING DEPTH 1483.6 M. RKB.

DELTA TIME	PRESSURE	TIME	DATE
6.200	1829.559	22:11	19- 6-80
6.267	1818.977	22:15	
6.333	1812.706	22:19	
6.400	1807.219	22:23	
6.467	1804.671	22:27	
6.533	1802.908	22:31	
6.600	1802.124	22:35	
6.667	1804.279	22:39	
6.733	1804.083	22:43	
6.800	1800.360	22:47	
6.867	1796.245	22:51	
6.933	1794.481	22:55	
7.000	1793.697	22:59	
7.067	1793.697	23: 3	
7.133	1793.697	23: 7	
7.200	1793.697	23:11	
7.267	1793.893	23:15	
7.333	1794.677	23:19	
7.400	1794.873	23:23	
7.467	1796.441	23:27	
7.533	1799.204	23:31	
7.600	1799.576	23:35	
7.667	1800.164	23:39	
7.733	1800.556	23:43	
7.800	1801.340	23:47	
7.867	1802.320	23:51	
7.933	1802.908	23:55	
8.000	1803.299	23:59	
8.067	1803.691	0: 3	20- 6-80
8.133	1803.299	0: 7	
8.200	1805.063	0:11	
8.267	1807.611	0:15	
8.333	1809.374	0:19	
8.400	1809.962	0:23	
8.467	1809.962	0:27	
8.533	1811.138	0:31	
8.600	1811.334	0:35	
8.667	1812.118	0:39	
8.733	1811.138	0:43	
8.800	1811.334	0:47	
8.867	1810.158	0:51	
8.933	1811.922	0:55	
9.000	1811.922	0:59	
9.067	1812.705	1: 3	
9.133	1812.118	1: 7	
9.200	1811.334	1:11	
9.267	1809.766	1:15	

NORSKE SHELL
WILDCAT
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OFFSHORE NORWAY
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MRPG-583-NR

TEST 2 RUN 2 GAUGE 0031 SENSING DEPTH 1493.6 M. RKB.

DELTA TIME	PRESSURE	TIME	DATE
9.333	1808.591	1:15	20- 6-80
9.400	1811.334	1:23	
9.467	1814.274	1:27	
9.533	1817.017	1:31	
9.600	1822.153	1:35	
9.667	1821.525	1:39	
9.733	1822.896	1:43	
9.800	1824.668	1:47	
9.867	1824.464	1:51	
9.933	1825.652	1:55	
10.000	1819.901	1:59	

WELL SHUT IN 02:00 20/6/80

SHELL OIL INTERNATIONAL INC.
MAGNETIC RECORDING PRESSURE GAUGE REPORT

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ORANGE SHELL
WILCOAT
31. E-3

OFFSHORE NORWAY
20 JUNE 1980
MRPG-583-HR

TEST 2 RUN 2 GAUGE 2038 SENSING DEPTH 1493.6 M. RKB.

DELTA TIME	PRESSURE	TIME	DATE
0.000	1919.981	1:52	20- 6-80 WELL SHUT IN 02:00 20/6/80
0.037	2080.792	2: 3	
0.133	2165.254	2: 7	
0.230	2267.388	2:11	
0.327	2332.278	2:15	
0.533	2242.276	2:19	
0.480	2245.993	2:23	
0.467	2249.913	2:27	
0.533	2253.244	2:31	
0.600	2255.608	2:35	
0.667	2255.792	2:39	
0.733	2256.380	2:43	
0.800	2257.556	2:47	
0.867	2257.752	2:51	
0.933	2257.752	2:55	
1.000	2257.948	2:59	
1.067	2256.772	3: 3	
1.133	2256.380	3: 7	

GAUGES OFF BOTTOM 03:05 20/6/8

SPERRY-SUN INTERNATIONAL INC.
MAGNETIC RECORDING PRESSURE GAUGE REPORT

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NORSE SHELL
WILDCAT
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OFFSHORE NORWAY
20 JUNE 1980
MRPG-583-HR

TEST 2 RUN 2 GAUGE 0038 SENSING DEPTH 1483.6 M. RKB.

DELTA TIME	PRESSURE	TIME	DATE
0.000	2256.380	3:7	20-6-80 GAUGE OFF BOTTOM 03:05 20/6/80
0.057	2199.353	3:11	
0.133	2173.093	3:15	
0.200	2174.073	3:19	STOP AT 1181 M. 03:17 20/6/80
0.267	2175.641	3:23	
0.333	2177.600	3:27	
0.400	2178.580	3:31	
0.467	2179.756	3:35	
0.533	2181.128	3:39	
0.600	2182.891	3:43	
0.667	2184.067	3:47	
0.733	2186.615	3:51	
0.800	2188.575	3:55	
0.867	2192.298	3:59	
0.933	2195.629	4:3	
1.000	2197.197	4:7	
1.067	2197.735	4:11	
1.133	2197.981	4:15	
1.200	2181.716	4:19	
1.267	2152.516	4:23	
1.333	2144.873	4:27	STOP AT 881 M. 04:25 20/6/80
1.400	2145.265	4:31	
1.467	2145.461	4:35	
1.533	2145.461	4:39	
1.600	2145.657	4:43	
1.667	2145.657	4:47	
1.733	2145.265	4:51	
1.800	2145.461	4:55	
1.867	2145.461	4:59	
1.933	2145.265	5:3	
2.000	2145.265	5:7	
2.067	2145.461	5:11	
2.133	2145.265	5:15	
2.200	2145.461	5:19	
2.267	2145.657	5:23	
2.333	2125.277	5:27	
2.400	2087.650	5:31	
2.467	2050.612	5:35	STOP AT 357 M. 05:37 20/6/80
2.533	2048.261	5:39	
2.600	2048.261	5:43	
2.667	2048.653	5:47	
2.733	2049.045	5:51	
2.800	2049.045	5:55	
2.867	2048.457	5:59	
2.933	2048.261	6:3	
3.000	2048.261	6:7	

SPERRY-SUN INTERNATIONAL INC.
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OFFSHORE NORWAY
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TEST 3 RUN 2 GAUGE 0638 SENSING DEPTH 1483.6 M. RKB.

DELTA TIME	PRESSURE	TIME	DATE
3.067	2047.869	6:11	20-6-80
3.133	2048.065	6:15	
3.200	2048.849	6:19	
3.267	2048.065	6:23	
3.333	2048.261	6:27	
3.400	2048.261	6:31	
3.467	2042.774	6:35	
3.533	2004.952	6:39	
3.600	1971.833	6:43	
3.667	1973.401	6:47	
3.733	1972.813	6:51	
3.800	1972.617	6:55	
3.867	1973.597	6:59	
3.933	1974.576	7: 3	
4.000	1973.988	7: 7	
4.067	1974.576	7:11	
4.133	1974.576	7:15	
4.200	1973.205	7:19	
4.267	1973.792	7:23	
4.333	1973.597	7:27	
4.400	1974.576	7:31	
4.467	1974.380	7:35	
4.533	1973.597	7:39	

GAUGE IN LUB. 06:47 20/6/80

END OFF TEST 07:41 20/6/80



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MAGNETIC RECORDING PRESSURE GAUGE REPORT

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OFFSHORE NORWAY
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TEST 2 RUN 2 GAUGE 0030 SENSING DEPTH 1486.5 M. RKB.

DELTA TIME	PRESSURE	TIME	DATE	
0.000	2073.237	22:59	17-6-80	STOP AT 881 M.
0.057	2073.637	23: 3		SURFACE TIME 22:59 17/6/80
0.133	2072.436	23: 7		
0.200	2073.837	23:11		
0.257	2074.638	23:15		
0.333	2073.837	23:19		

SEAFRY-SUN INTERNATIONAL INC.
MAGNETIC RECORDING PRESSURE GAUGE REPORT

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TEST 2 RUN 2 GAUGE 0030 SENSING DEPTH 1486.5 M. RKB.

DELTA TIME	PRESSURE	TIME	DATE	
0.000	2243.649	2:45	18- 6-80	GAUGE RESTARTS RECORDING
0.067	2243.645	2:49		SURFACE TIME 02:45 18/6/80
0.133	2243.649	2:53		
0.200	2243.850	2:57		
0.267	2243.850	3: 1		
0.333	2244.050	3: 5		
0.400	2243.649	3: 9		
0.467	2243.649	3:13		
0.533	2243.850	3:17		
0.600	2245.652	3:21		
0.667	2243.850	3:25		
0.733	2243.850	3:29		
0.800	2244.050	3:33		
0.867	2244.651	3:37		
0.933	2244.651	3:41		
1.000	2100.771	3:45		WELL OPENED ON 12/64" ADJ. CHOK
1.067	2185.577	3:49		SURFACE TIME 03:45 18/6/80
1.133	2162.348	3:53		
1.200	2147.129	3:57		
1.267	2135.514	4: 1		
1.333	2109.081	4: 5		
1.400	2090.458	4: 9		
1.467	2075.840	4:13		
1.533	2061.622	4:17		
1.600	2051.810	4:21		
1.667	2048.406	4:25		
1.733	2044.401	4:29		
1.800	2039.795	4:33		
1.867	2036.991	4:37		
1.933	2035.389	4:41		
2.000	2033.787	4:45		
2.067	2032.586	4:49		
2.133	2031.585	4:53		
2.200	2030.383	4:57		WELL INCREASED TO 18/64" ADJ.
2.267	1996.541	5: 1		SURFACE TIME 05:00 18/6/80
2.333	1966.503	5: 5		
2.400	1936.466	5: 9		
2.467	1900.421	5:13		
2.533	1870.183	5:17		
2.600	1847.955	5:21		
2.667	1831.134	5:25		
2.733	1811.710	5:29		
2.800	1798.293	5:33		
2.867	1786.078	5:37		
2.933	1782.874	5:41		
3.000	1782.674	5:45		

NORWHE SHELL
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OFFSHORE NORWAY
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TEST 2 RUN 2 GAUGE 0030 SENSING DEPTH 1486.5 M. RKB.

DELTA TIME	PRESSURE	TIME	DATE
3.067	1790.071	5:49	18- 6-80
3.133	1776.666	5:53	
3.200	1773.062	5:57	
3.267	1769.457	6: 1	
3.333	1769.257	6: 5	
3.400	1771.260	6: 9	
3.467	1773.663	6:13	
3.533	1693.563	6:17	
3.600	1613.262	6:21	
3.667	1557.192	6:25	
3.733	1515.140	6:29	
3.800	1484.502	6:33	
3.867	1463.876	6:37	
3.933	1452.261	6:41	
4.000	1444.051	6:45	
4.067	1440.647	6:49	
4.133	1441.648	6:53	
4.200	1447.255	6:57	
4.267	1455.055	7: 1	
4.333	1477.693	7: 5	
4.400	1498.319	7: 9	
4.467	1513.938	7:13	
4.533	1514.940	7:17	
4.600	1519.946	7:21	
4.667	1523.751	7:25	
4.733	1524.552	7:29	
4.800	1487.706	7:33	
4.867	1380.972	7:37	
4.933	1308.482	7:41	
5.000	1278.244	7:45	
5.067	1272.637	7:49	
5.133	1274.039	7:53	
5.200	1263.426	7:57	
5.267	1261.023	8: 1	
5.333	1244.803	8: 5	
5.400	1225.979	8: 9	
5.467	1208.958	8:13	
5.533	1196.342	8:17	
5.600	1187.531	8:21	
5.667	1191.336	8:25	
5.733	1189.734	8:29	
5.800	1187.931	8:33	
5.867	1190.735	8:37	
5.933	1193.939	8:41	
6.000	1196.542	8:45	
6.067	1197.744	8:49	
6.133	1191.736	8:53	

WELL INCREASED TO 23/64" ADJ.
 SURFACE TIME 06:15 18/6/80

WELL INCREASED TO 28/64" ADJ.
 SURFACE TIME 07:30 18/6/80

SEPRATEK INTERNATIONAL INC.
MAG. ETIC RECORDING PRESSURE GAUGE REPORT

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TEST 2 RUN 2 GAUGE 0030 SENSING DEPTH 1486.5 M. RKB.

DELTA TIME	PRESSURE	TIME	DATE
6.200	1191.336	8:57	18-6-80
6.267	1197.343	9: 1	
6.333	1205.353	9: 5	
6.400	1210.760	9: 9	
6.467	1213.764	9:13	
6.533	1220.172	9:17	
6.600	1224.377	9:21	
6.667	1230.384	9:25	
6.733	1231.586	9:29	
6.800	1219.571	9:33	
6.867	1208.157	9:37	
6.933	1203.150	9:41	
7.000	1201.348	9:45	
7.067	1204.552	9:49	
7.133	1209.158	9:53	
7.200	1216.567	9:57	
7.267	1223.576	10: 1	
7.333	1227.981	10: 5	
7.400	1233.188	10: 9	
7.467	1237.193	10:13	
7.533	1236.993	10:17	
7.600	1231.786	10:21	
7.667	1230.384	10:25	
7.733	1234.590	10:29	
7.800	1236.792	10:33	
7.867	1265.028	10:37	
7.933	1262.825	10:41	
8.000	1252.212	10:45	
8.067	1247.205	10:49	
8.133	1241.598	10:53	
8.200	1237.794	10:57	
8.267	1233.789	11: 1	
8.333	1232.587	11: 5	
8.400	1232.187	11: 9	
8.467	1238.995	11:13	
8.533	1252.812	11:17	
8.600	1244.402	11:21	
8.667	1241.398	11:25	
8.733	1237.193	11:29	
8.800	1236.192	11:33	
8.867	1232.787	11:37	
8.933	1231.386	11:41	
9.000	1230.785	11:45	
9.067	1232.585	11:49	
9.133	1231.586	11:53	
9.200	1232.187	11:57	
9.267	1235.791	12: 1	

SEAFRONT INTERNATIONAL, INC.
 HYDRAULIC RECORDING PRESSURE GUN REPORT

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NORSKE SHELL
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OFFSHORE NORWAY
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TEST 2 RUN 2 GAUGE 0030 SENSING DEPTH 1486.5 M. RKB.

DELTA TIME	PRESSURE	TIME	DATE
9.333	1236.192	12: 5	18- 6-80
9.400	1236.592	12: 9	
9.467	1239.996	12:13	
9.533	1242.800	12:17	
9.600	1247.005	12:21	
9.667	1248.807	12:25	
9.733	1248.607	12:29	
9.800	1247.806	12:33	
9.867	1247.205	12:37	
9.933	1250.610	12:41	
10.000	1255.015	12:45	
10.067	1259.220	12:49	
10.133	1259.621	12:53	
10.200	1257.418	12:57	
10.267	1260.022	13: 1	
10.333	1256.817	13: 5	
10.400	1264.414	13: 9	
10.467	1254.815	13:13	
10.533	1253.213	13:17	
10.600	1251.811	13:21	
10.667	1250.009	13:25	
10.733	1250.009	13:29	
10.800	1249.909	13:33	
10.867	1249.408	13:37	
10.933	1249.008	13:41	
11.000	1247.205	13:45	
11.067	1248.006	13:49	
11.133	1246.805	13:53	
11.200	1246.404	13:57	
11.267	1246.805	14: 1	
11.333	1247.205	14: 5	
11.400	1249.008	14: 9	
11.467	1249.809	14:13	

SURFACE TIME 14:15 18/6/80
 CHANGE TO 28/64" POS. CHOKE

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TEST 2 RUN 2 GAUGE 0030 SENSING DEPTH 1486.5 M. RKB.

DELTA TIME	PRESSURE	TIME	DATE
0.000	1249.809	14:13	18- 6-80
0.067	1285.253	14:17	WELL SET ON 28/64" POS. CHOKE
0.133	1304.877	14:21	SURFACE TIME 14:15 18/6/80
0.200	1312.086	14:25	
0.267	1317.693	14:29	
0.333	1321.698	14:33	
0.400	1324.101	14:37	
0.467	1328.907	14:41	
0.533	1331.711	14:45	
0.600	1334.314	14:49	
0.667	1334.314	14:53	
0.733	1337.518	14:57	
0.800	1339.320	15: 1	
0.867	1339.921	15: 5	
0.933	1340.522	15: 9	
1.000	1341.323	15:13	
1.067	1342.124	15:17	
1.133	1343.125	15:21	
1.200	1343.926	15:25	
1.267	1344.928	15:29	
1.333	1345.328	15:33	
1.400	1347.130	15:37	
1.467	1350.945	15:41	
1.533	1357.143	15:45	
1.600	1354.139	15:49	
1.667	1351.936	15:53	
1.733	1351.135	15:57	
1.800	1350.134	16: 1	
1.867	1348.532	16: 5	
1.933	1347.931	16: 9	
2.000	1354.539	16:13	
2.067	1364.151	16:17	
2.133	1365.353	16:21	
2.200	1366.354	16:25	
2.267	1364.752	16:29	
2.333	1365.153	16:33	
2.400	1367.556	16:37	
2.467	1366.755	16:41	
2.533	1366.755	16:45	
2.600	1367.756	16:49	
2.667	1369.358	16:53	
2.733	1368.757	16:57	
2.800	1368.757	17: 1	
2.867	1369.558	17: 5	
2.933	1369.758	17: 9	
3.000	1370.359	17:13	

SPERRY-SOLA INTERNATIONAL INC.
 MAGNETIC RECORDING PRESSURE GAUGE REPORT

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TEST 2 RUN 2 GAUGE 0030 SENSING DEPTH 1486.5 M. RKB.

DELTA TIME	PRESSURE	TIME	DATE
3.067	1370.960	17:17	18- 6-80
3.133	1370.760	17:21	
3.200	1378.770	17:25	
3.267	1275.240	17:29	
3.333	1373.163	17:33	
3.400	1372.762	17:37	
3.467	1372.762	17:41	
3.533	1371.160	17:45	
3.600	1367.756	17:49	
3.667	1364.952	17:53	
3.733	1370.760	17:57	
3.800	1389.383	18: 1	
3.867	974.065	18: 5	
3.933	1380.372	18: 9	
4.000	1382.174	18:13	
4.067	1384.577	18:17	
4.133	1365.378	18:21	
4.200	1384.577	18:25	
4.267	1389.783	18:29	
4.333	1388.782	18:33	
4.400	1382.574	18:37	
4.467	1381.573	18:41	
4.533	1382.975	18:45	
4.600	1383.375	18:49	
4.667	1381.974	18:53	
4.733	1382.975	18:57	
4.800	1385.178	19: 1	
4.867	1393.983	19: 5	
4.933	1390.184	19: 9	
5.000	1388.982	19:13	
5.067	1383.375	19:17	
5.133	1384.377	19:21	
5.200	1396.592	19:25	
5.267	1402.399	19:29	
5.333	1404.001	19:33	
5.400	1394.389	19:37	
5.467	1389.183	19:41	
5.533	1388.782	19:45	
5.600	1387.781	19:49	
5.667	1386.780	19:53	
5.733	1387.180	19:57	
5.800	1386.780	20: 1	
5.867	1389.183	20: 5	
5.933	1390.384	20: 9	
6.000	1392.587	20:13	
6.067	1390.985	20:17	
6.133	1389.984	20:21	

SPERRY-GEOL. INTERNATIONAL INC.
 MAGNETIC RECORDING PRESSURE GAUGE REPORT

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TEST 2 RUN 2 GAUGE 0030 SENSING DEPTH 1486.5 M. RKB.

DELTA TIME	PRESSURE	TIME	DATE
6.200	1389.984	20:25	10- 6-80
6.267	1389.984	20:29	
6.333	1389.984	20:33	
6.400	1388.982	20:37	
6.467	1391.786	20:41	
6.533	1404.402	20:45	
6.600	1400.797	20:49	
6.667	1400.997	20:53	
6.733	1400.196	20:57	
6.800	1400.997	21: 1	
6.867	1397.393	21: 5	
6.933	1395.190	21: 9	
7.000	1394.589	21:13	
7.067	1394.389	21:17	
7.133	1393.588	21:21	
7.200	1393.788	21:25	
7.267	1392.587	21:29	
7.333	1390.785	21:33	
7.400	1393.989	21:37	
7.467	1395.390	21:41	
7.533	1394.790	21:45	
7.600	1395.190	21:49	
7.667	1393.989	21:53	
7.733	1391.586	21:57	
7.800	1392.787	22: 1	
7.867	1394.790	22: 5	
7.933	1395.791	22: 9	
8.000	1396.392	22:13	
8.067	1396.993	22:17	
8.133	1418.019	22:21	
8.200	1400.196	22:25	
8.267	1399.596	22:29	
8.333	1399.996	22:33	
8.400	1399.796	22:37	
8.467	1399.996	22:41	
8.533	1402.599	22:45	
8.600	1404.001	22:49	
8.667	1405.002	22:53	
8.733	1405.203	22:57	
8.800	1406.204	23: 1	
8.867	1418.219	23: 5	
8.933	1412.412	23: 9	
9.000	1416.216	23:13	
9.067	1412.011	23:17	
9.133	1409.808	23:21	
9.200	1409.607	23:25	
9.267	1407.606	23:29	

HYDRA-LOG SYSTEM LOG SHEET
 HYDRA-LOG RECORDING INSTRUMENT DATA REPORT

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NORWEGIAN SHELL
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TEST 2 RUN 2 GAUGE 3030 SENSING DEPTH 1486.5 M. RKB.

DELTA TIME	PRESSURE	TIME	DATE
9.333	1407.606	23:33	18- 6-80
9.400	1409.607	23:37	
9.467	1411.410	23:41	
9.533	1415.215	23:45	
9.600	1408.407	23:49	
9.667	1405.603	23:53	
9.733	1405.602	23:57	
9.800	1405.602	0: 1	19- 6-80
9.867	1407.605	0: 5	
9.933	1413.612	0: 9	
10.000	1414.614	0:13	
10.067	1415.215	0:17	
10.133	1415.015	0:21	
10.200	1413.813	0:25	
10.267	1412.812	0:29	
10.333	1414.214	0:33	
10.400	1427.430	0:37	
10.467	1420.822	0:41	
10.533	1415.616	0:45	
10.600	1413.213	0:49	
10.667	1413.213	0:53	
10.733	1417.017	0:57	
10.800	1417.017	1: 1	
10.867	1416.417	1: 5	
10.933	1415.015	1: 9	
11.000	1413.413	1:13	
11.067	1412.412	1:17	
11.133	1411.611	1:21	
11.200	1410.009	1:25	
11.267	1411.010	1:29	
11.333	1415.416	1:33	
11.400	1418.419	1:37	
11.467	1419.621	1:41	
11.533	1419.821	1:45	
11.600	1420.622	1:49	
11.667	1420.422	1:53	
11.733	1426.630	1:57	
11.800	1430.034	2: 1	
11.867	1424.427	2: 5	
11.933	1418.419	2: 9	
12.000	1416.617	2:13	
12.067	1412.412	2:17	
12.133	1411.611	2:21	
12.200	1410.810	2:25	
12.267	1409.606	2:29	
12.333	1413.012	2:33	
12.400	1414.614	2:37	

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TEST 2 RUN 2 GAUGE 8930 SENSING DEPTH 1486.5 M. RKB.

DELTA TIME	PRESSURE	TIME	DATE
12.467	1414.414	2:41	19-6-80
12.533	1418.820	2:45	
12.600	1420.422	2:49	
12.667	1421.022	2:53	
12.733	1433.638	2:57	
12.800	1425.228	3: 1	
12.867	1420.622	3: 5	
12.933	1418.820	3: 9	
13.000	1429.032	3:13	
13.067	1426.029	3:17	
13.133	1431.435	3:21	
13.200	1431.636	3:25	
13.267	1431.836	3:29	
13.333	1431.435	3:33	
13.400	1431.636	3:37	
13.467	1431.435	3:41	
13.533	1431.636	3:45	
13.600	1428.231	3:49	
13.667	1421.623	3:53	
13.733	1418.820	3:57	
13.800	1422.825	4: 1	
13.867	1429.032	4: 5	
13.933	1431.035	4: 9	
14.000	1432.637	4:13	
14.067	1432.837	4:17	
14.133	1432.637	4:21	
14.200	1432.837	4:25	
14.267	1434.439	4:29	
14.333	1435.440	4:33	
14.400	1436.642	4:37	
14.467	1442.850	4:41	
14.533	1444.452	4:45	
14.600	1445.653	4:49	
14.667	1442.249	4:53	
14.733	1437.443	4:57	
14.800	1435.040	5: 1	
14.867	1435.040	5: 5	
14.933	1436.442	5: 9	
15.000	1437.843	5:13	
15.067	1439.045	5:17	
15.133	1439.245	5:21	
15.200	1441.047	5:25	
15.267	1444.652	5:29	
15.333	1446.855	5:33	
15.400	1448.056	5:37	
15.467	1448.857	5:41	
15.533	1449.057	5:45	

OFFSHORE SHELL
WILDCAT
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OFFSHORE NORWAY
20 JUNE 1980
MRPG-583-NR

TEST 2 RUN 2 GAUGE 6630 SENSING DEPTH 1486.5 M. RKB.

DELTA TIME	PRESSURE	TIME	DATE
15.600	1449.458	5:49	19- 6-80
15.867	1450.860	5:53	
15.733	1451.260	5:57	
15.800	1451.661	6: 1	
15.867	1452.061	6: 5	
15.933	1450.259	6: 9	
16.000	1452.261	6:13	
16.067	1455.666	6:17	
16.133	1455.465	6:21	
16.200	1460.271	6:25	
16.267	1460.271	6:29	
16.333	1465.266	6:33	
16.400	1457.463	6:37	
16.467	1456.066	6:41	
16.533	1459.270	6:45	
16.600	1461.072	6:49	
16.667	1460.672	6:53	
16.733	1459.270	6:57	
16.800	1459.270	7: 1	
16.867	1461.473	7: 5	
16.933	1462.074	7: 9	
17.000	1462.574	7:13	
17.067	1467.475	7:17	
17.133	1462.074	7:21	
17.200	1467.080	7:25	
17.267	1459.669	7:29	

WELL SHUT IN 07:30 19/6/80

PREPARED BY INTERNATIONAL
 HYDRA-METRIC RECORDING PRESSURE GAUGE REPORT

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WABNE SHELL
 WILD CAT
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OFFSHORE NORWAY
 20 JUNE 1980
 MRPG-583-11R

TEST 2 RUN 2 GAUGE 0030 SENSING DEPTH 1486.5 M. RKB.

DELTA TIME	PRESSURE	TIME	DATE	
0.000	1458.569	7:29	19- 6-80	WELL SHUT IN
0.067	1734.013	7:33		SURFACE TIME 07:30 19/6/80
0.133	1956.296	7:37		
0.200	2086.854	7:41		
0.267	2155.940	7:45		
0.333	2195.790	7:49		
0.400	2216.816	7:53		
0.467	2228.831	7:57		
0.533	2236.240	8: 1		
0.600	2240.445	8: 5		
0.667	2243.249	8: 9		
0.733	2245.452	8:13		
0.800	2247.254	8:17		
0.867	2249.056	8:21		
0.933	2250.658	8:25		
1.000	2253.261	8:29		
1.067	2254.863	8:33		
1.133	2255.464	8:37		
1.200	2255.664	8:41		
1.267	2255.965	8:45		
1.333	2256.065	8:49		
1.400	2255.865	8:53		
1.467	2255.464	8:57		
1.533	2255.464	9: 1		
1.600	2257.266	9: 5		
1.667	2259.269	9: 9		
1.733	2260.270	9:13		
1.800	2261.071	9:17		
1.867	2261.872	9:21		
1.933	2261.672	9:25		
2.000	2262.072	9:29		
2.067	2262.072	9:33		
2.133	2262.072	9:37		
2.200	2262.273	9:41		
2.267	2262.273	9:45		
2.333	2263.674	9:49		
2.400	2264.075	9:53		
2.467	2263.674	9:57		
2.533	2263.274	10: 1		
2.600	2262.873	10: 5		
2.667	2262.873	10: 9		
2.733	2262.873	10:13		
2.800	2262.873	10:17		
2.867	2263.074	10:21		
2.933	2262.873	10:25		
3.000	2262.873	10:29		

MORSHE SHELL
WILDCAT
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OFFSHORE NORWAY
20 JUNE 1980
MRPG-563-NR

TEST 2 RUN 2 GAUGE 0033 SENSING DEPTH 1486.5 M. RKB.

DELTA TIME	PRESSURE	TIME	DATE
3.067	2263.274	10:33	19- 6-80
3.133	2263.074	10:37	
3.200	2263.274	10:41	
3.267	2263.274	10:45	
3.333	2263.274	10:49	
3.400	2263.274	10:53	
3.467	2263.474	10:57	
3.533	2263.274	11: 1	
3.600	2263.474	11: 5	
3.667	2263.474	11: 9	
3.733	2263.474	11:13	
3.800	2263.274	11:17	
3.867	2263.674	11:21	
3.933	2263.474	11:25	
4.000	2263.474	11:29	
4.067	2263.674	11:33	
4.133	2263.674	11:37	
4.200	2263.674	11:41	
4.267	2263.474	11:45	
4.333	2263.474	11:49	
4.400	2263.674	11:53	
4.467	2263.875	11:57	
4.533	2263.875	12: 1	
4.600	2263.875	12: 5	
4.667	2263.875	12: 9	
4.733	2263.674	12:13	
4.800	2263.875	12:17	
4.867	2264.075	12:21	
4.933	2263.875	12:25	
5.000	2264.075	12:29	
5.067	2264.075	12:33	
5.133	2263.875	12:37	
5.200	2264.275	12:41	
5.267	2263.875	12:45	
5.333	2263.875	12:49	
5.400	2264.275	12:53	
5.467	2264.275	12:57	
5.533	2264.275	13: 1	
5.600	2264.275	13: 5	
5.667	2264.275	13: 9	
5.733	2264.275	13:13	
5.800	2264.475	13:17	
5.867	2264.275	13:21	
5.933	2264.475	13:25	
6.000	2264.676	13:29	

SURFACE TIME 13:30 19/6/80
WELL OPENED ON 12/64" ADJ. CHO

SPERRY-SUN INTERNATIONAL INC.
MAGNETIC RECORDING PRESSURE GAUGE REPORT

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KOPSKE SHELL
WILDCAT
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OFFSHORE NORWAY
20 JUNE 1980
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TEST 2 RUN 2 GAUGE 0030 SENSING DEPTH 1486.5 M. RKB.

DELTA TIME	PRESSURE	TIME	DATE
0.000	2264.676	13:29	19- 6-80
0.067	2200.195	13:33	WELL OPENED ON 12/84' ADJ CHOK
0.133	2210.200	13:37	SURFACE TIME 13:30
0.200	2206.603	13:41	
0.267	2184.576	13:45	
0.333	2170.158	13:49	
0.400	2159.945	13:53	
0.467	2154.338	13:57	
0.533	2151.134	14: 1	
0.600	2148.931	14: 5	
0.667	2147.529	14: 9	
0.733	2148.330	14:13	
0.800	2147.529	14:17	
0.867	2145.527	14:21	
0.933	2145.126	14:25	
1.000	2145.727	14:29	
1.067	2145.727	14:33	
1.133	2145.727	14:37	
1.200	2145.727	14:41	
1.267	2145.727	14:45	
1.333	2145.126	14:49	
1.400	2145.327	14:53	
1.467	2144.926	14:57	
1.533	2144.726	15: 1	
1.600	2144.325	15: 5	
1.667	2144.526	15: 9	
1.733	2144.325	15:13	
1.800	2144.325	15:17	
1.867	2144.325	15:21	
1.933	2143.725	15:25	
2.000	2143.324	15:29	
2.067	2165.352	15:33	WELL SHUT IN 15:33 19/6/80

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MAGNETIC RECORDING PRESSURE GAUGE REPORT

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WORME HELL
WILDCAT
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OFFSHORE NORWAY
20 JUNE 1980
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TEST 2 RUN 2 GAUGE 6030 SENSING DEPTH 1486.5 M. RKB.

DELTA TIME	PRESSURE	TIME	DATE	
0.000	2165.352	15:33	19- 6-80	WELL SHUT IN
0.057	2215.614	15:37		SURFACE TIME 15:33 19/6/80
0.133	2232.044	15:41		
0.200	2250.258	15:45		
0.257	2256.465	15:49		
0.333	2250.070	15:53		
0.400	2262.273	15:57		SURFACE TIME 16:00 19/6/80
0.457	2220.020	16: 1		WELL OPENED ON 12/64" ADJ. CHO

BEARY-BILL INTERNATIONAL INC.
MAGNETIC RECORDING PRESSURE GAUGE REPORT

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MORBINE SHELL
WILDHAT
3173-3

OFFSHORE NORWAY
28 JUNE 1980
MRPG-583-NR

TEST 2 RUN 2 GAUGE 0033 SENSING DEPTH 1486.5 M. RKB.

DELTA TIME	PRESSURE	TIME	DATE
0.000	2220.020	16: 1	19- 6-80 WELL OPENED ON 18/64" ADJ. CHO SURFACE TIME 16:00 19/6/80
0.067	2198.393	16: 5	
0.133	2182.173	16: 9	
0.200	2172.160	16:13	
0.267	2165.151	16:17	
0.333	2150.546	16:21	
0.400	2157.542	16:25	
0.467	2155.339	16:29	
0.533	2153.337	16:33	
0.600	2152.335	16:37	
0.667	2151.334	16:41	
0.733	2149.732	16:45	
0.800	2148.931	16:49	
0.867	2147.930	16:53	
0.933	2147.329	16:57	
1.000	2146.728	17: 1	
1.067	2146.728	17: 5	
1.133	2146.128	17: 9	
1.200	2145.527	17:13	
1.267	2145.327	17:17	
1.333	2144.926	17:21	
1.400	2144.726	17:25	
1.467	2144.726	17:29	
1.533	2144.526	17:33	
1.600	2144.325	17:37	
1.667	2144.325	17:41	
1.733	2144.125	17:45	
1.800	2144.325	17:49	
1.867	2144.125	17:53	
1.933	2144.125	17:57	WELL SET ON 18/64" ADJ. CHOKE SURFACE TIME 18:00 19/6/80
2.000	2164.876	18: 1	
2.067	2053.024	18: 5	
2.133	2041.998	18: 9	
2.200	2028.581	18:13	
2.267	2019.770	18:17	
2.333	2016.165	18:21	
2.400	2010.959	18:25	
2.467	2004.951	18:29	
2.533	2000.145	18:33	
2.600	1993.737	18:37	
2.667	1988.931	18:41	
2.733	1985.928	18:45	
2.800	1983.525	18:49	
2.867	1983.323	18:53	
2.933	1981.722	18:57	
3.000	1981.322	19: 1	

BRIDGEWELL INTERNATIONAL INC.
 MAGNETIC RESISTIVE PRESSURE GAUGE REPORT

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NOBLE SHELL
 HILCOAT
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OFFSHORE NORWAY
 20 JUNE 1980
 MRPG-583-11R

TEST 2 RUN 2 GAUGE 0020 SENSING DEPTH 1486.5 M. RKB.

DELTA TIME	PRESSURE	TIME	DATE
3.067	1980.521	19: 5	19- 6-80
3.133	1980.521	19: 9	
3.200	1980.521	19:13	
3.267	1980.521	19:17	
3.333	1980.521	19:21	
3.400	1980.721	19:25	
3.467	1980.721	19:29	
3.533	1981.122	19:33	
3.600	1981.122	19:37	
3.667	1981.322	19:41	
3.733	1983.124	19:45	
3.800	1983.725	19:49	
3.867	1984.526	19:53	
3.933	1985.928	19:57	
4.000	1987.530	20: 1	
4.067	1988.531	20: 5	
4.133	1986.128	20: 9	
4.200	1982.123	20:13	
4.267	1979.520	20:17	
4.333	1982.523	20:21	
4.400	1986.729	20:25	
4.467	1990.333	20:29	
4.533	1992.536	20:33	
4.600	1994.133	20:37	
4.667	1995.139	20:41	
4.733	1995.740	20:45	
4.800	1996.741	20:49	
4.867	1997.342	20:53	
4.933	1997.943	20:57	
5.000	1998.744	21: 1	
5.067	1999.745	21: 5	
5.133	2000.546	21: 9	
5.200	2001.347	21:13	
5.267	2001.948	21:17	
5.333	2002.548	21:21	
5.400	2003.149	21:25	
5.467	2004.150	21:29	
5.533	2004.751	21:33	
5.600	2005.552	21:37	
5.667	2006.553	21:41	
5.733	2007.154	21:45	
5.800	2007.955	21:49	
5.867	2008.756	21:53	
5.933	2009.757	21:57	
6.000	1889.532	22: 1	
6.067	1884.801	22: 5	
6.133	1852.361	22: 9	

WELL SET ON 20/64" ADJ. CHOKE
 SURFACE TIME 22:00 19/6/80

OFFSHORE REPORTING PRESURE GAUGE REPORT

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WILCOAT
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OFFSHORE WOP. 121
20 JUNE 1980
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TEST 2 RUN 2 GAUGE 0236 SENSING DEPTH 1486.5 M. RKB.

DELTA TIME	PRESSURE	TIME	DATE
5.200	1837.337	22:13	19- 6-80
5.267	1822.323	22:17	
5.333	1815.715	22:21	
5.400	1810.308	22:25	
5.467	1806.904	22:29	
5.533	1805.102	22:33	
5.600	1803.700	22:37	
5.667	1805.703	22:41	
5.733	1807.305	22:45	
5.800	1802.499	22:49	
5.867	1798.894	22:53	
5.933	1797.092	22:57	
7.000	1795.091	23: 1	
7.067	1795.690	23: 5	
7.133	1795.090	23: 9	
7.200	1796.091	23:13	
7.267	1795.890	23:17	
7.333	1796.491	23:21	
7.400	1797.693	23:25	
7.467	1798.894	23:29	
7.533	1800.296	23:33	
7.600	1801.898	23:37	
7.667	1802.499	23:41	
7.733	1803.300	23:45	
7.800	1803.900	23:49	
7.867	1804.501	23:53	
7.933	1805.102	23:57	
8.000	1805.502	0: 1	20- 6-80
8.067	1806.303	0: 5	
8.133	1806.303	0: 9	
8.200	1807.305	0:13	
8.267	1810.308	0:17	
8.333	1812.511	0:21	
8.400	1813.112	0:25	
8.467	1813.112	0:29	
8.533	1813.713	0:33	
8.600	1813.913	0:37	
8.667	1815.315	0:41	
8.733	1814.313	0:45	
8.800	1814.313	0:49	
8.867	1814.313	0:53	
8.933	1815.515	0:57	
9.000	1815.315	1: 1	
9.067	1815.915	1: 5	
9.133	1815.315	1: 9	
9.200	1815.315	1:13	
9.267	1813.512	1:17	

NORSE SHELL
WILDCAT
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OFFSHORE NORWAY
20 JUNE 1980
MRPG-583-NR

TEST 2 RUN 2 GAUGE 0033 SENSING DEPTH 1486.5 M. RKB.

DELTA TIME	PRESSURE	TIME	DATE
9.333	1811.510	1:21	20-6-80
9.400	1813.913	1:25	
9.467	1817.517	1:29	
9.533	1820.321	1:33	
9.600	1823.124	1:37	
9.667	1824.927	1:41	
9.733	1825.928	1:45	
9.800	1826.328	1:49	
9.867	1828.131	1:53	
9.933	1828.531	1:57	
10.000	1827.217	2: 1	

WELL SHUT IN 02:00 20/6/80

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HYDRAULIC LOGGING UNIT
MAGNETIC RECORDING PRESSURE GAUGE REPORT

WOBBLE SHELL
WILDORT
SIDE-5

OFFSHORE NORWAY
20 JUNE 1980
MRPG-583-NR

TEST 2 RUN 2 GAUGE 0035 BEARING DEPTH 1426.5 M. RMB.

DELTA TIME	PRESSURE	TIME	DATE	
0.000	1897.217	2: 1	20- 6-80	WELL SHUT IN
0.067	2070.633	2: 5		SURFACE TIME 02:00 20/6/80
0.133	2163.149	2: 9		
0.200	2237.604	2:13		
0.267	2235.039	2:17		
0.333	2246.653	2:21		
0.400	2251.459	2:25		
0.467	2255.464	2:29		
0.533	2258.668	2:33		
0.600	2260.270	2:37		
0.667	2261.072	2:41		
0.733	2262.473	2:45		
0.800	2263.074	2:49		
0.867	2262.873	2:53		
0.933	2262.273	2:57		
1.000	2262.072	3: 1		
1.067	2261.071	3: 5		GAUGES OFF BOTTOM 03:05 20/6/8

WILCOX OIL FIELD SERVICE INC.
 HYDROSTATIC PRESSURE GAUGE REPORT

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LORENE SHELL
 WILDONT
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OFFSHORE NORWAY
 20 JUNE 1980
 MRPG-583-NR

TEST 2 RUN 2 GAUGE 0030 SENSING DEPTH 1456.5 M. RKB.

DELTA TIME	PRESSURE	TIME	DATE
0.000	2251.071	3: 5	20- 6-80
0.057	2206.803	3: 9	GAUGES OFF BOTTOM
0.133	2204.400	3:13	SURFACE TIME 03:05 20/6/80
0.267	2181.171	3:17	STOP AT 1191 M.
0.267	2178.969	3:21	SURFACE TIME 03:17 20/6/80
0.333	2190.771	3:25	
0.400	2182.373	3:29	
0.467	2182.974	3:33	
0.533	2184.375	3:37	
0.600	2185.176	3:41	
0.667	2185.778	3:45	
0.733	2188.981	3:49	
0.800	2190.783	3:53	
0.867	2192.385	3:57	
0.933	2195.190	4: 1	
1.000	2199.394	4: 5	
1.067	2200.596	4: 9	
1.133	2201.997	4:13	
1.200	2202.198	4:17	
1.267	2198.984	4:21	
1.333	2155.544	4:25	STOP AT 881 M.
1.400	2143.531	4:29	SURFACE TIME 04:25 20/6/80
1.467	2143.531	4:33	
1.533	2143.531	4:37	
1.600	2143.531	4:41	
1.667	2143.330	4:45	
1.733	2148.531	4:49	
1.800	2147.730	4:53	
1.867	2148.130	4:57	
1.933	2148.531	5: 1	
2.000	2148.531	5: 5	
2.067	2148.330	5: 9	
2.133	2148.130	5:13	
2.200	2149.330	5:17	
2.267	2148.531	5:21	
2.333	2148.330	5:25	
2.400	2171.710	5:29	
2.467	2095.666	5:33	
2.533	2057.016	5:37	STOP AT 357 M.
2.600	2051.810	5:41	SURFACE TIME 05:37 20/6/80
2.667	2051.209	5:45	
2.733	2050.809	5:49	
2.800	2050.608	5:53	
2.867	2050.809	5:57	
2.933	2050.809	6: 1	
3.000	2050.208	6: 5	

PERBY-OIL FIELD, OFFSHORE, INC.
HYDRA-MECHANICAL RECORDING PRESSURE GAUGE REPORT

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OFFSHORE SHELL
WILD CAT
2172-3

OFFSHORE MONDAY
20 JUNE 1980
MRPG-583-HR

TEST 2 RUN 2 GAUGE 0030 SENSING DEPTH 1485.5 M. RKB.

DELTA TIME	PRESSURE	TIME	DATE
3.057	2050.000	6: 5	20- 6-80
3.133	2053.400	6:13	
3.200	2050.000	6:17	
3.257	2050.400	6:21	
3.333	2050.200	6:25	
3.400	2050.400	6:29	
3.457	2049.600	6:33	
3.533	2047.800	6:37	
3.600	2008.956	6:41	
3.657	1976.316	6:45	
3.733	1974.714	6:49	
3.800	1972.311	6:53	
3.857	1972.511	6:57	
3.933	1974.113	7: 1	
4.000	1973.312	7: 5	
4.057	1974.113	7: 9	
4.133	1973.913	7:13	
4.200	1975.915	7:17	
4.257	1975.915	7:21	
4.333	1972.911	7:25	
4.400	1971.710	7:29	
4.457	1973.312	7:33	
4.533	1970.308	7:37	
4.600	1971.710	7:41	
4.657	1974.313	7:45	

GAUGES IN LUB. 6:47 20/6/80

END OFF TEST 07:42 20/6/80