

Denne rapport
tilhører

 STATOIL

L&U DOK. SENTER

L. NR. 30284110024

KODE well 31/2-2 nr 40

Returneres etter bruk

sperry

donal, inc.

PRESSURE SURVEY REPORT

for

NORSKE SHELL A/S

WELL NO. 31/2-2

DATE: 13 JULY 1980

TEST NO. 4, RUN NO.5



(A Sperry-Sun Company)

Precision Instruments / Professional Service



PRESSURE TEST DATA SUMMARY CONTINUATION SHEET

 COMPANY: A/S NORSKE SHELL

 JOB NO: MRPG-599-NOR

EVENT	SURFACE TIMES & DATES			TEMP.	°F
GRADIENT STOPS	1300 M	15:07 - 15:17	13/7/80	140	
"	1250 "	15:18 - 15:27	"	137	
"	1200 "	15:28 - 15:38	"	133	
"	1150 "	15:38 - 15:48	"	130	
"	1100 "	15:48 - 15:58	"	125	
"	1050 "	15:59 - 16:09	"	121	
"	1000 "	16:09 - 16:19	"	117	
"	950 "	16:19 - 16:29	"	113	
"	900 "	16:29 - 16:39	"	111	
"	850 "	16:39 - 16:49	"		GAUGE RUN OUT.
"	800 "	16:49 - 16:59	"		OF TAPE AT THIS
"	750 "	16:59 - 17:09	"		TIME
"	700 "	17:09 - 17:19	"		
"	650 "	17:19 - 17:29	"		
"	600 "	17:29 - 17:39	"		
"	550 "	17:39 - 17:49	"		
"	500 "	17:49 - 17:59	"		
"	400 "	18:00 - 18:09	"		
"	300 "	18:10 - 18:20	"		
"	200 "	18:20 - 18:30	"		
"	100 "	18:30 - 18:40	"		
GAUGE IN LUBRICATOR		18:41 - 18:51	"		
GAUGE OFF STRING		18:53	"		

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

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

GRADIENT STOP SURVEY DATA

COMPANY: NORSKE SHELL DATE: 13 JULY 1980
 FIELD: WILDCAT WELL WELL NO: 31/2 - 2 JOB NO: MRPG-599-NOR
 GAUGE TYPE/NO: MRPG / 0064 TEST NO: 4 RUN NO: 5
 INITIAL LUB. PRESSURE: 92.672 FINAL LUB. PRESSURE: _____

MEASURED DEPTH	VERTICAL DEPTH	PRESSURE (P.S.I.G.)	GRADIENT/FT. (P.S.I.G.)	TEMPERATURE °F
001.5	001.5	92.672		47
398.5	398.5	362.079	0.674	45
598.5	598.5	518.128	0.780	86
798.5	798.5	696.506	0.892	103
998.5	998.5	862.615	0.831	119
1198.5	1198.5	1052.034	0.947	135
1398.5	1398.5	1247.586	0.978	148
1448.5	1448.5	1274.085	0.530	152
1498.5	1498.5	1307.700	0.672	155
1548.5	1548.5	1342.786	0.702	157
1566.5	1566.5	1318.741	1.336	158
	OUTRUN.			
1566.5	1566.5	2250.131		154
1548.5	1548.5	2237.863	0.682	154
1498.5	1498.5	2180.940	1.138	152
1448.5	1448.5	2124.261	1.134	149
1398.5	1398.5	2067.092	1.143	147
1348.5	1348.5	2007.224	1.197	144
1298.5	1298.5	1948.092	1.183	140
			1.212	
1248.5	1248.5	1887.488		137
1198.5	1198.5	1829.583	1.158	133
1148.5	1148.5	1769.960	1.192	130
1098.5	1098.5	1712.300	1.153	125

REPORTED DEPTHS ARE GAUGE SENSING DEPTHS RELATIVE TO WIRELINE R.K.B.

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WILDCAT
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OFFSHORE NORWAY
13th JULY 1980
MRPG-599-NOR

COMPLETION TEST NO. 4. RUN NO. 5. GAUGE SENSING DEPTH - 1566.5 M.

DELTA TIME	PRESSURE	TIME	DATE
0.000	1335.515	13:19	11-7-80
0.033	1312.921	13:21	GAUGES ON BOTTOM AT 13.16
0.067	1319.307	13:23	FLOWING ON 24/64" CHOKE
0.100	1336.989	13:25	
0.133	1342.392	13:27	
0.167	1324.710	13:29	
0.200	1322.008	13:31	
0.233	1325.446	13:33	
0.267	1339.690	13:35	
0.300	1351.233	13:37	
0.333	1363.021	13:39	
0.367	1370.143	13:41	
0.400	1381.440	13:43	
0.433	1362.284	13:45	
0.467	1375.546	13:47	
0.500	1369.897	13:49	
0.533	1370.388	13:51	
0.567	1373.335	13:53	
0.600	1371.125	13:55	
0.633	1363.021	13:57	
0.667	1353.197	13:59	
0.700	1344.602	14: 1	
0.733	1337.480	14: 3	
0.767	1331.095	14: 5	
0.800	1324.710	14: 7	
0.833	1308.010	14: 9	
0.900	1299.414	14:13	
0.933	1287.135	14:15	
0.967	1282.469	14:17	
1.000	1270.926	14:19	
1.033	1285.907	14:21	
1.067	1278.785	14:23	
1.100	1267.243	14:25	
1.133	1292.292	14:27	
1.167	1308.010	14:29	
1.200	1302.116	14:31	
1.233	1324.955	14:33	
1.267	1316.114	14:35	
1.300	1331.340	14:37	
1.333	1350.250	14:39	
1.367	1361.056	14:41	
1.400	1376.037	14:43	
1.433	1386.597	14:45	
1.467	1402.069	14:47	
1.500	1393.719	14:49	
1.533	1404.279	14:51	

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COMPLETION TEST NO. 4. RUN NO. 5. GAUGE SENSING DEPTH - 1566.5 M.

DELTA TIME	PRESSURE	TIME	DATE
1.567	1410.910	14:53	11-7-80
1.600	1417.786	14:55	
1.633	1418.032	14:57	
1.667	1423.680	14:59	
1.700	1435.714	15: 1	
1.733	1415.576	15: 3	
1.767	1401.823	15: 5	
1.800	1416.313	15: 7	
1.833	1410.910	15: 9	
1.867	1411.401	15:11	
1.900	1409.682	15:13	
1.933	1410.173	15:15	
1.967	1406.489	15:17	
2.000	1415.822	15:19	
2.033	1401.823	15:21	
2.067	1409.436	15:23	
2.100	1415.330	15:25	
2.133	1417.541	15:27	
2.167	1422.698	15:29	
2.200	1408.945	15:31	
2.233	1415.085	15:33	
2.267	1417.786	15:35	
2.300	1421.716	15:37	
2.333	1420.733	15:39	
2.367	1425.645	15:41	
2.400	1416.558	15:43	
2.433	1409.682	15:45	
2.467	1412.629	15:47	
2.500	1413.366	15:49	
2.533	1405.998	15:51	
2.567	1408.454	15:53	
2.600	1401.086	15:55	
2.633	1401.823	15:57	
2.667	1385.123	15:59	
2.700	1380.703	16: 1	
2.733	1392.000	16: 3	
2.767	1388.807	16: 5	
2.800	1388.807	16: 7	
2.833	1393.965	16: 9	
2.867	1400.595	16:11	
2.900	1403.542	16:13	
2.933	1398.385	16:15	
2.967	1416.804	16:17	
3.000	1409.191	16:19	
3.033	1427.855	16:21	
3.067	1417.050	16:23	
3.100	1428.101	16:25	

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COMPLETION TEST NO. 4. RUN NO. 5. GAUGE SENSING DEPTH - 1566.5 M.

DELTA TIME	PRESSURE	TIME	DATE
3.133	1424.417	16:27	11-7-80
3.167	1439.398	16:29	
3.200	1438.170	16:31	
3.233	1437.679	16:33	
3.267	1446.029	16:35	
3.300	1439.889	16:37	
3.333	1452.414	16:39	
3.367	1438.415	16:41	
3.400	1451.186	16:43	
3.433	1445.783	16:45	
3.467	1456.098	16:47	
3.500	1445.783	16:49	
3.533	1458.553	16:51	
3.567	1455.852	16:53	
3.600	1448.976	16:55	
3.633	1455.361	16:57	
3.667	1465.184	16:59	
3.700	1458.062	17: 1	
3.733	1449.712	17: 3	
3.767	1463.465	17: 5	
3.800	1468.131	17: 7	
3.833	1460.272	17: 9	
3.867	1451.923	17:11	
3.900	1466.903	17:13	
3.933	1463.711	17:15	
3.967	1466.658	17:17	
4.000	1449.467	17:19	
4.033	1460.518	17:21	
4.067	1465.675	17:23	
4.100	1449.221	17:25	
4.133	1452.659	17:27	
4.167	1455.606	17:29	
4.200	1451.677	17:31	
4.233	1455.852	17:33	
4.267	1462.483	17:35	
4.300	1442.590	17:37	
4.333	1447.011	17:39	
4.367	1456.589	17:41	
4.400	1446.029	17:43	
4.433	1436.696	17:45	
4.467	1452.168	17:47	
4.500	1442.345	17:49	
4.533	1434.732	17:51	
4.567	1435.714	17:53	
4.600	1442.099	17:55	
4.633	1446.029	17:57	
4.667	1440.626	17:59	

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COMPLETION TEST NO. 4. RUN NO. 5. GAUGE SENSING DEPTH - 1566.5 M.

DELTA TIME	PRESSURE	TIME	DATE
4.700	1423.680	18: 1	11- 7-80
4.733	1434.977	18: 3	
4.767	1448.239	18: 5	
4.800	1434.486	18: 7	
4.833	1421.961	18: 9	
4.867	1440.626	18:11	
4.900	1440.380	18:13	
4.933	1432.030	18:15	
4.967	1434.486	18:17	
5.000	1447.993	18:19	
5.033	1442.099	18:21	
5.067	1424.908	18:23	
5.100	1443.818	18:25	
5.133	1456.098	18:27	
5.167	1430.066	18:29	
5.200	1443.573	18:31	
5.233	1452.168	18:33	
5.267	1450.449	18:35	
5.300	1435.960	18:37	
5.333	1453.887	18:39	
5.367	1461.746	18:41	
5.400	1441.608	18:43	
5.433	1445.046	18:45	
5.467	1461.992	18:47	
5.500	1454.378	18:49	
5.533	1442.836	18:51	
5.567	1454.133	18:53	
5.600	1452.168	18:55	
5.633	1460.027	18:57	
5.667	1449.221	18:59	
5.700	1459.781	19: 1	
5.733	1463.220	19: 3	
5.767	1446.274	19: 5	
5.800	1463.711	19: 7	
5.833	1457.571	19: 9	
5.867	1444.064	19:11	
5.900	1452.659	19:13	
5.933	1458.553	19:15	
5.967	1436.451	19:17	
6.000	1450.695	19:19	
6.033	1465.184	19:21	
6.067	1442.590	19:23	
6.100	1453.151	19:25	
6.133	1448.239	19:27	
6.167	1451.923	19:29	
6.200	1444.801	19:31	
6.233	1446.765	19:33	

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COMPLETION TEST NO. 4. RUN NO. 5. GAUGE SENSING DEPTH - 1566.5 M.

DELTA TIME	PRESSURE	TIME	DATE
6.267	1451.431	19:35	11-7-80
6.300	1459.290	19:37	
6.333	1444.309	19:39	
6.367	1442.836	19:41	
6.400	1456.589	19:43	
6.433	1449.958	19:45	
6.467	1447.502	19:47	
6.500	1446.765	19:49	
6.533	1453.396	19:51	
6.567	1457.817	19:53	
6.600	1436.696	19:55	
6.633	1453.396	19:57	
6.667	1451.677	19:59	
6.700	1437.924	20: 1	
6.733	1441.608	20: 3	
6.767	1452.905	20: 5	
6.800	1441.362	20: 7	
6.833	1434.732	20: 9	
6.867	1448.239	20:11	
6.900	1443.818	20:13	
6.933	1441.608	20:15	
6.967	1436.696	20:17	
7.000	1451.186	20:19	
7.033	1436.696	20:21	
7.067	1432.276	20:23	
7.100	1445.537	20:25	
7.133	1449.958	20:27	
7.167	1432.276	20:29	
7.200	1438.661	20:31	
7.233	1438.907	20:33	
7.267	1447.748	20:35	
7.300	1429.820	20:37	
7.333	1439.152	20:39	
7.367	1438.415	20:41	
7.400	1429.820	20:43	
7.433	1441.608	20:45	
7.467	1438.415	20:47	
7.500	1426.627	20:49	
7.533	1440.135	20:51	
7.567	1437.187	20:53	
7.600	1419.260	20:55	
7.633	1433.504	20:57	
7.667	1442.590	20:59	
7.700	1427.364	21: 1	
7.733	1432.276	21: 3	
7.767	1430.066	21: 5	
7.800	1427.119	21: 7	

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COMPLETION TEST NO. 4. RUN NO. 5. GAUGE SENSING DEPTH - 1566.5 M.

DELTA TIME	PRESSURE	TIME	DATE
7.833	1434.240	21: 9	11- 7-80
7.867	1421.716	21:11	
7.900	1427.855	21:13	
7.933	1439.643	21:15	
7.967	1429.083	21:17	
8.000	1421.961	21:19	
8.033	1435.714	21:21	
8.067	1437.924	21:23	
8.100	1418.032	21:25	
8.133	1432.521	21:27	
8.167	1433.749	21:29	
8.200	1419.260	21:31	
8.233	1423.789	21:33	
8.267	1424.908	21:35	
8.300	1432.030	21:37	
8.333	1418.277	21:39	
8.367	1425.399	21:41	
8.400	1428.592	21:43	
8.433	1427.855	21:45	
8.467	1424.417	21:47	
8.500	1425.399	21:49	
8.533	1428.592	21:51	
8.567	1427.610	21:53	
8.600	1430.311	21:55	
8.633	1436.205	21:57	
8.667	1419.997	21:59	
8.700	1427.179	22: 1	
8.733	1440.380	22: 3	
8.767	1423.680	22: 5	
8.800	1425.645	22: 7	
8.833	1437.187	22: 9	
8.867	1430.311	22:11	
8.900	1419.505	22:13	
8.933	1430.557	22:15	
8.967	1430.066	22:17	
9.000	1419.523	22:19	
9.033	1422.698	22:21	
9.067	1428.592	22:23	
9.100	1415.085	22:25	
9.133	1415.330	22:27	
9.167	1427.855	22:29	
9.200	1412.629	22:31	
9.233	1415.330	22:33	
9.267	1417.786	22:35	
9.300	1409.928	22:37	
9.333	1415.330	22:39	
9.367	1415.576	22:41	

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COMPLETION TEST NO. 4. RUN NO. 5. GAUGE SENSING DEPTH - 1566.5 M.

DELTA TIME	PRESSURE	TIME	DATE
9.400	1408.454	22:43	11- 7-80
9.433	1419.505	22:45	
9.467	1412.875	22:47	
9.500	1407.472	22:49	
9.533	1415.576	22:51	
9.567	1416.558	22:53	
9.600	1401.086	22:55	
9.633	1404.770	22:57	
9.667	1417.295	22:59	
9.700	1401.578	23: 1	
9.733	1405.753	23: 3	
9.767	1415.576	23: 5	
9.800	1397.648	23: 7	
9.833	1405.507	23: 9	
9.867	1412.383	23:11	
9.900	1397.157	23:13	
9.933	1464.279	23:15	
9.967	1414.103	23:17	
10.000	1392.982	23:19	
10.033	1398.876	23:21	
10.067	1408.454	23:23	
10.100	1405.016	23:25	
10.133	1404.770	23:27	
10.167	1401.332	23:29	
10.200	1405.507	23:31	
10.233	1403.542	23:33	
10.267	1411.401	23:35	
10.300	1410.419	23:37	
10.333	1402.314	23:39	
10.367	1415.576	23:41	
10.400	1411.892	23:43	
10.433	1404.034	23:45	
10.467	1418.277	23:47	
10.500	1401.086	23:49	
10.533	1403.051	23:51	
10.567	1403.788	23:53	
10.600	1413.366	23:55	
10.633	1402.806	23:57	
10.667	1407.717	23:59	
10.700	1408.945	0: 1	12- 7-80
10.733	1394.947	0: 3	
10.767	1401.823	0: 5	
10.800	1412.383	0: 7	
10.833	1412.138	0: 9	
10.867	1411.647	0:11	
10.900	1407.472	0:13	
10.933	1395.438	0:15	

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COMPLETION TEST NO. 4. RUN NO. 5. GAUGE SENSING DEPTH - 1566.5 M.

DELTA TIME	PRESSURE	TIME	DATE
10.967	1408.700	0:17	12-7-80
11.000	1418.277	0:19	
11.033	1408.208	0:21	
11.067	1406.735	0:23	
11.100	1419.505	0:25	
11.133	1423.435	0:27	
11.167	1397.403	0:29	
11.200	1414.839	0:31	
11.233	1427.610	0:33	
11.267	1410.664	0:35	
11.300	1407.226	0:37	
11.333	1422.452	0:39	
11.367	1427.364	0:41	
11.400	1415.330	0:43	
11.433	1415.085	0:45	
11.467	1425.891	0:47	
11.500	1417.295	0:49	
11.533	1419.505	0:51	
11.567	1415.085	0:53	
11.600	1409.682	0:55	
11.633	1417.786	0:57	
11.667	1403.051	0:59	
11.700	1413.857	1: 1	
11.733	1411.647	1: 3	
11.767	1410.664	1: 5	
11.800	1409.682	1: 7	
11.833	1404.279	1: 9	
11.867	1413.857	1:11	
11.900	1408.208	1:13	
11.933	1403.542	1:15	
11.967	1405.998	1:17	
12.000	1406.981	1:19	
12.033	1412.629	1:21	
12.067	1404.034	1:23	
12.100	1397.403	1:25	
12.133	1406.489	1:27	
12.167	1410.664	1:29	
12.200	1401.086	1:31	
12.233	1398.139	1:33	
12.267	1402.806	1:35	
12.300	1405.507	1:37	
12.333	1407.717	1:39	
12.367	1405.016	1:41	
12.400	1391.263	1:43	
12.433	1399.613	1:45	
12.467	1405.016	1:47	
12.500	1397.648	1:49	

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COMPLETION TEST NO. 4. RUN NO. 5. GAUGE SENSING DEPTH - 1566.5 M.

DELTA TIME	PRESSURE	TIME	DATE
12.533	1392.245	1:51	12-7-80
12.567	1406.489	1:53	
12.600	1410.173	1:55	
12.633	1399.367	1:57	
12.667	1414.348	1:59	
12.700	1420.488	2: 1	
12.733	1401.332	2: 3	
12.767	1413.857	2: 5	
12.800	1422.698	2: 7	
12.833	1398.876	2: 9	
12.867	1413.120	2:11	
12.900	1420.733	2:13	
12.933	1402.560	2:15	
12.967	1409.928	2:17	
13.000	1405.016	2:19	
13.033	1405.016	2:21	
13.067	1417.295	2:23	
13.100	1407.226	2:25	
13.133	1411.892	2:27	
13.167	1409.191	2:29	
13.200	1407.717	2:31	
13.233	1412.629	2:33	
13.267	1415.085	2:35	
13.300	1416.313	2:37	
13.333	1418.032	2:39	
13.367	1418.277	2:41	
13.400	1415.576	2:43	
13.433	1417.050	2:45	
13.467	1423.189	2:47	
13.500	1422.452	2:49	
13.533	1419.014	2:51	
13.567	1418.523	2:53	
13.600	1426.873	2:55	
13.633	1428.101	2:57	
13.667	1420.979	2:59	
13.700	1415.576	3: 1	
13.733	1418.032	3: 3	
13.767	1427.364	3: 5	
13.800	1403.788	3: 7	
13.833	1410.419	3: 9	
13.867	1416.558	3:11	
13.900	1399.613	3:13	
13.933	1406.735	3:15	
13.967	1407.226	3:17	
14.000	1387.334	3:19	
14.033	1395.684	3:21	
14.067	1394.456	3:23	

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DELTA TIME	PRESSURE	TIME	DATE
14.100	1403.297	3:25	12- 7-80
14.133	1388.562	3:27	
14.167	1398.139	3:29	
14.200	1388.316	3:31	
14.233	1377.510	3:33	
14.267	1389.053	3:35	
14.300	1384.632	3:37	
14.333	1381.685	3:39	
14.367	1386.106	3:41	
14.400	1379.721	3:43	
14.433	1380.949	3:45	
14.467	1391.754	3:47	
14.500	1370.880	3:49	
14.533	1376.037	3:51	
14.567	1379.475	3:53	
14.600	1363.758	3:55	
14.633	1378.002	3:57	
14.667	1387.088	3:59	
14.700	1365.231	4: 1	
14.733	1369.652	4: 3	
14.767	1380.457	4: 5	
14.800	1369.897	4: 7	
14.833	1372.107	4: 9	
14.867	1385.123	4:11	
14.900	1379.966	4:13	
14.933	1370.388	4:15	
14.967	1385.860	4:17	
15.000	1374.809	4:19	
15.033	1373.581	4:21	
15.067	1383.896	4:23	
15.100	1376.774	4:25	
15.133	1375.546	4:27	
15.167	1383.404	4:29	
15.200	1386.106	4:31	
15.233	1385.123	4:33	
15.267	1386.106	4:35	
15.300	1386.351	4:37	
15.333	1395.684	4:39	
15.367	1389.298	4:41	
15.400	1386.351	4:43	
15.433	1394.210	4:45	
15.467	1388.070	4:47	
15.500	1396.175	4:49	
15.533	1400.350	4:51	
15.567	1378.984	4:53	
15.600	1392.491	4:55	
15.633	1397.894	4:57	

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COMPLETION TEST NO. 4. RUN NO. 5. GAUGE SENSING DEPTH - 1566.5 M.

DELTA TIME	PRESSURE	TIME	DATE
15.667	1373.090	4:59	12- 7-80
15.700	1382.668	5: 1	
15.733	1391.018	5: 3	
15.767	1382.176	5: 5	
15.800	1372.844	5: 7	
15.833	1382.422	5: 9	
15.867	1380.212	5:11	
15.900	1371.371	5:13	
15.933	1378.247	5:15	
15.967	1378.738	5:17	
16.000	1383.650	5:19	
16.033	1374.318	5:21	
16.067	1369.406	5:23	
16.100	1371.371	5:25	
16.133	1378.247	5:27	
16.167	1386.106	5:29	
16.200	1365.477	5:31	
16.233	1368.178	5:33	
16.267	1378.247	5:35	
16.300	1358.846	5:37	
16.333	1364.003	5:39	
16.367	1374.072	5:41	
16.400	1363.758	5:43	
16.433	1356.636	5:45	
16.467	1365.477	5:47	
16.500	1364.985	5:49	
16.533	1348.531	5:51	
16.567	1361.547	5:53	
16.600	1356.390	5:55	
16.633	1346.567	5:57	
16.667	1351.724	5:59	
16.700	1363.512	6: 1	
16.733	1349.759	6: 3	
16.767	1350.987	6: 5	
16.800	1358.355	6: 7	
16.833	1364.985	6: 9	
16.867	1358.109	6:11	
16.900	1352.952	6:13	
16.933	1366.459	6:15	
16.967	1371.862	6:17	
17.000	1356.636	6:19	
17.033	1370.143	6:21	
17.067	1370.143	6:23	
17.100	1361.056	6:25	
17.133	1360.565	6:27	
17.167	1365.477	6:29	
17.200	1375.054	6:31	

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COMPLETION TEST NO. 4. RUN NO. 5. GAUGE SENSING DEPTH - 1566.5 M.

DELTA TIME	PRESSURE	TIME	DATE
17.233	1359.583	6:33	12- 7-80
17.267	1364.494	6:35	
17.300	1367.196	6:37	
17.333	1373.335	6:39	
17.367	1363.021	6:41	
17.400	1372.599	6:43	
17.433	1360.811	6:45	
17.467	1366.705	6:47	
17.500	1379.475	6:49	
17.533	1370.388	6:51	
17.567	1360.074	6:53	
17.600	1370.880	6:55	
17.633	1375.791	6:57	
17.667	1361.547	6:59	
17.700	1373.090	7: 1	
17.733	1377.510	7: 3	
17.767	1358.846	7: 5	
17.800	1370.388	7: 7	
17.833	1378.493	7: 9	
17.867	1359.091	7:11	
17.900	1369.652	7:13	
17.933	1378.738	7:15	
17.967	1361.793	7:17	
18.000	1370.880	7:19	
18.033	1379.475	7:21	
18.067	1361.056	7:23	
18.100	1366.459	7:25	
18.133	1377.510	7:27	
18.167	1376.282	7:29	
18.200	1362.775	7:31	
18.233	1373.335	7:33	
18.267	1371.862	7:35	
18.300	1370.634	7:37	
18.333	1363.021	7:39	
18.367	1374.318	7:41	
18.400	1372.107	7:43	
18.433	1369.652	7:45	
18.467	1371.862	7:47	
18.500	1384.878	7:49	
18.533	1361.547	7:51	
18.567	1371.616	7:53	
18.600	1383.650	7:55	
18.633	1377.265	7:57	
18.667	1368.669	7:59	
18.700	1375.054	8: 1	
18.733	1372.353	8: 3	
18.767	1373.581	8: 5	

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DELTA TIME	PRESSURE	TIME	DATE
18.800	1378.002	8: 7	12- 7-80
18.833	1362.775	8: 9	
18.867	1371.616	8:11	
18.900	1379.721	8:13	
18.933	1381.194	8:15	
18.967	1362.775	8:17	
19.000	1373.827	8:19	
19.033	1370.880	8:21	
19.067	1357.864	8:23	
19.100	1370.143	8:25	
19.133	1373.581	8:27	
19.167	1358.846	8:29	
19.200	1371.371	8:31	
19.233	1354.180	8:33	
19.267	1363.021	8:35	
19.300	1368.424	8:37	
19.333	1373.581	8:39	
19.367	1357.864	8:41	
19.400	1360.074	8:43	
19.433	1367.196	8:45	
19.467	1368.669	8:47	
19.500	1354.671	8:49	
19.533	1364.985	8:51	
19.567	1361.793	8:53	
19.600	1358.355	8:55	
19.633	1364.740	8:57	
19.667	1369.897	8:59	
19.700	1357.864	9: 1	
19.733	1364.494	9: 3	
19.767	1372.599	9: 5	
19.800	1353.934	9: 7	
19.833	1367.687	9: 9	
19.867	1372.599	9:11	
19.900	1352.706	9:13	
19.933	1362.775	9:15	
19.967	1374.809	9:17	
20.000	1358.109	9:19	
20.033	1359.337	9:21	
20.067	1370.388	9:23	
20.100	1363.266	9:25	
20.133	1358.355	9:27	
20.167	1369.160	9:29	
20.200	1370.634	9:31	
20.233	1354.425	9:33	
20.267	1365.477	9:35	
20.300	1365.477	9:37	
20.333	1356.390	9:39	

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COMPLETION TEST NO. 4. RUN NO. 5. GAUGE SENSING DEPTH - 1566.5 M.

DELTA TIME	PRESSURE	TIME	DATE
20.367	1361.793	9:41	12-7-80
20.400	1371.371	9:43	
20.433	1361.302	9:45	
20.467	1363.021	9:47	
20.500	1360.811	9:49	
20.533	1365.477	9:51	
20.567	1366.459	9:53	
20.600	1362.038	9:55	
20.633	1364.740	9:57	
20.667	1367.441	9:59	
20.700	1366.705	10: 1	
20.733	1363.266	10: 3	
20.767	1362.530	10: 5	
20.800	1354.425	10: 7	
20.833	1355.162	10: 9	
20.867	1349.759	10:11	
20.900	1352.215	10:13	
20.933	1356.636	10:15	
20.967	1355.408	10:17	
21.000	1351.969	10:19	
21.033	1342.883	10:21	
21.067	1350.250	10:23	
21.100	1347.058	10:25	
21.133	1347.058	10:27	
21.167	1335.761	10:29	
21.200	1339.199	10:31	
21.233	1348.286	10:33	
21.267	1343.865	10:35	
21.300	1347.795	10:37	
21.333	1350.742	10:39	
21.367	1348.777	10:41	
21.400	1342.883	10:43	
21.433	1346.075	10:45	
21.467	1352.952	10:47	
21.500	1350.496	10:49	
21.533	1345.830	10:51	
21.567	1344.602	10:53	
21.600	1343.865	10:55	
21.633	1340.427	10:57	
21.667	1339.690	10:59	
21.700	1345.093	11: 1	
21.733	1329.130	11: 3	
21.767	1331.095	11: 5	
21.800	1337.480	11: 7	
21.833	1342.146	11: 9	
21.867	1336.743	11:11	
21.900	1337.726	11:13	

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COMPLETION TEST NO. 4. RUN NO. 5. GAUGE SENSING DEPTH - 1566.5 M.

DELTA TIME	PRESSURE	TIME	DATE
21.933	1335.515	11:15	12-7-80
21.967	1340.181	11:17	
22.000	1343.128	11:19	
22.033	1336.989	11:21	
22.067	1336.498	11:23	
22.100	1345.830	11:25	
22.133	1353.689	11:27	
22.167	1352.215	11:29	
22.200	1354.180	11:31	
22.233	1354.671	11:33	
22.267	1354.917	11:35	
22.300	1357.618	11:37	
22.333	1359.828	11:39	
22.367	1356.144	11:41	
22.400	1356.390	11:43	
22.433	1353.197	11:45	
22.467	1347.549	11:47	
22.500	1351.233	11:49	
22.533	1348.531	11:51	
22.567	1346.075	11:53	
22.600	1343.620	11:55	
22.633	1333.059	11:57	
22.667	1338.217	11:59	
22.700	1344.602	12:1	
22.733	1343.374	12:3	
22.767	1347.795	12:5	
22.800	1345.093	12:7	
22.833	1336.252	12:9	
22.867	1341.164	12:11	
22.900	1343.865	12:13	
22.933	1342.146	12:15	
22.967	1336.498	12:17	
23.000	1333.551	12:19	
23.033	1340.427	12:21	
23.067	1343.865	12:23	
23.100	1342.637	12:25	
23.133	1340.918	12:27	
23.167	1337.971	12:29	
23.200	1335.024	12:31	
23.233	1331.586	12:33	
23.267	1327.902	12:35	
23.300	1320.780	12:37	
23.333	1321.763	12:39	
23.367	1325.692	12:41	
23.400	1324.955	12:43	
23.433	1322.499	12:45	
23.467	1319.061	12:47	

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COMPLETION TEST NO. 4. RUN NO. 5. GAUGE SENSING DEPTH - 1566.5 M.

DELTA TIME	PRESSURE	TIME	DATE
23.500	1319.798	12:49	12-7-80
23.533	1321.517	12:51	
23.567	1324.955	12:53	
23.600	1323.973	12:55	
23.633	1325.692	12:57	
23.667	1328.393	12:59	
23.700	1330.358	13:1	
23.733	1328.885	13:3	
23.767	1321.763	13:5	
23.800	1318.816	13:7	
23.833	1321.517	13:9	
23.867	1324.218	13:11	
23.900	1324.218	13:13	
23.933	1326.183	13:15	
23.967	1320.535	13:17	
24.000	1320.780	13:19	
24.033	1318.570	13:21	
24.067	1315.377	13:23	
24.100	1314.395	13:25	
24.133	1317.096	13:27	
24.167	1318.570	13:29	
24.200	1323.973	13:31	
24.233	1324.955	13:33	
24.267	1325.692	13:35	
24.300	1332.077	13:37	
24.333	1332.568	13:39	
24.367	1333.305	13:41	
24.400	1330.358	13:43	
24.433	1332.568	13:45	
24.467	1330.849	13:47	
24.500	1328.639	13:49	
24.533	1334.287	13:51	
24.567	1330.849	13:53	
24.600	1334.779	13:55	
24.633	1334.533	13:57	
24.667	1332.323	13:59	
24.700	1333.796	14:1	
24.733	1335.270	14:3	
24.767	1337.480	14:5	
24.800	1340.427	14:7	
24.833	1337.726	14:9	
24.867	1337.726	14:11	
24.900	1329.867	14:13	
24.933	1325.692	14:15	
24.967	1333.059	14:17	
25.000	1336.006	14:19	
25.033	1337.234	14:21	

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COMPLETION TEST NO. 4. RUN NO. 5. GAUGE SENSING DEPTH - 1566.5 M.

DELTA TIME	PRESSURE	TIME	DATE
25.067	1342.146	14:23	12- 7-80
25.100	1340.918	14:25	
25.133	1338.953	14:27	
25.167	1340.918	14:29	
25.200	1338.708	14:31	
25.233	1336.252	14:33	
25.267	1332.568	14:35	
25.300	1332.077	14:37	
25.333	1326.183	14:39	
25.367	1327.902	14:41	
25.400	1323.973	14:43	
25.433	1325.937	14:45	
25.467	1325.446	14:47	
25.500	1326.183	14:49	
25.533	1329.130	14:51	
25.567	1328.639	14:53	
25.600	1326.429	14:55	
25.633	1322.745	14:57	
25.667	1318.079	14:59	
25.700	1314.641	15: 1	
25.733	1315.377	15: 3	
25.767	1311.448	15: 5	
25.800	1314.886	15: 7	
25.833	1314.886	15: 9	
25.867	1317.833	15:11	
25.900	1317.588	15:13	
25.933	1312.921	15:15	
25.967	1312.921	15:17	
26.000	1311.202	15:19	
26.033	1312.676	15:21	
26.067	1310.466	15:23	
26.100	1309.974	15:25	
26.133	1313.413	15:27	
26.167	1318.570	15:29	
26.200	1320.535	15:31	
26.233	1322.008	15:33	
26.267	1322.254	15:35	
26.300	1321.026	15:37	
26.333	1323.727	15:39	
26.367	1325.692	15:41	
26.400	1323.973	15:43	
26.433	1326.674	15:45	
26.467	1326.920	15:47	
26.500	1327.165	15:49	
26.533	1325.692	15:51	
26.567	1324.464	15:53	
26.600	1325.937	15:55	

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COMPLETION TEST NO. 4. RUN NO. 5. GAUGE SENSING DEPTH - 1566.5 M.

DELTA TIME	PRESSURE	TIME	DATE
26.633	1328.148	15:57	12- 7-80
26.667	1328.639	15:59	
26.700	1328.393	16: 1	
26.733	1312.921	16: 3	
26.767	1288.609	16: 5	
26.800	1270.926	16: 7	
26.833	1255.455	16: 9	
26.867	1236.790	16:11	
26.900	1236.299	16:13	
26.933	1233.106	16:15	
26.967	1221.809	16:17	
27.000	1220.336	16:19	
27.033	1217.389	16:21	
27.067	1217.880	16:23	
27.100	1210.513	16:25	
27.133	1209.285	16:27	
27.167	1213.951	16:29	
27.200	1219.845	16:31	
27.233	1218.371	16:33	
27.267	1217.143	16:35	
27.300	1216.652	16:37	
27.333	1215.915	16:39	
27.367	1214.196	16:41	
27.400	1209.285	16:43	
27.433	1203.882	16:45	
27.467	1206.092	16:47	
27.500	1200.444	16:49	
27.533	1212.723	16:51	
27.567	1211.495	16:53	
27.600	1230.651	16:55	
27.633	1235.562	16:57	
27.667	1240.474	16:59	
27.700	1250.297	17: 1	
27.733	1247.841	17: 3	
27.767	1259.875	17: 5	
27.800	1261.594	17: 7	
27.833	1266.752	17: 9	
27.867	1264.296	17:11	
27.900	1265.278	17:13	
27.933	1263.313	17:15	
27.967	1254.472	17:17	
28.000	1239.492	17:19	
28.033	1228.195	17:21	
28.067	1216.898	17:23	
28.100	1205.601	17:25	
28.133	1196.269	17:27	
28.167	1192.339	17:29	

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DELTA TIME	PRESSURE	TIME	DATE
28.200	1193.322	17:31	12-7-80
28.233	1193.813	17:33	
28.267	1195.777	17:35	
28.300	1196.269	17:37	
28.333	1194.550	17:39	
28.367	1195.286	17:41	
28.400	1193.813	17:43	
28.433	1188.164	17:45	
28.467	1184.726	17:47	
28.500	1183.007	17:49	
28.533	1181.534	17:51	
28.567	1179.814	17:53	
28.600	1180.060	17:55	
28.633	1180.551	17:57	
28.667	1181.779	17:59	
28.700	1183.989	18: 1	
28.733	1185.708	18: 3	
28.767	1185.954	18: 5	
28.800	1189.883	18: 7	
28.833	1184.235	18: 9	
28.867	1191.848	18:11	
28.900	1202.408	18:13	
28.933	1209.530	18:15	
28.967	1218.862	18:17	
29.000	1223.037	18:19	
29.033	1226.967	18:21	
29.067	1227.458	18:23	
29.100	1224.020	18:25	
29.133	1216.652	18:27	
29.167	1210.021	18:29	
29.200	1199.952	18:31	
29.233	1191.111	18:33	
29.267	1184.972	18:35	
29.300	1184.726	18:37	
29.333	1186.200	18:39	
29.367	1186.445	18:41	
29.400	1185.954	18:43	
29.433	1186.445	18:45	
29.467	1187.919	18:47	
29.500	1186.691	18:49	
29.533	1183.989	18:51	
29.567	1182.270	18:53	
29.600	1181.042	18:55	
29.633	1177.850	18:57	
29.667	1175.885	18:59	
29.700	1175.394	19: 1	
29.733	1173.675	19: 3	

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COMPLETION TEST NO. 4. RUN NO. 5. GAUGE SENSING DEPTH - 1566.5 M.

DELTA TIME	PRESSURE	TIME	DATE
29.767	1169.500	19: 5	12- 7-80
29.800	1169.254	19: 7	
29.833	1169.009	19: 9	
29.867	1171.219	19:11	
29.900	1176.376	19:13	
29.933	1178.832	19:15	
29.967	1180.551	19:17	
30.000	1182.761	19:19	
30.033	1183.989	19:21	
30.067	1189.638	19:23	
30.100	1193.322	19:25	
30.133	1197.742	19:27	
30.167	1199.461	19:29	
30.200	1202.408	19:31	
30.233	1201.917	19:33	
30.267	1198.233	19:35	
30.300	1195.532	19:37	
30.333	1191.357	19:39	
30.367	1188.655	19:41	
30.400	1184.972	19:43	
30.433	1181.288	19:45	
30.467	1180.306	19:47	
30.500	1182.270	19:49	
30.533	1183.744	19:51	
30.567	1185.954	19:53	
30.600	1189.147	19:55	
30.633	1189.147	19:57	
30.667	1188.901	19:59	
30.700	1186.200	20: 1	
30.733	1185.217	20: 3	
30.767	1183.253	20: 5	
30.800	1179.078	20: 7	
30.833	1176.622	20: 9	
30.867	1172.938	20:11	
30.900	1170.973	20:13	
30.933	1171.219	20:15	
30.967	1169.745	20:17	
31.000	1169.254	20:19	
31.033	1168.026	20:21	
31.067	1168.763	20:23	
31.100	1169.500	20:25	
31.133	1169.254	20:27	
31.167	1168.763	20:29	
31.200	1168.026	20:31	
31.233	1168.763	20:33	
31.267	1173.675	20:35	
31.300	1175.394	20:37	

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COMPLETION TEST NO. 4. RUN NO. 5. GAUGE SENSING DEPTH - 1566.5 M.

DELTA TIME	PRESSURE	TIME	DATE
31.333	1175.639	20:39	12-7-80
31.367	1176.622	20:41	
31.400	1177.850	20:43	
31.433	1178.341	20:45	
31.467	1175.639	20:47	
31.500	1173.429	20:49	
31.533	1173.429	20:51	
31.567	1170.973	20:53	
31.600	1170.482	20:55	
31.633	1169.745	20:57	
31.667	1169.991	20:59	
31.700	1173.675	21: 1	
31.733	1178.095	21: 3	
31.767	1180.551	21: 5	
31.800	1181.534	21: 7	
31.833	1179.323	21: 9	
31.867	1177.113	21:11	
31.900	1176.131	21:13	
31.933	1173.429	21:15	
31.967	1168.763	21:17	
32.000	1165.079	21:19	
32.033	1162.869	21:21	
32.067	1162.132	21:23	
32.100	1161.150	21:25	
32.133	1157.712	21:27	
32.167	1155.501	21:29	
32.200	1154.274	21:31	
32.233	1152.800	21:33	
32.267	1150.590	21:35	
32.300	1148.871	21:37	
32.333	1146.169	21:39	
32.367	1146.906	21:41	
32.400	1149.116	21:43	
32.433	1149.853	21:45	
32.467	1150.835	21:47	
32.500	1147.643	21:49	
32.533	1141.503	21:51	
32.567	1140.030	21:53	
32.600	1137.574	21:55	
32.633	1137.328	21:57	
32.667	1140.275	21:59	
32.700	1141.994	22: 1	
32.733	1148.625	22: 3	
32.767	1152.800	22: 5	
32.800	1155.256	22: 7	
32.833	1158.449	22: 9	
32.867	1160.168	22:11	

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DELTA TIME	PRESSURE	TIME	DATE
32.900	1159.922	22:13	12- 7-80
32.933	1160.904	22:15	
32.967	1159.676	22:17	
33.000	1158.203	22:19	
33.033	1155.501	22:21	
33.067	1154.519	22:23	
33.100	1154.274	22:25	
33.133	1151.818	22:27	
33.167	1148.871	22:29	
33.200	1144.941	22:31	
33.233	1143.959	22:33	
33.267	1142.485	22:35	
33.300	1144.205	22:37	
33.333	1145.924	22:39	
33.367	1146.660	22:41	
33.400	1149.362	22:43	
33.433	1150.344	22:45	
33.467	1152.309	22:47	
33.500	1152.554	22:49	
33.533	1153.537	22:51	
33.567	1151.081	22:53	
33.600	1146.660	22:55	
33.633	1146.169	22:57	
33.667	1141.012	22:59	
33.700	1135.364	23: 1	
33.733	1136.837	23: 3	
33.767	1135.364	23: 5	
33.800	1132.662	23: 7	
33.833	1130.943	23: 9	
33.867	1132.171	23:11	
33.900	1132.908	23:13	
33.933	1135.855	23:15	
33.967	1136.346	23:17	
34.000	1139.293	23:19	
34.033	1140.275	23:21	
34.067	1143.222	23:23	
34.100	1144.941	23:25	
34.133	1145.924	23:27	
34.167	1144.450	23:29	
34.200	1144.941	23:31	
34.233	1145.433	23:33	
34.267	1142.240	23:35	
34.300	1136.837	23:37	
34.333	1133.644	23:39	
34.367	1130.206	23:41	
34.400	1130.452	23:43	
34.433	1132.171	23:45	

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DELTA TIME	PRESSURE	TIME	DATE
34.467	1135.609	23:47	12- 7-80
34.500	1141.994	23:49	
34.533	1144.941	23:51	
34.567	1149.362	23:53	
34.600	1151.572	23:55	
34.633	1155.747	23:57	
34.667	1156.729	23:59	
34.700	1154.765	0: 1	13- 7-80
34.733	1151.572	0: 3	
34.767	1149.853	0: 5	
34.800	1146.660	0: 7	
34.833	1143.468	0: 9	
34.867	1137.083	0:11	
34.900	1131.925	0:13	
34.933	1130.206	0:15	
34.967	1131.434	0:17	
35.000	1132.417	0:19	
35.033	1133.153	0:21	
35.067	1133.153	0:23	
35.100	1136.100	0:25	
35.133	1137.574	0:27	
35.167	1139.538	0:29	
35.200	1143.468	0:31	
35.233	1146.660	0:33	
35.267	1148.871	0:35	
35.300	1149.116	0:37	
35.333	1147.152	0:39	
35.367	1145.678	0:41	
35.400	1141.994	0:43	
35.433	1136.100	0:45	
35.467	1133.399	0:47	
35.500	1131.680	0:49	
35.533	1129.715	0:51	
35.567	1127.259	0:53	
35.600	1123.330	0:55	
35.633	1120.874	0:57	
35.667	1126.277	0:59	
35.700	1132.662	1: 1	
35.733	1138.065	1: 3	
35.767	1141.994	1: 5	
35.800	1144.696	1: 7	
35.833	1146.169	1: 9	
35.867	1145.678	1:11	
35.900	1142.731	1:13	
35.933	1137.083	1:15	
35.967	1134.872	1:17	
36.000	1130.206	1:19	

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COMPLETION TEST NO. 4. RUN NO. 5. GAUGE SENSING DEPTH - 1566.5 M.

DELTA TIME	PRESSURE	TIME	DATE
36.033	1124.067	1:21	13- 7-80
36.067	1122.839	1:23	
36.100	1121.856	1:25	
36.133	1120.628	1:27	
36.167	1122.102	1:29	
36.200	1123.330	1:31	
36.233	1126.277	1:33	
36.267	1130.206	1:35	
36.300	1135.855	1:37	
36.333	1143.222	1:39	
36.367	1147.397	1:41	
36.400	1150.835	1:43	
36.433	1151.818	1:45	
36.467	1151.327	1:47	
36.500	1148.380	1:49	
36.533	1145.678	1:51	
36.567	1141.258	1:53	
36.600	1134.627	1:55	
36.633	1133.644	1:57	
36.667	1130.697	1:59	
36.700	1128.487	2: 1	
36.733	1125.295	2: 3	
36.767	1123.084	2: 5	
36.800	1123.575	2: 7	
36.833	1127.014	2: 9	
36.867	1132.662	2:11	
36.900	1140.030	2:13	
36.933	1143.222	2:15	
36.967	1147.888	2:17	
37.000	1148.625	2:19	
37.033	1146.660	2:21	
37.067	1140.521	2:23	
37.100	1137.083	2:25	
37.133	1134.627	2:27	
37.167	1129.715	2:29	
37.200	1125.049	2:31	
37.233	1125.540	2:33	
37.267	1123.330	2:35	
37.300	1121.365	2:37	
37.333	1122.593	2:39	
37.367	1126.277	2:41	
37.400	1128.733	2:43	
37.433	1131.189	2:45	
37.467	1133.153	2:47	
37.500	1133.153	2:49	
37.533	1136.346	2:51	
37.567	1138.802	2:53	

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COMPLETION TEST NO. 4. RUN NO. 5. GAUGE SENSING DEPTH - 1566.5 M.

DELTA TIME	PRESSURE	TIME	DATE
37.600	1141.749	2:55	13- 7-80
37.633	1141.749	2:57	
37.667	1139.293	2:59	
37.700	1134.381	3: 1	
37.733	1133.153	3: 3	
37.767	1129.224	3: 5	
37.800	1123.575	3: 7	
37.833	1120.137	3: 9	
37.867	1119.155	3:11	
37.900	1120.383	3:13	
37.933	1122.593	3:15	
37.967	1125.786	3:17	
38.000	1129.715	3:19	
38.033	1134.136	3:21	
38.067	1135.855	3:23	
38.100	1136.346	3:25	
38.133	1137.083	3:27	
38.167	1133.644	3:29	
38.200	1134.627	3:31	
38.233	1130.697	3:33	
38.267	1124.067	3:35	
38.300	1124.558	3:37	
38.333	1121.611	3:39	
38.367	1119.401	3:41	
38.400	1114.980	3:43	
38.433	1113.015	3:45	
38.467	1113.015	3:47	
38.500	1115.471	3:49	
38.533	1117.681	3:51	
38.567	1120.874	3:53	
38.600	1124.558	3:55	
38.633	1127.996	3:57	
38.667	1130.452	3:59	
38.700	1130.452	4: 1	
38.733	1128.242	4: 3	
38.767	1122.593	4: 5	
38.800	1124.803	4: 7	
38.833	1124.803	4: 9	
38.867	1118.664	4:11	
38.900	1112.770	4:13	
38.933	1112.033	4:15	
38.967	1113.752	4:17	
39.000	1113.998	4:19	
39.033	1114.980	4:21	
39.067	1119.155	4:23	
39.100	1123.575	4:25	
39.133	1127.996	4:27	

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COMPLETION TEST NO. 4. RUN NO. 5. GAUGE SENSING DEPTH - 1566.5 M.

DELTA TIME	PRESSURE	TIME	DATE
39.167	1131.434	4:29	13- 7-80
39.200	1135.118	4:31	
39.233	1134.627	4:33	
39.267	1134.627	4:35	
39.300	1137.083	4:37	
39.333	1136.100	4:39	
39.367	1132.171	4:41	
39.400	1125.049	4:43	
39.433	1126.522	4:45	
39.467	1122.839	4:47	
39.500	1120.874	4:49	
39.533	1118.664	4:51	
39.567	1117.436	4:53	
39.600	1118.909	4:55	
39.633	1119.892	4:57	
39.667	1123.575	4:59	
39.700	1128.733	5: 1	
39.733	1130.697	5: 3	
39.767	1133.399	5: 5	
39.800	1135.609	5: 7	
39.833	1132.908	5: 9	
39.867	1129.961	5:11	
39.900	1130.943	5:13	
39.933	1127.259	5:15	
39.967	1119.646	5:17	
40.000	1118.664	5:19	
40.033	1117.436	5:21	
40.067	1117.190	5:23	
40.100	1117.927	5:25	
40.133	1117.681	5:27	
40.167	1121.365	5:29	
40.200	1122.348	5:31	
40.233	1123.084	5:33	
40.267	1127.750	5:35	
40.300	1131.189	5:37	
40.333	1133.153	5:39	
40.367	1136.100	5:41	
40.400	1137.083	5:43	
40.433	1136.100	5:45	
40.467	1132.908	5:47	
40.500	1136.591	5:49	
40.533	1133.890	5:51	
40.567	1131.189	5:53	
40.600	1126.522	5:55	
40.633	1125.049	5:57	
40.667	1124.558	5:59	
40.700	1125.295	6: 1	

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COMPLETION TEST NO. 4. RUN NO. 5. GAUGE SENSING DEPTH - 1566.5 M.

DELTA TIME	PRESSURE	TIME	DATE
40.733	1127.996	6: 3	13- 7-80
40.767	1133.153	6: 5	
40.800	1137.574	6: 7	
40.833	1142.977	6: 9	
40.867	1144.205	6:11	
40.900	1149.380	6:13	
40.933	1149.134	6:15	
40.967	1147.888	6:17	
41.000	1145.433	6:19	
41.033	1140.521	6:21	
41.067	1140.030	6:23	
41.100	1132.171	6:25	
41.133	1127.505	6:27	
41.167	1124.803	6:29	
41.200	1126.277	6:31	
41.233	1130.452	6:33	
41.267	1131.680	6:35	
41.300	1127.014	6:37	
41.333	1124.803	6:39	
41.367	1124.067	6:41	
41.400	1121.611	6:43	
41.433	1124.067	6:45	
41.467	1124.558	6:47	
41.500	1127.996	6:49	
41.533	1128.978	6:51	
41.567	1126.031	6:53	
41.600	1128.733	6:55	
41.633	1126.768	6:57	
41.667	1126.031	6:59	
41.700	1122.593	7: 0	
41.733	1120.383	7: 3	
41.767	1120.383	7: 5	
41.800	1124.312	7: 7	
41.833	1124.803	7: 9	
41.867	1129.469	7:11	
41.900	1125.049	7:13	
41.933	1128.978	7:15	
41.967	1138.556	7:17	
42.000	1142.485	7:19	
42.033	1147.643	7:21	
42.067	1150.099	7:23	
42.100	1149.853	7:25	
42.133	1145.924	7:27	
42.167	1144.450	7:29	
42.200	1145.678	7:31	
42.233	1146.660	7:33	
42.267	1148.625	7:35	

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COMPLETION TEST NO. 4. RUN NO. 5. GAUGE SENSING DEPTH - 1566.5 M.

DELTA TIME	PRESSURE	TIME	DATE
42.300	1149.853	7:37	13- 7-80
42.333	1146.415	7:39	
42.367	1142.977	7:41	
42.400	1143.468	7:43	
42.433	1142.485	7:45	
42.467	1138.556	7:47	
42.500	1140.030	7:49	
42.533	1140.521	7:51	
42.567	1138.556	7:53	
42.600	1136.837	7:55	
42.633	1137.083	7:57	
42.667	1138.556	7:59	
42.700	1136.837	8: 1	
42.733	1136.591	8: 3	
42.767	1134.136	8: 5	
42.800	1134.627	8: 7	
42.833	1135.855	8: 9	
42.867	1136.837	8:11	
42.900	1134.627	8:13	
42.933	1132.417	8:15	
42.967	1132.662	8:17	
43.000	1132.171	8:19	
43.033	1129.469	8:21	
43.067	1129.715	8:23	
43.100	1133.153	8:25	
43.133	1137.328	8:27	
43.167	1140.030	8:29	
43.200	1142.731	8:31	
43.233	1144.450	8:33	
43.267	1142.731	8:35	
43.300	1143.959	8:37	
43.333	1142.977	8:39	
43.367	1141.258	8:41	
43.400	1139.538	8:43	
43.433	1138.311	8:45	
43.467	1139.293	8:47	
43.500	1141.012	8:49	
43.533	1140.521	8:51	
43.567	1139.538	8:53	
43.600	1137.328	8:55	
43.633	1138.311	8:57	
43.667	1138.556	8:59	
43.700	1139.047	9: 1	
43.733	1139.293	9: 3	
43.767	1137.328	9: 5	
43.800	1139.538	9: 7	
43.833	1137.819	9: 9	

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DELTA TIME	PRESSURE	TIME	DATE
43.867	1135.118	9:11	13- 7-80
43.900	1133.890	9:13	
43.933	1134.872	9:15	
43.967	1135.364	9:17	
44.000	1133.890	9:19	
44.033	1131.189	9:21	
44.067	1130.697	9:23	
44.100	1133.153	9:25	
44.133	1132.171	9:27	
44.167	1130.452	9:29	
44.200	1129.224	9:31	
44.233	1128.978	9:33	
44.267	1129.224	9:35	
44.300	1129.224	9:37	
44.333	1128.242	9:39	
44.367	1128.733	9:41	
44.400	1132.417	9:43	
44.433	1130.452	9:45	
44.467	1134.136	9:47	
44.500	1134.627	9:49	
44.533	1135.118	9:51	
44.567	1134.381	9:53	
44.600	1134.872	9:55	
44.633	1133.644	9:57	
44.667	1133.399	9:59	
44.700	1134.381	10: 1	WELL SHUT IN AT 10.01

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COMPLETION TEST NO. 4. RUN NO. 5. GAUGE SENSING DEPTH - 1566.5 M.

DELTA TIME	PRESSURE	TIME	DATE
0.000	1134.381	10: 1	13- 7-80 WELL SHUT IN AT 10.01
0.033	1168.272	10: 3	
0.067	1199.952	10: 5	
0.100	1229.177	10: 7	
0.133	1258.893	10: 9	
0.167	1288.854	10:11	
0.200	1314.886	10:13	
0.233	1341.164	10:15	
0.267	1367.687	10:17	
0.300	1394.210	10:19	
0.333	1420.979	10:21	
0.367	1446.274	10:23	
0.400	1472.797	10:25	
0.433	1498.829	10:27	
0.467	1524.125	10:29	
0.500	1547.946	10:31	
0.533	1572.014	10:33	
0.567	1597.554	10:35	
0.600	1621.622	10:37	
0.633	1645.444	10:39	
0.667	1668.774	10:41	
0.700	1691.614	10:43	
0.733	1714.699	10:45	
0.767	1737.047	10:47	
0.800	1758.167	10:49	
0.833	1779.533	10:51	
0.867	1800.653	10:53	
0.900	1821.774	10:55	
0.933	1842.403	10:57	
0.967	1862.050	10:59	
1.000	1881.696	11: 1	
1.033	1900.361	11: 3	
1.067	1919.271	11: 5	
1.100	1937.690	11: 7	
1.133	1955.372	11: 9	
1.167	1972.317	11:11	
1.200	1988.771	11:13	
1.233	2004.980	11:15	
1.267	2020.697	11:17	
1.300	2035.678	11:19	
1.333	2050.168	11:21	
1.367	2063.675	11:23	
1.400	2076.691	11:25	
1.433	2088.970	11:27	
1.467	2100.513	11:29	
1.500	2112.301	11:31	

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COMPLETION TEST NO. 4. RUN NO. 5. GAUGE SENSING DEPTH - 1566.5 M.

DELTA TIME	PRESSURE	TIME	DATE
1.533	2122.861	11:33	13- 7-80
1.567	2132.930	11:35	
1.600	2143.244	11:37	
1.633	2152.085	11:39	
1.667	2160.681	11:41	
1.700	2168.294	11:43	
1.733	2175.907	11:45	
1.767	2183.520	11:47	
1.800	2189.906	11:49	
1.833	2196.045	11:51	
1.867	2201.448	11:53	
1.900	2206.851	11:55	
1.933	2211.763	11:57	
1.967	2216.183	11:59	
2.000	2220.358	12: 1	
2.033	2224.042	12: 3	
2.067	2227.480	12: 5	
2.100	2230.181	12: 7	
2.133	2233.128	12: 9	
2.167	2235.584	12:11	
2.200	2237.303	12:13	
2.233	2239.759	12:15	
2.267	2241.724	12:17	
2.300	2242.952	12:19	
2.333	2244.425	12:21	
2.367	2245.653	12:23	
2.400	2246.390	12:25	
2.433	2247.127	12:27	
2.467	2248.355	12:29	
2.500	2248.600	12:31	
2.533	2249.091	12:33	
2.567	2249.337	12:35	
2.600	2249.583	12:37	
2.633	2250.565	12:39	
2.667	2250.565	12:41	
2.700	2250.811	12:43	
2.733	2251.302	12:45	
2.767	2251.547	12:47	
2.800	2252.039	12:49	
2.833	2252.039	12:51	
2.867	2252.284	12:53	
2.900	2252.284	12:55	
2.933	2252.530	12:57	
2.967	2253.021	12:59	
3.000	2253.021	13: 1	
3.033	2252.775	13: 3	
3.067	2253.266	13: 5	

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COMPLETION TEST NO. 4. RUN NO. 5. GAUGE SENSING DEPTH - 1566.5 M.

DELTA TIME	PRESSURE	TIME	DATE
3.100	2253.266	13: 7	13- 7-80
3.133	2253.512	13: 9	
3.167	2254.003	13:11	
3.200	2254.249	13:13	
3.233	2254.494	13:15	
3.267	2254.494	13:17	
3.300	2254.494	13:19	
3.333	2254.494	13:21	
3.367	2254.986	13:23	
3.400	2254.986	13:25	
3.433	2254.986	13:27	
3.467	2255.231	13:29	
3.500	2254.986	13:31	
3.533	2254.986	13:33	
3.567	2254.986	13:35	
3.600	2254.740	13:37	
3.633	2254.986	13:39	
3.667	2254.986	13:41	
3.700	2254.986	13:43	
3.733	2254.986	13:45	
3.767	2254.986	13:47	
3.800	2254.986	13:49	
3.833	2254.986	13:51	
3.867	2254.740	13:53	
3.900	2254.986	13:55	
3.933	2232.883	13:57	
3.967	2234.356	13:59	
4.000	2237.549	14:01	
4.033	2240.496	14:03	
4.067	2242.952	14:05	
4.100	2245.899	14:07	
4.133	2248.109	14:09	
4.167	2251.547	14:11	
4.200	2251.547	14:13	

GAUGES OFF BOTTOM AT 14.14