

Denne rapport  
tilhører

 **STATOIL**

**L&U DOK. SENTER**

L. NR. 302841100021

KODE Well 31/2-2 nr 37

Returneres etter bruk

**Sperry**

**International, inc.**

PRESSURE SURVEY REPORT

for

NORSKE SHELL A/S

WELL NO. 31/2-2

DATE: 8 JULY 1980

TEST NO. 4, RUN NO.2



(A Sperry-Sun Company)

**Precision Instruments/Professional Service**

## PRESSURE TEST DATA SUMMARY

COMPANY: A/S NORSKE SHELL DATE: 8 JULY 1980

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

TEST TYPE: PRODUCTION TEST NO: 4 RUN NO: 2 MAX B.H.T. 162 °F

PERFORATION INTERVAL: \_\_\_\_\_ ZONE: \_\_\_\_\_

	TOP	MIDDLE	BOTTOM
GAUGE TYPE/NO.	<u>MRPG 0016</u>	_____	<u>MRPG 0031</u>
PRESSURE SENSING DEPTH	<u>1563.5 M</u>	_____	<u>1566.5 M</u>
ELEMENT SIZE	<u>5000 PSI</u>	_____	<u>5000 PSI</u>
TIME MODE	<u>4 MIN</u>	_____	<u>4 MIN</u>
BATTERY TYPE	<u>ALKALINE</u>	_____	<u>ALKALINE</u>

EVENT	SURFACE TIMES & DATES		TEMP. °
GAUGES IN LUBRICATOR	22:00	5/7/80	
SWAB VALVE OPEN	22:28	"	
START IN HOLE	22:58	"	59
GRADIENT STOP AT 960 METRES	23:13-23:43	"	114
" " " 1260 "	23:49-00:19	6/7/80	141
GAUGES ON BOTTOM	00:25	"	160
WELL FLOWING ON 32/64 CHOKE			
WELL SHUT IN	14:06	"	160
WELL OPENED FOR ACIDIZING	14:57	"	160
START PUMPING ACID	15:18	"	160
STOP PUMPING ACID	18:55	"	143
WELL OPEN ON 32/64 CHOKE	19:30	"	143
CHANGE TO 40/64 ADJ. CHOKE	10:02	7/7/80	160
" 40/64 POS. "	10:06	"	160
" 48/64 ADJ. "	14:00	"	160
" 48/64 POS. "	14:11	"	160
GAUGES OF BOTTOM	17:54	8/7/80	161
GRADIENT STOP AT 1260 METERS	17:58-18:28	"	N/A
" " 960 "	18:31-19:01	"	N/A
STOP IN LUBRICATOR	19:15-19:46	"	N/A
GAUGES OUT OF STRING	20:00	"	N/A

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

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





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COMPLETION TEST NO. 4. RUN NO. 2. GAUGE SENSING DEPTH - 1563.5 M.

DELTA TIME	PRESSURE	TIME	DATE	
0.000	959.781	0:26	6-7-80	GAUGES ON BOTTOM
0.067	1037.270	0:30		WELL FLOWING ON 32/64" CHOKE
0.133	1043.546	0:34		
0.200	1073.239	0:38		
0.267	1094.723	0:42		
0.333	1118.380	0:46		
0.400	1134.796	0:50		
0.467	1152.901	0:54		
0.533	1157.970	0:58		
0.600	1142.279	1: 2		
0.667	1110.414	1: 6		
0.733	1072.032	1:10		
0.800	1047.167	1:14		
0.867	1030.994	1:18		
0.933	1040.891	1:22		
1.000	1043.788	1:26		
1.067	1052.961	1:30		
1.133	1064.065	1:34		
1.200	1072.514	1:38		
1.267	1082.412	1:42		
1.333	1086.757	1:46		
1.400	1104.379	1:50		
1.467	1109.449	1:54		
1.533	1121.036	1:58		
1.600	1129.002	2: 2		
1.667	1129.243	2: 6		
1.733	1125.381	2:10		
1.800	1113.794	2:14		
1.867	1101.482	2:18		
1.933	1092.792	2:22		
2.000	1083.860	2:26		
2.067	1080.963	2:30		
2.133	1083.860	2:34		
2.200	1084.584	2:38		
2.267	1087.481	2:42		
2.333	1089.654	2:46		
2.400	1087.240	2:50		
2.467	1083.377	2:54		
2.533	1086.516	2:58		
2.600	1088.688	3: 2		
2.667	1086.998	3: 6		
2.733	1093.516	3:10		
2.800	1096.172	3:14		
2.867	1093.999	3:18		
2.933	1090.619	3:22		
3.000	1085.067	3:26		

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COMPLETION TEST NO. 4. RUN NO. 2. GAUGE SENSING DEPTH - 1563.5 M.

DELTA TIME	PRESSURE	TIME	DATE
3.067	1081.446	3:30	6-7-80
3.133	1081.205	3:34	
3.200	1079.756	3:38	
3.267	1076.860	3:42	
3.333	1074.446	3:46	
3.400	1072.997	3:50	
3.467	1070.100	3:54	
3.533	1072.032	3:58	
3.600	1072.997	4: 2	
3.667	1070.825	4: 6	
3.733	1068.169	4:10	
3.800	1069.135	4:14	
3.867	1073.239	4:18	
3.933	1073.239	4:22	
4.000	1070.100	4:26	
4.067	1068.411	4:30	
4.133	1072.756	4:34	
4.200	1073.239	4:38	
4.267	1071.549	4:42	
4.333	1068.652	4:46	
4.400	1070.825	4:50	
4.467	1071.307	4:54	
4.533	1069.859	4:58	
4.600	1067.445	5: 2	
4.667	1063.824	5: 6	
4.733	1064.548	5:10	
4.800	1067.445	5:14	
4.867	1067.445	5:18	
4.933	1064.790	5:22	
5.000	1061.169	5:26	
5.067	1065.272	5:30	
5.133	1067.204	5:34	
5.200	1065.514	5:38	
5.267	1061.893	5:42	
5.333	1064.307	5:46	
5.400	1066.962	5:50	
5.467	1065.272	5:54	
5.533	1060.686	5:58	
5.600	1061.651	6: 2	
5.667	1065.272	6: 6	
5.733	1065.514	6:10	
5.800	1063.824	6:14	
5.867	1059.720	6:18	
5.933	1065.272	6:22	
6.000	1067.686	6:26	
6.067	1065.272	6:30	
6.133	1067.445	6:34	

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COMPLETION TEST NO. 4. RUN NO. 2. GAUGE SENSING DEPTH - 1563.5 M.

DELTA TIME	PRESSURE	TIME	DATE
6.200	1072.273	6:38	6-7-80
6.267	1074.687	6:42	
6.333	1071.549	6:46	
6.467	1072.514	6:54	
6.533	1070.825	6:58	
6.600	1067.445	7: 2	
6.667	1062.376	7: 6	
6.733	1064.307	7:10	
6.800	1067.928	7:14	
6.867	1066.479	7:18	
6.933	1062.617	7:22	
7.000	1059.962	7:26	
7.067	1063.341	7:30	
7.133	1064.065	7:34	
7.267	1058.755	7:42	
7.333	1063.824	7:46	
7.400	1064.548	7:50	
7.467	1063.341	7:54	
7.533	1060.686	7:58	
7.600	1065.514	8: 2	
7.667	1067.204	8: 6	
7.733	1063.824	8:10	
7.867	1065.997	8:18	
7.933	1067.928	8:22	
8.000	1064.548	8:26	
8.067	1062.858	8:30	
8.133	1067.445	8:34	
8.200	1065.997	8:38	
8.267	1063.824	8:42	
8.333	1064.548	8:46	
8.400	1069.618	8:50	
8.467	1068.652	8:54	
8.600	1070.100	9: 2	
8.667	1069.376	9: 6	
8.733	1065.514	9:10	
8.867	1066.962	9:18	
8.933	1067.445	9:22	
9.000	1065.272	9:26	
9.067	1060.444	9:30	
9.133	1064.307	9:34	
9.200	1065.755	9:38	
9.267	1062.617	9:42	
9.333	1057.306	9:46	
9.400	1059.720	9:50	
9.467	1061.169	9:54	
9.533	1058.513	9:58	
9.600	1056.823	10: 2	

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DELTA TIME	PRESSURE	TIME	DATE
9.667	1063.100	10: 6	6- 7-80
9.733	1065.514	10:10	
9.800	1066.238	10:14	
9.867	1072.997	10:18	
9.933	1077.342	10:22	
10.000	1079.515	10:26	
10.067	1084.826	10:30	
10.133	1084.584	10:34	
10.200	1081.205	10:38	
10.333	1077.342	10:46	
10.400	1076.860	10:50	
10.467	1074.446	10:54	
10.533	1070.825	10:58	
10.600	1065.272	11: 2	
10.733	1065.997	11:10	
10.800	1066.238	11:14	
10.867	1061.651	11:18	
10.933	1055.134	11:22	
11.000	1066.479	11:26	
11.067	1066.721	11:30	
11.267	1074.928	11:42	
11.333	1076.135	11:46	
11.400	1080.239	11:50	
11.467	1085.550	11:54	
11.533	1086.516	11:58	
11.600	1087.481	12: 2	
11.667	1090.619	12: 6	
11.733	1092.551	12:10	
11.800	1092.309	12:14	
11.867	1092.792	12:18	
11.933	1094.240	12:22	
12.000	1090.378	12:26	
12.067	1086.516	12:30	
12.133	1080.239	12:34	
12.200	1082.170	12:38	
12.267	1078.549	12:42	
12.333	1075.894	12:46	
12.400	1070.825	12:50	
12.467	1069.618	12:54	
12.533	1072.756	12:58	
12.600	1073.963	13: 2	
12.667	1071.790	13: 6	
12.733	1073.480	13:10	
12.800	1077.101	13:14	
12.867	1081.688	13:18	
12.933	1083.136	13:22	
13.000	1082.653	13:26	



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COMPLETION TEST NO. 4. RUN NO. 2. GAUGE SENSING DEPTH - 1563.5 M.

DELTA TIME	PRESSURE	TIME	DATE
13.067	1082.895	13:30	6-7-80
13.133	1083.136	13:34	
13.200	1084.343	13:38	
13.267	1084.343	13:42	
13.333	1083.860	13:46	
13.400	1081.446	13:50	
13.467	1082.170	13:54	
13.533	1086.516	13:58	
13.600	1087.723	14: 2	
13.667	1083.860	14: 6	

WELL SHUT IN  
START ACIDIZING

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COMPLETION TEST NO. 4. RUN NO. 2. GAUGE SENSING DEPTH - 1563.5 M.

DELTA TIME	PRESSURE	TIME	DATE
0.000	1083.860	14: 6	6- 7-80 START ACIDIZING
0.067	1116.932	14:10	
0.133	1178.730	14:14	
0.200	1241.012	14:18	
0.267	1302.086	14:22	
0.333	1370.402	14:26	
0.400	1428.338	14:30	
0.467	1483.377	14:34	
0.533	1537.692	14:38	
0.600	1589.835	14:42	
0.667	1641.977	14:46	
0.733	1687.360	14:50	
0.800	1711.259	14:54	WELL OPENED FOR ACIDIZING
0.933	1800.818	15: 2	
1.000	1911.138	15: 6	
1.133	2664.548	15:14	START PUMPING ACID
1.200	2603.715	15:18	
1.267	2898.465	15:22	
1.333	3204.319	15:26	
1.400	3253.081	15:30	
1.467	2875.532	15:34	
1.533	3202.629	15:38	
1.600	3262.737	15:42	
1.667	3306.189	15:46	
1.733	3380.299	15:50	
1.800	3430.028	15:54	
1.867	3516.208	15:58	
1.933	3501.724	16: 2	
2.000	3538.416	16: 6	
2.067	3512.828	16:10	
2.133	3514.035	16:14	
2.200	3309.569	16:18	
2.267	3499.310	16:22	
2.333	3444.995	16:26	
2.400	3445.719	16:30	
2.467	3380.299	16:34	
2.533	3413.613	16:38	
2.600	3459.479	16:42	
2.667	3411.199	16:46	
2.733	3430.511	16:50	
2.800	3477.101	16:54	
2.867	3502.931	16:58	
2.933	2478.429	17: 2	
3.000	2366.660	17: 6	
3.067	2316.932	17:10	
3.133	3400.818	17:14	

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COMPLETION TEST NO. 4. RUN NO. 2. GAUGE SENSING DEPTH - 1563.5 M.

DELTA TIME	PRESSURE	TIME	DATE
3.200	3495.930	17:18	6-7-80
3.267	3508.241	17:22	
3.333	3491.826	17:26	
3.400	3496.654	17:30	
3.467	3516.690	17:34	
3.533	3515.725	17:38	
3.600	3525.864	17:42	
3.667	3530.450	17:46	
3.733	3513.552	17:50	
3.800	3496.413	17:54	
3.867	3492.550	17:58	
3.933	3497.861	18: 2	
4.000	3493.999	18: 6	
4.067	3506.552	18:10	
4.133	3505.345	18:14	
4.200	3508.724	18:18	
4.333	3567.517	18:26	
4.400	3512.104	18:30	
4.467	3444.512	18:34	
4.533	3520.553	18:38	
4.600	3495.689	18:42	
4.667	3505.827	18:46	
4.733	3506.310	18:50	
4.800	3493.999	18:54	
4.867	2701.965	18:58	
4.933	2276.618	19: 2	
5.000	2293.516	19: 6	
5.067	2291.826	19:10	
5.133	2285.550	19:14	
5.200	2281.687	19:18	
5.267	2277.584	19:22	
5.333	2274.687	19:26	
5.400	2273.238	19:30	

STOP PUMPING ACID

WELL OPENED

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DELTA TIME	PRESSURE	TIME	DATE
0.000	2273.238	19:30	6-7-80 WELL OPENED
0.067	1863.824	19:34	ON 32/64" CHOKE
0.133	1856.340	19:38	
0.200	1853.685	19:42	
0.267	1853.926	19:46	
0.333	1857.065	19:50	
0.400	1856.582	19:54	
0.467	1857.306	19:58	
0.533	1858.996	20: 2	
0.600	1859.962	20: 6	
0.667	1858.996	20:10	
0.733	1859.479	20:14	
0.800	1859.237	20:18	
0.867	1859.479	20:22	
0.933	1860.203	20:26	
1.000	1860.444	20:30	
1.067	1860.927	20:34	
1.133	1862.134	20:38	
1.200	1862.617	20:42	
1.267	1863.341	20:46	
1.333	1863.100	20:50	
1.400	1863.341	20:54	
1.467	1863.100	20:58	
1.533	1863.824	21: 2	
1.600	1864.790	21: 6	
1.667	1866.721	21:10	
1.733	1869.135	21:14	
1.800	1870.825	21:18	
1.867	1872.756	21:22	
1.933	1876.377	21:26	
2.000	1879.756	21:30	
2.067	1882.170	21:34	
2.133	1882.412	21:38	
2.200	1885.067	21:42	
2.267	1887.240	21:46	
2.333	1886.033	21:50	
2.400	1888.930	21:54	
2.467	1890.137	21:58	
2.533	1893.033	22: 2	
2.600	1891.102	22: 6	
2.667	1888.447	22:10	
2.733	1887.481	22:14	
2.800	1884.343	22:18	
2.867	1881.688	22:22	
2.933	1881.205	22:26	
3.000	1877.101	22:30	

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COMPLETION TEST NO. 4. RUN NO. 2. GAUGE SENSING DEPTH - 1563.5 M.

DELTA TIME	PRESSURE	TIME	DATE
3.067	1894.102	22:34	6- 7-80
3.133	1851.271	22:38	
3.200	1816.268	22:42	
3.267	1782.231	22:46	
3.333	1752.056	22:50	
3.400	1716.097	22:54	
3.467	1687.360	22:58	
3.533	1668.048	23: 2	
3.600	1651.633	23: 6	
3.667	1643.426	23:10	
3.733	1632.080	23:14	
3.800	1627.493	23:18	
3.867	1623.148	23:22	
3.933	1621.217	23:26	
4.000	1616.872	23:30	
4.067	1620.251	23:34	
4.133	1625.079	23:38	
4.200	1635.218	23:42	
4.333	1653.323	23:50	
4.400	1665.152	23:54	
4.467	1668.048	23:58	
4.533	1664.910	0: 2	7- 7-80
4.600	1663.945	0: 6	
4.667	1656.461	0:10	
4.733	1646.322	0:14	
4.800	1638.115	0:18	
4.867	1622.424	0:22	
4.933	1601.905	0:26	
5.000	1591.042	0:30	
5.067	1581.869	0:34	
5.133	1567.143	0:38	
5.200	1556.039	0:42	
5.267	1544.210	0:46	
5.333	1536.968	0:50	
5.400	1527.795	0:54	
5.467	1519.346	0:58	
5.533	1515.725	1: 2	
5.600	1509.690	1: 6	
5.667	1509.931	1:10	
5.733	1511.380	1:14	
5.800	1515.966	1:18	
5.867	1521.036	1:22	
5.933	1527.312	1:26	
6.000	1531.416	1:30	
6.067	1537.934	1:34	
6.133	1538.899	1:38	
6.267	1535.761	1:46	

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COMPLETION TEST NO. 4. RUN NO. 2. GAUGE SENSING DEPTH - 1563.5 M.

DELTA TIME	PRESSURE	TIME	DATE
6.333	1531.657	1:50	7- 7-80
6.400	1523.450	1:54	
6.467	1515.725	1:58	
6.533	1507.759	2: 2	
6.600	1496.413	2: 6	
6.667	1486.274	2:10	
6.733	1477.825	2:14	
6.800	1470.100	2:18	
6.867	1465.031	2:22	
6.933	1458.513	2:26	
7.000	1452.720	2:30	
7.067	1449.823	2:34	
7.133	1447.892	2:38	
7.200	1445.236	2:42	
7.267	1451.513	2:46	
7.333	1453.202	2:50	
7.400	1454.168	2:54	
7.467	1457.065	2:58	
7.533	1461.169	3: 2	
7.600	1463.100	3: 6	
7.667	1456.582	3:10	
7.733	1454.651	3:14	
7.800	1451.754	3:18	
7.867	1449.340	3:22	
7.933	1440.891	3:26	
8.000	1437.511	3:30	
8.067	1430.994	3:34	
8.133	1417.234	3:38	
8.200	1414.337	3:42	
8.267	1402.750	3:46	
8.333	1403.233	3:50	
8.400	1402.026	3:54	
8.467	1395.749	3:58	
8.533	1395.025	4: 2	
8.600	1398.405	4: 6	
8.667	1399.129	4:10	
8.733	1402.750	4:14	
8.800	1408.061	4:18	
8.867	1408.543	4:22	
8.933	1400.577	4:26	
9.000	1409.992	4:30	
9.067	1406.371	4:34	
9.133	1410.233	4:38	
9.200	1405.164	4:42	
9.267	1404.198	4:46	
9.333	1403.957	4:50	
9.400	1398.163	4:54	

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COMPLETION TEST NO. 4. RUN NO. 2. GAUGE SENSING DEPTH - 1563.5 M.

DELTA TIME	PRESSURE	TIME	DATE
9.467	1389.473	4:58	7-7-80
9.533	1387.059	5: 2	
9.600	1389.473	5: 6	
9.667	1386.576	5:10	
9.733	1387.542	5:14	
9.800	1388.507	5:18	
9.867	1387.300	5:22	
9.933	1388.749	5:26	
10.000	1390.438	5:30	
10.067	1388.990	5:34	
10.133	1388.507	5:38	
10.200	1389.714	5:42	
10.267	1388.507	5:46	
10.333	1392.128	5:50	
10.400	1384.403	5:54	
10.467	1375.713	5:58	
10.533	1374.264	6: 2	
10.600	1375.713	6: 6	
10.667	1367.747	6:10	
10.733	1366.540	6:14	
10.800	1360.263	6:18	
10.867	1357.366	6:22	
10.933	1363.401	6:26	
11.000	1347.469	6:30	
11.067	1357.608	6:34	
11.133	1364.126	6:38	
11.200	1362.677	6:42	
11.267	1361.712	6:46	
11.333	1367.747	6:50	
11.400	1360.263	6:54	
11.467	1368.471	6:58	
11.533	1369.678	7: 2	
11.600	1363.884	7: 6	
11.667	1370.885	7:10	
11.733	1367.264	7:14	
11.800	1359.298	7:18	
11.867	1366.781	7:22	
11.933	1341.675	7:26	
12.000	1342.641	7:30	
12.067	1354.952	7:34	
12.133	1324.777	7:38	
12.200	1333.951	7:42	
12.267	1331.054	7:46	
12.333	1334.433	7:50	
12.400	1345.055	7:54	
12.467	1339.503	7:58	
12.533	1345.538	8: 2	

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COMPLETION TEST NO. 4. RUN NO. 2. GAUGE SENSING DEPTH - 1563.5 M.

DELTA TIME	PRESSURE	TIME	DATE
12.600	1365.815	8: 6	7- 7-80
12.667	1366.540	8:10	
12.733	1367.747	8:14	
12.800	1381.748	8:18	
12.867	1366.781	8:22	
12.933	1376.679	8:26	
13.000	1376.437	8:30	
13.067	1375.471	8:34	
13.133	1380.300	8:38	
13.200	1351.090	8:42	
13.267	1366.057	8:46	
13.333	1349.883	8:50	
13.400	1348.193	8:54	
13.533	1351.814	9: 2	
13.600	1349.642	9: 6	
13.667	1337.572	9:10	
13.733	1348.917	9:14	
13.800	1346.021	9:18	
13.867	1341.675	9:22	
13.933	1357.849	9:26	
14.000	1353.021	9:30	
14.067	1351.573	9:34	
14.133	1367.988	9:38	
14.200	1370.161	9:42	
14.267	1379.334	9:46	
14.333	1372.575	9:50	
14.400	1368.954	9:54	
14.467	1373.299	9:58	
14.533	1366.540	10: 2	CHANGE TO 40/64" ADJ. CHOKE
14.600	1325.260	10: 6	CHANGE TO 40/64" POS. CHOKE
14.667	1277.946	10:10	
14.733	1259.117	10:14	
14.800	1249.702	10:18	
14.867	1241.494	10:22	
15.000	1235.701	10:30	
15.067	1245.357	10:34	
15.133	1256.461	10:38	
15.200	1297.982	10:42	
15.267	1322.363	10:46	
15.400	1383.196	10:54	
15.467	1401.301	10:58	
15.533	1405.647	11: 2	
15.600	1400.577	11: 6	
15.667	1373.299	11:10	
15.800	1317.294	11:18	
15.867	1288.326	11:22	
15.933	1255.254	11:26	



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COMPLETION TEST NO. 4. RUN NO. 2. GAUGE SENSING DEPTH - 1563.5 M.

DELTA TIME	PRESSURE	TIME	DATE
16.067	1237.149	11:34	7- 7-80
16.133	1233.045	11:38	
16.200	1239.563	11:42	
16.267	1242.943	11:46	
16.333	1239.322	11:50	
16.400	1237.391	11:54	
16.467	1244.150	11:58	
16.533	1264.186	12: 2	
16.600	1264.669	12: 6	
16.667	1295.568	12:10	
16.733	1307.879	12:14	
16.800	1312.466	12:18	
16.867	1310.535	12:22	
16.933	1278.187	12:26	
17.000	1258.151	12:30	
17.067	1252.357	12:34	
17.133	1244.391	12:38	
17.200	1233.045	12:42	
17.267	1227.735	12:46	
17.333	1221.458	12:50	
17.400	1220.734	12:54	
17.467	1214.699	12:58	
17.533	1205.767	13: 2	
17.600	1222.665	13: 6	
17.667	1221.700	13:10	
17.733	1230.631	13:14	
17.800	1251.150	13:18	
17.867	1268.531	13:22	
17.933	1280.360	13:26	
18.000	1282.291	13:30	
18.067	1284.464	13:34	
18.133	1283.981	13:38	
18.333	1249.219	13:50	
18.400	1240.770	13:54	
18.467	1231.597	13:58	
18.533	1225.321	14: 2	
18.600	1194.663	14: 6	
18.667	1181.627	14:10	
18.733	1167.143	14:14	
18.800	1161.108	14:18	
18.867	1152.901	14:22	
18.933	1156.522	14:26	
19.000	1145.659	14:30	
19.067	1150.245	14:34	
19.133	1186.938	14:38	
19.200	1211.078	14:42	
19.267	1252.599	14:46	

CHANGE TO 48/64" ADJ. CHOKE

CHANGE TO 48/64" POS. CHOKE

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COMPLETION TEST NO. 4. RUN NO. 2. GAUGE SENSING DEPTH - 1563.5 M.

DELTA TIME	PRESSURE	TIME	DATE
19.333	1261.531	14:50	7- 7-80
19.400	1284.464	14:54	
19.467	1299.913	14:58	
19.533	1300.637	15: 2	
19.600	1276.497	15: 6	
19.667	1257.185	15:10	
19.733	1229.666	15:14	
19.800	1225.079	15:18	
19.867	1198.525	15:22	
19.933	1176.075	15:26	
20.000	1161.832	15:30	
20.067	1155.797	15:34	
20.133	1157.970	15:38	
20.200	1163.281	15:42	
20.267	1164.729	15:46	
20.333	1158.694	15:50	
20.400	1156.039	15:54	
20.467	1161.832	15:58	
20.533	1166.902	16: 2	
20.600	1181.627	16: 6	
20.667	1198.284	16:10	
20.733	1226.528	16:14	
20.800	1244.391	16:18	
20.867	1241.977	16:22	
20.933	1220.734	16:26	
21.000	1199.732	16:30	
21.067	1180.420	16:34	
21.133	1176.558	16:38	
21.200	1163.522	16:42	
21.267	1150.004	16:46	
21.333	1140.106	16:50	
21.400	1143.727	16:54	
21.467	1143.486	16:58	
21.533	1150.004	17: 2	
21.600	1147.348	17: 6	
21.667	1146.624	17:10	
21.733	1152.176	17:14	
21.800	1155.556	17:18	
21.867	1178.972	17:22	
21.933	1206.733	17:26	
22.000	1240.770	17:30	
22.067	1260.082	17:34	
22.200	1234.011	17:42	
22.267	1211.319	17:46	
22.333	1190.318	17:50	
22.400	1169.799	17:54	
22.467	1160.384	17:58	

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COMPLETION TEST NO. 4. RUN NO. 2. GAUGE SENSING DEPTH - 1563.5 M.

DELTA TIME	PRESSURE	TIME	DATE
22.533	1144.934	18: 2	7- 7-80
22.600	1144.452	18: 6	
22.667	1141.313	18:10	
22.733	1135.761	18:14	
22.800	1143.436	18:18	
22.867	1145.176	18:22	
22.933	1153.866	18:26	
23.000	1147.107	18:30	
23.067	1146.383	18:34	
23.133	1157.246	18:38	
23.200	1183.317	18:42	
23.267	1219.044	18:46	
23.333	1245.598	18:50	
23.400	1241.494	18:54	
23.467	1237.873	18:58	
23.533	1212.044	19: 2	
23.600	1176.316	19: 6	
23.667	1157.487	19:10	
23.733	1148.073	19:14	
23.800	1138.417	19:18	
23.867	1132.140	19:22	
23.933	1130.933	19:26	
24.000	1131.416	19:30	
24.067	1137.451	19:34	
24.133	1144.452	19:38	
24.200	1146.383	19:42	
24.267	1150.487	19:46	
24.333	1153.866	19:50	
24.400	1167.143	19:54	
24.467	1204.077	19:58	
24.533	1246.805	20: 2	
24.600	1265.876	20: 6	
24.667	1269.014	20:10	
24.733	1254.289	20:14	
24.800	1226.528	20:18	
24.867	1186.938	20:22	
24.933	1159.418	20:26	
25.000	1145.659	20:30	
25.067	1133.106	20:34	
25.133	1125.381	20:38	
25.200	1122.967	20:42	
25.267	1130.209	20:46	
25.333	1139.865	20:50	
25.400	1147.107	20:54	
25.467	1154.590	20:58	
25.533	1172.454	21: 2	
25.600	1198.042	21: 6	

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COMPLETION TEST NO. 4. RUN NO. 2. GAUGE SENSING DEPTH - 1563.5 M.

DELTA TIME	PRESSURE	TIME	DATE
25.667	1230.149	21:10	7- 7-80
25.733	1260.324	21:14	
25.800	1291.223	21:18	
25.867	1307.155	21:22	
25.933	1307.879	21:26	
26.000	1287.843	21:30	
26.067	1240.770	21:34	
26.133	1186.455	21:38	
26.200	1158.694	21:42	
26.267	1145.659	21:46	
26.333	1133.589	21:50	
26.400	1128.761	21:54	
26.467	1127.795	21:58	
26.533	1136.968	22: 2	
26.600	1142.520	22: 6	
26.667	1161.591	22:10	
26.733	1177.523	22:14	
26.800	1216.872	22:18	
26.867	1241.012	22:22	
26.933	1280.601	22:26	
27.000	1318.018	22:30	
27.067	1357.849	22:34	
27.133	1375.471	22:38	
27.200	1362.194	22:42	
27.267	1334.433	22:46	
27.333	1296.051	22:50	
27.400	1231.838	22:54	
27.467	1180.179	22:58	
27.533	1156.522	23: 2	
27.600	1143.486	23: 6	
27.667	1133.589	23:10	
27.733	1135.761	23:14	
27.800	1143.245	23:18	
27.867	1156.763	23:22	
27.933	1037.511	23:26	
28.000	1172.213	23:30	
28.067	1210.595	23:34	
28.133	1237.873	23:38	
28.200	1294.361	23:42	
28.267	1346.262	23:46	
28.333	1395.991	23:50	
28.400	1433.408	23:54	
28.467	1436.063	23:58	
28.533	1419.165	0: 2	8- 7-80
28.600	1373.782	0: 6	
28.667	1323.088	0:10	
28.733	1241.736	0:14	

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COMPLETION TEST NO. 4. RUN NO. 2. GAUGE SENSING DEPTH - 1563.5 M.

DELTA TIME	PRESSURE	TIME	DATE
28.800	1185.490	0:18	8- 7-80
28.867	1158.936	0:22	
28.933	1143.245	0:26	
29.000	1139.382	0:30	
29.067	1144.934	0:34	
29.133	1145.417	0:38	
29.200	1156.522	0:42	
29.267	1174.144	0:46	
29.333	1199.732	0:50	
29.400	1250.185	0:54	
29.467	1303.534	0:58	
29.533	1349.642	1: 2	
29.600	1381.989	1: 6	
29.667	1378.127	1:10	
29.733	1347.952	1:14	
29.800	1286.636	1:18	
29.867	1224.838	1:22	
29.933	1186.938	1:26	
30.000	1159.177	1:30	
30.067	1138.658	1:34	
30.133	1130.933	1:38	
30.200	1131.899	1:42	
30.267	1134.071	1:46	
30.333	1138.899	1:50	
30.400	1157.729	1:54	
30.467	1186.455	1:58	
30.533	1205.767	2: 2	
30.600	1241.253	2: 6	
30.667	1262.013	2:10	
30.733	1270.945	2:14	
30.800	1254.047	2:18	
30.867	1205.526	2:22	
30.933	1172.454	2:26	
31.000	1155.556	2:30	
31.067	1142.762	2:34	
31.133	1130.933	2:38	
31.200	1124.415	2:42	
31.267	1124.898	2:46	
31.333	1129.243	2:50	
31.400	1135.037	2:54	
31.467	1145.659	2:58	
31.533	1169.074	3: 2	
31.600	1181.386	3: 6	
31.667	1187.662	3:10	
31.733	1188.869	3:14	
31.800	1174.868	3:18	
31.867	1158.211	3:22	

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COMPLETION TEST NO. 4. RUN NO. 2. GAUGE SENSING DEPTH - 1563.5 M.

DELTA TIME	PRESSURE	TIME	DATE
31.933	1145.900	3:26	8-7-80
32.000	1139.141	3:30	
32.067	1129.726	3:34	
32.133	1122.243	3:38	
32.200	1116.449	3:42	
32.267	1119.105	3:46	
32.333	1120.794	3:50	
32.400	1119.587	3:54	
32.467	1131.657	3:58	
32.533	1132.864	4: 2	
32.600	1136.727	4: 6	
32.667	1139.624	4:10	
32.733	1139.865	4:14	
32.800	1136.003	4:18	
32.867	1127.071	4:22	
32.933	1121.519	4:26	
33.000	1118.380	4:30	
33.067	1121.760	4:34	
33.133	1117.415	4:38	
33.200	1109.207	4:42	
33.267	1105.586	4:46	
33.333	1108.966	4:50	
33.400	1107.517	4:54	
33.467	1115.725	4:58	
33.533	1124.415	5: 2	
33.600	1126.105	5: 6	
33.733	1123.450	5:14	
33.800	1126.347	5:18	
33.867	1120.794	5:22	
33.933	1112.587	5:26	
34.000	1109.449	5:30	
34.067	1102.931	5:34	
34.133	1104.862	5:38	
34.200	1104.138	5:42	
34.267	1106.552	5:46	
34.333	1098.103	5:50	
34.400	1100.034	5:54	
34.467	1110.173	5:58	
34.533	1113.552	6: 2	
34.600	1114.277	6: 6	
34.667	1109.931	6:10	
34.733	1100.517	6:14	
34.800	1097.137	6:18	
34.867	1101.482	6:22	
34.933	1102.931	6:26	
35.000	1093.758	6:30	
35.067	1089.412	6:34	

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COMPLETION TEST NO. 4. RUN NO. 2. GAUGE SENSING DEPTH - 1563.5 M.

DELTA TIME	PRESSURE	TIME	DATE
35.133	1088.447	6:38	8-7-80
35.200	1090.861	6:42	
35.267	1098.344	6:46	
35.333	1104.379	6:50	
35.400	1100.758	6:54	
35.467	1092.551	6:58	
35.533	1097.620	7: 2	
35.600	1105.586	7: 6	
35.667	1100.758	7:10	
35.733	1093.275	7:14	
35.800	1094.482	7:18	
35.867	1090.861	7:22	
35.933	1093.999	7:26	
36.000	1100.034	7:30	
36.067	1100.034	7:34	
36.133	1093.999	7:38	
36.200	1091.585	7:42	
36.267	1097.620	7:46	
36.333	1102.931	7:50	
36.400	1098.827	7:54	
36.467	1102.448	7:58	
36.533	1100.275	8: 2	
36.600	1097.620	8: 6	
36.667	1101.241	8:10	
36.733	1102.207	8:14	
36.800	1099.068	8:18	
36.867	1095.447	8:22	
36.933	1098.103	8:26	
37.000	1098.344	8:30	
37.067	1099.310	8:34	
37.133	1104.138	8:38	
37.200	1107.759	8:42	
37.267	1105.586	8:46	
37.333	1102.931	8:50	
37.400	1102.931	8:54	
37.467	1102.207	8:58	
37.533	1096.413	9: 2	
37.600	1095.689	9: 6	
37.667	1095.206	9:10	
37.733	1093.999	9:14	
37.800	1090.619	9:18	
37.867	1093.999	9:22	
37.933	1099.068	9:26	
38.000	1095.930	9:30	
38.067	1097.861	9:34	
38.133	1102.931	9:38	
38.200	1097.861	9:42	

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COMPLETION TEST NO. 4. RUN NO. 2. GAUGE SENSING DEPTH - 1563.5 M.

DELTA TIME	PRESSURE	TIME	DATE
38.267	1097.137	9:46	8-7-80
38.333	1098.344	9:50	
38.400	1098.827	9:54	
38.467	1093.275	9:58	
38.533	1090.137	10: 2	
38.600	1095.206	10: 6	
38.667	1099.551	10:10	
38.733	1098.827	10:14	
38.800	1101.965	10:18	
38.867	1102.448	10:22	
38.933	1098.344	10:26	
39.000	1101.241	10:30	
39.067	1105.586	10:34	
39.133	1102.207	10:38	
39.200	1095.206	10:42	
39.267	1094.965	10:46	
39.333	1160.275	10:50	
39.400	1100.758	10:54	
39.467	1106.552	10:58	
39.533	1107.276	11: 2	
39.600	1104.379	11: 6	
39.667	1103.655	11:10	
39.733	1109.690	11:14	
39.800	1112.587	11:18	
39.867	1107.759	11:22	
39.933	1096.172	11:26	
40.000	1096.413	11:30	
40.067	1089.654	11:34	
40.133	1089.412	11:38	
40.200	1093.033	11:42	
40.267	1093.999	11:46	
40.333	1093.999	11:50	
40.400	1094.240	11:54	
40.467	1105.103	11:58	
40.533	1118.380	12: 2	
40.600	1112.345	12: 6	
40.667	1112.587	12:10	
40.733	1112.345	12:14	
40.800	1102.448	12:18	
40.867	1099.310	12:22	
40.933	1100.517	12:26	
41.000	1100.034	12:30	
41.067	1097.379	12:34	
41.133	1094.240	12:38	
41.200	1095.447	12:42	
41.267	1095.447	12:46	
41.333	1097.379	12:50	



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COMPLETION TEST NO. 4. RUN NO. 2. GAUGE SENSING DEPTH - 1563.5 M.

DELTA TIME	PRESSURE	TIME	DATE
41.400	1105.103	12:54	8- 7-80
41.467	1101.965	12:58	
41.533	1097.620	13: 2	
41.600	1096.172	13: 6	
41.667	1096.654	13:10	
41.733	1098.103	13:14	
41.800	1089.171	13:18	
41.867	1083.619	13:22	
41.933	1086.757	13:26	
42.000	1084.584	13:30	
42.067	1086.757	13:34	
42.133	1091.344	13:38	
42.200	1091.102	13:42	
42.267	1084.584	13:46	
42.333	1083.619	13:50	
42.400	1091.344	13:54	
42.467	1051.344	13:58	
42.533	1077.342	14: 2	
42.600	1075.894	14: 6	
42.667	1080.481	14:10	
42.733	1076.618	14:14	
42.800	1076.618	14:18	
42.867	1084.343	14:22	
42.933	1081.929	14:26	
43.000	1072.032	14:30	
43.067	1077.101	14:34	
43.133	1093.033	14:38	
43.200	1090.861	14:42	
43.267	1082.653	14:46	
43.333	1084.584	14:50	
43.400	1087.723	14:54	
43.467	1082.412	14:58	
43.533	1088.688	15: 2	
43.600	1098.827	15: 6	
43.667	1089.412	15:10	
43.733	1080.239	15:14	
43.800	1086.274	15:18	
43.867	1094.240	15:22	
43.933	1089.654	15:26	
44.000	1085.791	15:30	
44.067	1079.274	15:34	
44.133	1082.170	15:38	
44.200	1083.619	15:42	
44.267	1095.930	15:46	
44.333	1105.586	15:50	
44.400	1101.724	15:54	
44.467	1100.758	15:58	

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COMPLETION TEST NO. 4. RUN NO. 2. GAUGE SENSING DEPTH - 1563.5 M.

DELTA TIME	PRESSURE	TIME	DATE
44.533	1102.689	16: 2	8- 7-80
44.600	1106.310	16: 6	
44.667	1111.621	16:10	
44.733	1106.069	16:14	
44.800	1099.551	16:18	
44.867	1094.965	16:22	
44.933	1092.551	16:26	
45.000	1089.895	16:30	
45.067	1088.205	16:34	
45.133	1083.136	16:38	
45.200	1081.929	16:42	
45.267	1079.274	16:46	
45.333	1080.481	16:50	
45.400	1086.516	16:54	
45.467	1088.205	16:58	
45.533	1086.757	17: 2	
45.600	1068.205	17: 6	
45.667	1100.034	17:10	
45.733	1103.172	17:14	
45.800	1124.898	17:18	
45.867	1118.139	17:22	
45.933	1098.827	17:26	
46.000	1080.722	17:30	
46.067	1073.721	17:34	
46.133	1065.997	17:38	
46.200	1067.204	17:42	
46.333	1061.169	17:50	
46.400	1055.134	17:54	

GAUGES OFF BOTTOM

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DELTA TIME	PRESSURE	TIME	DATE
0.000	1005.359	0:27	6- 7-80
0.133	1056.801	0:35	GAUGES ON BOTTOM
0.200	1080.027	0:39	WELL FLOWING ON 32/64" CHOKE
0.267	1101.908	0:43	
0.333	1128.205	0:47	
0.400	1140.106	0:51	
0.467	1157.381	0:55	
0.533	1160.644	0:59	
0.600	1138.186	1: 3	
0.667	1100.757	1: 7	
0.733	1065.630	1:11	
0.800	1040.677	1:15	
0.867	1041.061	1:19	
0.933	1041.445	1:23	
1.000	1049.507	1:27	
1.067	1060.256	1:31	
1.133	1066.014	1:35	
1.200	1075.420	1:39	
1.267	1092.503	1:43	
1.333	1097.302	1:47	
1.400	1101.333	1:51	
1.467	1118.608	1:55	
1.533	1126.094	1:59	
1.600	1133.580	2: 3	
1.667	1132.812	2: 7	
1.733	1124.750	2:11	
1.800	1112.657	2:15	
1.867	1101.141	2:19	
1.933	1091.927	2:23	
2.000	1086.169	2:27	
2.067	1083.290	2:31	
2.133	1085.209	2:35	
2.200	1092.119	2:39	
2.267	1090.392	2:43	
2.333	1087.896	2:47	
2.400	1088.856	2:51	
2.467	1090.776	2:55	
2.533	1086.169	2:59	
2.600	1092.311	3: 3	
2.667	1094.039	3: 7	
2.733	1094.998	3:11	
2.800	1095.574	3:15	
2.867	1094.806	3:19	
2.933	1092.503	3:23	
3.000	1089.816	3:27	
3.067	1086.553	3:31	

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DELTA TIME	PRESSURE	TIME	DATE
3.133	1080.027	3:35	6-7-80
3.200	1076.380	3:39	
3.267	1076.571	3:43	
3.333	1077.723	3:47	
3.400	1079.643	3:51	
3.467	1077.339	3:55	
3.533	1073.308	3:59	
3.600	1069.277	4: 3	
3.667	1072.157	4: 7	
3.733	1074.652	4:11	
3.800	1073.308	4:15	
3.867	1069.661	4:19	
3.933	1072.541	4:23	
4.000	1075.612	4:27	
4.067	1075.228	4:31	
4.133	1070.813	4:35	
4.200	1071.389	4:39	
4.267	1076.188	4:43	
4.333	1076.380	4:47	
4.400	1072.349	4:51	
4.467	1070.813	4:55	
4.533	1066.014	4:59	
4.600	1067.166	5: 3	
4.667	1070.813	5: 7	
4.733	1070.045	5:11	
4.800	1066.590	5:15	
4.867	1063.135	5:19	
4.933	1069.086	5:23	
5.000	1068.510	5:27	
5.067	1067.358	5:31	
5.133	1064.095	5:35	
5.200	1067.550	5:39	
5.267	1068.702	5:43	
5.333	1067.550	5:47	
5.400	1062.175	5:51	
5.467	1065.247	5:55	
5.533	1067.742	5:59	
5.600	1065.439	6: 3	
5.667	1062.943	6: 7	
5.733	1063.135	6:11	
5.867	1065.822	6:19	
5.933	1064.671	6:23	
6.000	1066.974	6:27	
6.067	1070.237	6:31	
6.133	1072.541	6:35	
6.200	1072.157	6:39	
6.267	1075.228	6:43	

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COMPLETION TEST NO. 4. RUN NO. 2. GAUGE SENSING DEPTH - 1566.5 M.

DELTA TIME	PRESSURE	TIME	DATE
6.333	1078.299	6:47	6- 7-80
6.400	1075.996	6:51	
6.467	1059.104	6:55	
6.533	1066.206	6:59	
6.600	1069.853	7: 3	
6.667	1069.086	7: 7	
6.733	1062.943	7:11	
6.800	1065.630	7:15	
6.867	1066.974	7:19	
6.933	1067.166	7:23	
7.000	1061.792	7:27	
7.067	1060.832	7:31	
7.133	1065.630	7:35	
7.200	1066.974	7:39	
7.267	1060.640	7:43	
7.333	1063.327	7:47	
7.400	1068.126	7:51	
7.467	1068.318	7:55	
7.533	1065.247	7:59	
7.600	1065.822	8: 3	
7.667	1067.742	8: 7	
7.733	1068.702	8:11	
7.800	1067.742	8:15	
7.867	1064.287	8:19	
7.933	1069.469	8:23	
8.000	1071.005	8:27	
8.067	1065.247	8:31	
8.133	1063.903	8:35	
8.200	1068.894	8:39	
8.267	1067.358	8:43	
8.333	1066.782	8:47	
8.400	1065.822	8:51	
8.467	1072.541	8:55	
8.533	1072.733	8:59	
8.600	1067.166	9: 3	
8.667	1066.974	9: 7	
8.733	1068.318	9:11	
8.800	1068.894	9:15	
8.867	1067.358	9:19	
8.933	1065.247	9:23	
9.000	1067.166	9:27	
9.067	1068.510	9:31	
9.133	1065.630	9:35	
9.200	1059.872	9:39	
9.267	1065.247	9:43	
9.333	1065.439	9:47	
9.400	1060.256	9:51	

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COMPLETION TEST NO. 4. RUN NO. 2. GAUGE SENSING DEPTH - 1566.5 M.

DELTA TIME	PRESSURE	TIME	DATE
9.467	1057.185	9:55	6-7-80
9.533	1063.327	9:59	
9.600	1063.519	10:3	
9.667	1061.408	10:7	
9.733	1068.510	10:11	
9.800	1072.349	10:15	
9.867	1073.500	10:19	
9.933	1081.178	10:23	
10.000	1084.057	10:27	
10.067	1083.673	10:31	
10.133	1086.745	10:35	
10.200	1087.129	10:39	
10.267	1083.673	10:43	
10.333	1079.451	10:47	
10.400	1074.844	10:51	
10.467	1070.045	10:55	
10.533	1073.500	10:59	
10.600	1072.924	11:3	
10.667	1067.550	11:7	
10.733	1063.135	11:11	
10.800	1063.327	11:15	
10.867	1066.206	11:19	
10.933	1067.166	11:23	
11.000	1065.247	11:27	
11.067	1068.510	11:31	
11.133	1071.773	11:35	
11.200	1072.733	11:39	
11.267	1073.692	11:43	
11.333	1080.794	11:47	
11.400	1085.593	11:51	
11.467	1085.209	11:55	
11.533	1089.816	11:59	
11.600	1092.311	12:3	
11.667	1092.119	12:7	
11.733	1094.039	12:11	
11.800	1096.726	12:15	
11.867	1091.735	12:19	
11.933	1095.958	12:23	
12.000	1092.695	12:27	
12.067	1090.008	12:31	
12.133	1086.745	12:35	
12.200	1081.562	12:39	
12.267	1075.804	12:43	
12.333	1074.652	12:47	
12.400	1077.531	12:51	
12.467	1071.773	12:55	
12.533	1070.045	12:59	

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COMPLETION TEST NO. 4. RUN NO. 2. GAUGE SENSING DEPTH - 1566.5 M.

DELTA TIME	PRESSURE	TIME	DATE
12.600	1075.804	13: 3	6- 7-80
12.667	1078.299	13: 7	
12.733	1076.188	13:11	
12.800	1078.875	13:15	
12.867	1080.410	13:19	
12.933	1083.290	13:23	
13.067	1089.048	13:31	
13.133	1088.664	13:35	
13.200	1085.593	13:39	
13.267	1085.401	13:43	
13.333	1085.017	13:47	
13.400	1085.401	13:51	
13.467	1088.088	13:55	
13.533	1086.937	13:59	
13.600	1087.704	14: 3	

WELL SHUT IN AT 14.06

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COMPLETION TEST NO. 4. RUN NO. 2. GAUGE SENSING DEPTH - 1566.5 M.

DELTA TIME	PRESSURE	TIME	DATE	
0.000	1087.704	14:3	6-7-80	WELL SHUT IN AT 14.06
0.067	1089.624	14:7		START ACIDIZING
0.133	1137.035	14:11		
0.200	1196.922	14:15		
0.267	1258.729	14:19		
0.333	1321.688	14:23		
0.400	1387.718	14:27		
0.467	1444.342	14:31		
0.533	1499.239	14:35		
0.600	1552.984	14:39		
0.667	1605.002	14:43		
0.733	1656.059	14:47		
0.800	1695.025	14:51		
0.867	1723.049	14:55		WELL OPENED AT 14.57
0.933	1769.692	14:59		
1.000	1821.134	15:3		
1.067	1950.698	15:7		
1.133	2184.106	15:11		
1.200	2680.481	15:15		START PUMPING ACID
1.267	2496.020	15:19		
1.333	3081.650	15:23		
1.400	3221.195	15:27		
1.467	3258.049	15:31		
1.533	3010.054	15:35		
1.600	3218.700	15:39		
1.667	3268.222	15:43		
1.733	3319.856	15:47		
1.800	3407.576	15:51		
1.933	3548.657	15:59		
2.000	3518.137	16:3		
2.067	3544.434	16:7		
2.133	3510.843	16:11		
2.200	3522.936	16:15		
2.267	3479.940	16:19		
2.333	3523.512	16:23		
2.400	3367.459	16:27		
2.467	3462.857	16:31		
2.533	3414.486	16:35		
2.600	3425.619	16:39		
2.667	3484.355	16:43		
2.733	3393.756	16:47		
2.800	3421.588	16:51		
2.867	3510.459	16:55		
2.933	3513.914	16:59		
3.000	2443.618	17:3		
3.067	2355.898	17:7		



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COMPLETION TEST NO. 4. RUN NO. 2. GAUGE SENSING DEPTH - 1566.5 M.

DELTA TIME	PRESSURE	TIME	DATE
3.133	2315.397	17:11	6-7-80
3.200	3491.649	17:15	
3.267	3505.853	17:19	
3.333	3502.590	17:23	
3.400	3495.296	17:27	
3.467	3506.429	17:31	
3.533	3516.218	17:35	
3.600	3523.512	17:39	
3.667	3530.806	17:43	
3.733	3523.128	17:47	
3.800	3513.147	17:51	
3.867	3502.014	17:55	
3.933	3483.779	17:59	
4.000	3501.438	18:3	
4.067	3494.720	18:7	
4.133	3509.884	18:11	
4.200	3562.782	18:15	
4.267	3510.076	18:19	
4.333	3501.438	18:23	
4.400	3513.914	18:27	
4.467	3507.964	18:31	
4.533	3481.283	18:35	
4.600	3516.986	18:39	
4.667	3511.419	18:43	
4.733	3496.255	18:47	
4.800	3508.540	18:51	
4.867	3515.258	18:55	
4.933	2620.977	18:59	
5.000	2292.748	19:3	
5.067	2297.162	19:7	
5.133	2293.707	19:11	
5.200	2288.909	19:15	
5.267	2284.878	19:19	
5.333	2281.807	19:23	
5.400	2278.160	19:27	

STOP PUMPING ACID

WELL OPENED AT 19.30

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COMPLETION TEST NO. 4. RUN NO. 2. GAUGE SENSING DEPTH - 1566.5 M.

DELTA TIME	PRESSURE	TIME	DATE
0.000	2278.160	19:27	6-7-80 WELL OPENED AT 19.30
0.067	2277.392	19:31	ON 32/64"CHOKE
0.200	1859.331	19:39	
0.267	1857.604	19:43	
0.333	1858.947	19:47	
0.400	1860.099	19:51	
0.467	1860.099	19:55	
0.533	1861.635	19:59	
0.600	1862.211	20: 3	
0.667	1862.211	20: 7	
0.733	1863.362	20:11	
0.800	1862.978	20:15	
0.867	1862.978	20:19	
0.933	1863.362	20:23	
1.000	1864.514	20:27	
1.067	1864.514	20:31	
1.133	1864.322	20:35	
1.200	1865.858	20:39	
1.267	1865.474	20:43	
1.333	1866.433	20:47	
1.400	1866.049	20:51	
1.467	1867.009	20:55	
1.533	1866.433	20:59	
1.600	1866.433	21: 3	
1.667	1868.545	21: 7	
1.733	1871.040	21:11	
1.800	1872.192	21:15	
1.867	1874.303	21:19	
1.933	1877.374	21:23	
2.000	1880.445	21:27	
2.067	1883.325	21:31	
2.133	1886.204	21:35	
2.200	1885.820	21:39	
2.267	1889.083	21:43	
2.333	1891.003	21:47	
2.400	1893.114	21:51	
2.467	1895.801	21:55	
2.533	1893.306	21:59	
2.667	1892.154	22: 7	
2.733	1890.619	22:11	
2.867	1887.931	22:19	
2.933	1884.284	22:23	
3.000	1883.901	22:27	
3.067	1880.254	22:31	
3.133	1881.021	22:35	
3.200	1845.703	22:39	

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COMPLETION TEST NO. 4. RUN NO. 2. GAUGE SENSING DEPTH - 1566.5 M.

DELTA TIME	PRESSURE	TIME	DATE
3.267	1810.769	22:43	6- 7-80
3.333	1776.794	22:47	
3.400	1744.739	22:51	
3.467	1711.532	22:55	
3.533	1685.427	22:59	
3.600	1668.536	23: 3	
3.667	1650.109	23: 7	
3.733	1642.239	23:11	
3.800	1636.097	23:15	
3.867	1630.147	23:19	
3.933	1623.045	23:23	
4.000	1626.500	23:27	
4.067	1620.741	23:31	
4.133	1624.580	23:35	
4.200	1630.914	23:39	
4.267	1642.047	23:43	
4.333	1648.190	23:47	
4.400	1659.706	23:51	
4.467	1670.455	23:55	
4.600	1667.192	0: 3	7- 7-80
4.667	1666.041	0: 7	
4.733	1657.403	0:11	
4.800	1646.078	0:15	
4.867	1635.905	0:19	
4.933	1628.035	0:23	
5.000	1606.153	0:27	
5.067	1590.414	0:31	
5.133	1580.624	0:35	
5.200	1567.764	0:39	
5.333	1544.730	0:47	
5.400	1536.668	0:51	
5.467	1529.758	0:55	
5.533	1522.080	0:59	
5.600	1517.666	1: 3	
5.667	1513.443	1: 7	
5.733	1514.978	1:11	
5.800	1514.403	1:15	
5.867	1519.201	1:19	
5.933	1525.919	1:23	
6.000	1534.365	1:27	
6.133	1536.093	1:35	
6.200	1538.396	1:39	
6.267	1536.668	1:43	
6.333	1535.901	1:47	
6.400	1531.486	1:51	
6.533	1516.322	1:59	
6.600	1508.836	2: 3	

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COMPLETION TEST NO. 4. RUN NO. 2. GAUGE SENSING DEPTH - 1566.5 M.

DELTA TIME	PRESSURE	TIME	DATE
6.733	1489.258	2:11	7- 7-80
6.800	1478.892	2:15	
6.933	1464.496	2:23	
7.000	1458.546	2:27	
7.067	1454.515	2:31	
7.133	1452.212	2:35	
7.200	1449.141	2:39	
7.267	1448.373	2:43	
7.333	1452.212	2:47	
7.400	1454.323	2:51	
7.467	1460.657	2:55	
7.533	1461.041	2:59	
7.600	1462.385	3: 3	
7.667	1463.729	3: 7	
7.733	1460.082	3:11	
7.800	1458.738	3:15	
7.867	1451.252	3:19	
7.933	1444.342	3:23	
8.000	1445.110	3:27	
8.067	1434.553	3:31	
8.133	1434.169	3:35	
8.200	1421.884	3:39	
8.267	1415.934	3:43	
8.333	1409.600	3:47	
8.400	1399.042	3:51	
8.467	1403.457	3:55	
8.600	1398.467	4: 3	
8.667	1401.922	4: 7	
8.733	1401.922	4:11	
8.800	1408.448	4:15	
8.867	1409.024	4:19	
8.933	1414.782	4:23	
9.000	1412.863	4:27	
9.067	1404.417	4:31	
9.200	1413.822	4:39	
9.267	1414.974	4:43	
9.333	1402.881	4:47	
9.400	1401.538	4:51	
9.467	1397.891	4:55	
9.533	1395.203	4:59	
9.600	1393.284	5: 3	
9.667	1390.213	5: 7	
9.733	1391.365	5:11	
9.800	1387.142	5:15	
9.867	1390.021	5:19	
9.933	1392.516	5:23	
10.000	1392.132	5:27	

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COMPLETION TEST NO. 4. RUN NO. 2. GAUGE SENSING DEPTH - 1566.5 M.

DELTA TIME	PRESSURE	TIME	DATE
10.067	1391.940	5:31	7- 7-80
10.133	1394.820	5:35	
10.200	1392.324	5:39	
10.267	1383.879	5:43	
10.333	1395.587	5:47	
10.400	1385.030	5:51	
10.467	1376.585	5:55	
10.533	1381.575	5:59	
10.600	1374.473	6: 3	
10.667	1377.352	6: 7	
10.733	1372.170	6:11	
10.800	1370.250	6:15	
10.867	1368.715	6:19	
10.933	1362.189	6:23	
11.000	1368.331	6:27	
11.067	1359.693	6:31	
11.133	1360.461	6:35	
11.200	1363.340	6:39	
11.267	1357.582	6:43	
11.333	1370.058	6:47	
11.400	1371.786	6:51	
11.467	1361.229	6:55	
11.600	1375.433	7: 3	
11.667	1369.675	7: 7	
11.733	1376.201	7:11	
11.800	1370.826	7:15	
11.867	1362.956	7:19	
11.933	1363.724	7:23	
12.000	1349.136	7:27	
12.067	1350.480	7:31	
12.133	1352.399	7:35	
12.200	1333.780	7:39	
12.267	1341.458	7:43	
12.333	1331.861	7:47	
12.400	1334.740	7:51	
12.467	1350.864	7:55	
12.533	1329.941	7:59	
12.600	1355.854	8: 3	
12.667	1370.826	8: 7	
12.733	1361.229	8:11	
12.800	1379.080	8:15	
12.867	1386.950	8:19	
12.933	1370.058	8:23	
13.000	1383.303	8:27	
13.067	1382.727	8:31	
13.133	1382.727	8:35	
13.200	1373.130	8:39	

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COMPLETION TEST NO. 4. RUN NO. 2. GAUGE SENSING DEPTH - 1566.5 M.

DELTA TIME	PRESSURE	TIME	DATE
13.267	1359.309	8:43	7-7-80
13.333	1365.644	8:47	
13.400	1355.662	8:51	
13.467	1350.288	8:55	
13.533	1336.468	8:59	
13.600	1352.591	9:3	
13.667	1353.359	9:7	
13.733	1338.579	9:11	
13.800	1353.935	9:15	
13.867	1350.864	9:19	
13.933	1349.904	9:23	
14.000	1361.037	9:27	
14.067	1356.622	9:31	
14.133	1359.885	9:35	
14.200	1353.359	9:39	
14.267	1380.616	9:43	
14.333	1384.071	9:47	
14.400	1372.170	9:51	
14.467	1376.393	9:55	
14.533	1366.411	9:59	
14.600	1353.167	10:3	
14.667	1314.586	10:7	
14.733	1275.620	10:11	
14.800	1263.528	10:15	
14.867	1252.779	10:19	
14.933	1246.445	10:23	
15.000	1241.070	10:27	
15.067	1237.615	10:31	
15.133	1243.181	10:35	
15.200	1267.559	10:39	
15.267	1312.666	10:43	
15.333	1327.830	10:47	
15.400	1379.080	10:51	
15.467	1382.151	10:55	
15.533	1411.135	10:59	
15.600	1411.327	11:3	
15.667	1399.618	11:7	
15.733	1367.371	11:11	
15.800	1331.861	11:15	
15.867	1319.384	11:19	
15.933	1281.955	11:23	
16.000	1249.516	11:27	
16.067	1240.686	11:31	
16.133	1235.312	11:35	
16.200	1237.039	11:39	
16.267	1245.293	11:43	
16.333	1251.051	11:47	

CHANGE TO 40/64" ADJ. CHOKE  
CHANGE TO 40/64" POS. CHOKE

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COMPLETION TEST NO. 4. RUN NO. 2. GAUGE SENSING DEPTH - 1566.5 M.

DELTA TIME	PRESSURE	TIME	DATE
16.400	1242.222	11:51	7- 7-80
16.467	1240.494	11:55	
16.533	1242.222	11:59	
16.600	1270.630	12: 3	
16.667	1279.267	12: 7	
16.733	1290.208	12:11	
16.800	1313.626	12:15	
16.867	1318.233	12:19	
16.933	1312.858	12:23	
17.000	1272.933	12:27	
17.067	1262.184	12:31	
17.133	1251.051	12:35	
17.200	1244.141	12:39	
17.267	1231.281	12:43	
17.333	1224.563	12:47	
17.400	1220.532	12:51	
17.467	1224.946	12:55	
17.533	1218.996	12:59	
17.600	1216.501	13: 3	
17.667	1222.067	13: 7	
17.733	1222.451	13:11	
17.800	1242.030	13:15	
17.867	1254.698	13:19	
17.933	1279.651	13:23	
18.000	1282.531	13:27	
18.067	1288.289	13:31	
18.133	1286.178	13:35	
18.200	1284.450	13:39	
18.267	1280.227	13:43	
18.333	1265.639	13:47	
18.400	1251.243	13:51	
18.467	1234.544	13:55	
18.533	1231.281	13:59	
18.600	1219.572	14: 3	
18.667	1194.811	14: 7	
18.733	1181.375	14:11	
18.800	1170.625	14:15	
18.867	1164.099	14:19	
18.933	1154.694	14:23	
19.000	1155.078	14:27	
19.067	1145.672	14:31	
19.133	1159.301	14:35	
19.200	1196.154	14:39	
19.267	1219.572	14:43	
19.333	1266.023	14:47	
19.400	1276.388	14:51	
19.467	1293.088	14:55	

CHANGE TO 48/64" ADJ. CHOKE

CHANGE TO 48/64" POS. CHOKE

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COMPLETION TEST NO. 4. RUN NO. 2. GAUGE SENSING DEPTH - 1566.5 M.

DELTA TIME	PRESSURE	TIME	DATE
19.533	1304.796	14:59	7-7-80
19.600	1289.057	15:3	
19.667	1277.156	15:7	
19.733	1250.283	15:11	
19.800	1231.089	15:15	
19.867	1223.603	15:19	
19.933	1192.891	15:23	
20.000	1174.848	15:27	
20.067	1167.170	15:31	
20.200	1159.493	15:39	
20.267	1155.270	15:43	
20.333	1168.706	15:47	
20.400	1163.140	15:51	
20.467	1164.675	15:55	
20.533	1161.988	15:59	
20.600	1168.706	16:3	
20.667	1186.173	16:7	
20.733	1202.489	16:11	
20.800	1227.442	16:15	
20.867	1250.859	16:19	
20.933	1243.949	16:23	
21.000	1222.067	16:27	
21.067	1196.538	16:31	
21.133	1182.718	16:35	
21.200	1174.272	16:39	
21.267	1166.403	16:43	
21.333	1150.855	16:47	
21.400	1145.288	16:51	
21.533	1142.985	16:59	
21.600	1154.118	17:3	
21.667	1151.047	17:7	
21.733	1152.966	17:11	
21.800	1147.016	17:15	
21.867	1156.997	17:19	
21.933	1184.062	17:23	
22.000	1218.996	17:27	
22.067	1251.819	17:31	
22.133	1264.104	17:35	
22.200	1248.748	17:39	
22.267	1233.392	17:43	
22.333	1208.247	17:47	
22.400	1189.820	17:51	
22.467	1168.322	17:55	
22.533	1164.291	17:59	
22.600	1146.440	18:3	
22.667	1147.208	18:7	
22.733	1138.954	18:11	



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COMPLETION TEST NO. 4. RUN NO. 2. GAUGE SENSING DEPTH - 1566.5 M.

DELTA TIME	PRESSURE	TIME	DATE
22.800	1144.329	18:15	7- 7-80
22.867	1148.744	18:19	
22.933	1150.471	18:23	
23.067	1150.855	18:31	
23.133	1154.118	18:35	
23.200	1164.291	18:39	
23.267	1198.074	18:43	
23.333	1229.169	18:47	
23.400	1251.819	18:51	
23.467	1244.717	18:55	
23.533	1239.151	18:59	
23.600	1203.640	19: 3	
23.667	1171.585	19: 7	
23.733	1158.725	19:11	
23.800	1150.087	19:15	
23.867	1139.146	19:19	
23.933	1132.620	19:23	
24.000	1130.125	19:27	
24.067	1134.156	19:31	
24.133	1139.530	19:35	
24.200	1140.106	19:39	
24.267	1152.774	19:43	
24.333	1154.118	19:47	
24.400	1158.533	19:51	
24.467	1181.950	19:55	
24.533	1212.278	19:59	
24.600	1255.082	20: 3	
24.667	1271.398	20: 7	
24.800	1251.435	20:15	
24.867	1219.572	20:19	
25.000	1157.573	20:27	
25.067	1145.097	20:31	
25.133	1133.964	20:35	
25.200	1129.165	20:39	
25.267	1130.701	20:43	
25.333	1135.499	20:47	
25.400	1143.753	20:51	
25.467	1152.007	20:55	
25.533	1161.412	20:59	
25.600	1181.566	21: 3	
25.667	1203.448	21: 7	
25.733	1244.909	21:11	
25.800	1269.478	21:15	
25.867	1296.927	21:19	
25.933	1307.676	21:23	
26.000	1307.676	21:27	
26.067	1282.147	21:31	

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COMPLETION TEST NO. 4. RUN NO. 2. GAUGE SENSING DEPTH - 1566.5 M.

DELTA TIME	PRESSURE	TIME	DATE
26.133	1229.553	21:35	7- 7-80
26.200	1182.334	21:39	
26.267	1156.997	21:43	
26.333	1144.713	21:47	
26.400	1133.964	21:51	
26.467	1129.357	21:55	
26.533	1129.741	21:59	
26.600	1135.691	22: 3	
26.733	1169.474	22:11	
26.800	1186.557	22:15	
26.867	1228.785	22:19	
26.933	1250.667	22:23	
27.000	1293.855	22:27	
27.133	1366.987	22:35	
27.200	1376.585	22:39	
27.267	1362.572	22:43	
27.333	1331.477	22:47	
27.400	1286.945	22:51	
27.467	1220.340	22:55	
27.533	1174.464	22:59	
27.600	1156.997	23: 3	
27.667	1146.056	23: 7	
27.733	1139.914	23:11	
27.800	1132.236	23:15	
27.867	1142.025	23:19	
27.933	1161.412	23:23	
28.000	1166.978	23:27	
28.067	1185.213	23:31	
28.133	1217.653	23:35	
28.200	1254.698	23:39	
28.267	1310.747	23:43	
28.333	1360.845	23:47	
28.400	1410.175	23:51	
28.467	1440.503	23:55	
28.533	1436.664	23:59	
28.600	1415.742	0: 3	8- 7-80
28.667	1363.916	0: 7	
28.733	1308.443	0:11	
28.800	1228.785	0:15	
28.867	1181.950	0:19	
28.933	1157.381	0:23	
29.000	1145.480	0:27	
29.067	1144.905	0:31	
29.133	1149.895	0:35	
29.200	1147.208	0:39	
29.267	1159.109	0:43	
29.333	1185.213	0:47	

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COMPLETION TEST NO. 4. RUN NO. 2. GAUGE SENSING DEPTH - 1566.5 M.

DELTA TIME	PRESSURE	TIME	DATE
29.400	1211.318	0:51	8-7-80
29.467	1267.175	0:55	
29.533	1319.001	0:59	
29.600	1362.956	1:3	
29.667	1387.526	1:7	
29.733	1375.625	1:11	
29.800	1339.731	1:15	
29.867	1273.893	1:19	
29.933	1216.693	1:23	
30.000	1180.991	1:27	
30.067	1156.229	1:31	
30.133	1139.914	1:35	
30.200	1136.843	1:39	
30.267	1140.106	1:43	
30.333	1141.066	1:47	
30.400	1153.926	1:51	
30.467	1161.220	1:55	
30.533	1200.377	1:59	
30.600	1217.461	2:3	
30.667	1249.324	2:7	
30.733	1268.518	2:11	
30.800	1273.701	2:15	
30.867	1245.485	2:19	
30.933	1198.458	2:23	
31.000	1171.393	2:27	
31.067	1156.613	2:31	
31.133	1141.641	2:35	
31.200	1133.964	2:39	
31.267	1124.942	2:43	
31.333	1126.670	2:47	
31.400	1135.115	2:51	
31.467	1140.490	2:55	
31.533	1151.239	2:59	
31.600	1168.706	3:3	
31.667	1181.950	3:7	
31.733	1189.820	3:11	
31.800	1190.204	3:15	
31.867	1175.616	3:19	
31.933	1156.997	3:23	
32.000	1148.360	3:27	
32.067	1137.227	3:31	
32.133	1129.165	3:35	
32.200	1124.366	3:39	
32.267	1120.527	3:43	
32.333	1122.831	3:47	
32.400	1120.719	3:51	
32.467	1128.013	3:55	

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DELTA TIME	PRESSURE	TIME	DATE
32.533	1133.964	3:59	8-7-80
32.600	1137.994	4:3	
32.667	1143.177	4:7	
32.733	1140.682	4:11	
32.867	1137.611	4:19	
32.933	1128.589	4:23	
33.000	1122.063	4:27	
33.067	1123.023	4:31	
33.133	1125.134	4:35	
33.200	1117.840	4:39	
33.267	1111.698	4:43	
33.333	1109.202	4:47	
33.467	1112.274	4:55	
33.533	1119.951	4:59	
33.600	1128.973	5:3	
33.667	1127.437	5:7	
33.733	1123.023	5:11	
33.800	1126.670	5:15	
33.867	1128.781	5:19	
33.933	1120.911	5:23	
34.000	1114.577	5:27	
34.067	1109.586	5:31	
34.133	1108.819	5:35	
34.200	1105.747	5:39	
34.267	1108.243	5:43	
34.333	1105.939	5:47	
34.400	1102.484	5:51	
34.467	1107.667	5:55	
34.533	1115.921	5:59	
34.600	1114.961	6:3	
34.667	1117.456	6:7	
34.733	1111.698	6:11	
34.800	1102.868	6:15	
34.867	1102.676	6:19	
34.933	1105.555	6:23	
35.000	1104.020	6:27	
35.067	1095.574	6:31	
35.133	1091.735	6:35	
35.200	1091.159	6:39	
35.267	1096.534	6:43	
35.333	1100.565	6:47	
35.400	1105.555	6:51	
35.467	1102.100	6:55	
35.533	1094.998	6:59	
35.600	1101.333	7:3	
35.667	1109.394	7:7	
35.733	1101.141	7:11	

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DELTA TIME	PRESSURE	TIME	DATE
35.800	1098.070	7:15	8-7-80
35.867	1096.726	7:19	
35.933	1094.423	7:23	
36.000	1097.494	7:27	
36.067	1102.484	7:31	
36.133	1102.100	7:35	
36.200	1094.998	7:39	
36.267	1098.453	7:43	
36.333	1103.828	7:47	
36.400	1101.908	7:51	
36.467	1105.747	7:55	
36.533	1103.444	7:59	
36.600	1103.636	8:3	
36.667	1100.373	8:7	
36.733	1101.141	8:11	
36.800	1107.091	8:15	
36.867	1100.949	8:19	
36.933	1098.837	8:23	
37.000	1100.181	8:27	
37.067	1103.444	8:31	
37.133	1104.020	8:35	
37.200	1106.899	8:39	
37.267	1109.202	8:43	
37.333	1109.586	8:47	
37.400	1103.828	8:51	
37.467	1106.323	8:55	
37.533	1102.676	8:59	
37.600	1099.221	9:3	
37.667	1098.070	9:7	
37.733	1098.453	9:11	
37.800	1095.958	9:15	
37.867	1095.958	9:19	
37.933	1098.070	9:23	
38.000	1100.373	9:27	
38.067	1101.525	9:31	
38.133	1103.636	9:35	
38.200	1104.212	9:39	
38.267	1102.484	9:43	
38.333	1097.494	9:47	
38.400	1101.908	9:51	
38.467	1099.605	9:55	
38.533	1094.423	9:59	
38.600	1094.806	10:3	
38.667	1099.989	10:7	
38.733	1102.292	10:11	
38.800	1104.212	10:15	
38.867	1105.939	10:19	

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DELTA TIME	PRESSURE	TIME	DATE
38.933	1104.020	10:23	8-7-80
39.000	1103.060	10:27	
39.067	1105.364	10:31	
39.133	1108.627	10:35	
39.200	1104.212	10:39	
39.267	1096.534	10:43	
39.333	1099.797	10:47	
39.400	1103.252	10:51	
39.467	1105.555	10:55	
39.533	1108.435	10:59	
39.667	1106.515	11: 7	
39.733	1106.131	11:11	
39.800	1113.617	11:15	
39.867	1115.729	11:19	
39.933	1108.243	11:23	
40.000	1099.989	11:27	
40.067	1099.797	11:31	
40.133	1090.967	11:35	
40.200	1093.463	11:39	
40.267	1095.958	11:43	
40.333	1098.261	11:47	
40.400	1099.221	11:51	
40.467	1099.413	11:55	
40.533	1113.425	11:59	
40.600	1120.335	12: 3	
40.667	1114.385	12: 7	
40.733	1116.496	12:11	
40.800	1113.809	12:15	
40.867	1104.212	12:19	
40.933	1103.444	12:23	
41.000	1103.444	12:27	
41.067	1103.060	12:31	
41.133	1098.453	12:35	
41.200	1098.070	12:39	
41.267	1097.302	12:43	
41.333	1099.989	12:47	
41.400	1102.484	12:51	
41.467	1108.243	12:55	
41.533	1104.788	12:59	
41.600	1099.605	13: 3	
41.667	1098.645	13: 7	
41.733	1099.797	13:11	
41.800	1101.333	13:15	
41.867	1089.240	13:19	
41.933	1088.472	13:23	
42.000	1090.200	13:27	
42.067	1087.704	13:31	

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DELTA TIME	PRESSURE	TIME	DATE
42.133	1092.119	13:35	8-7-80
42.200	1094.423	13:39	
42.267	1092.887	13:43	
42.333	1086.937	13:47	
42.400	1086.553	13:51	
42.467	1096.342	13:55	
42.533	1092.311	13:59	
42.600	1077.915	14: 3	
42.667	1080.027	14: 7	
42.733	1084.249	14:11	
42.800	1079.259	14:15	
42.867	1079.835	14:19	
42.933	1088.280	14:23	
43.000	1082.906	14:27	
43.067	1073.884	14:31	
43.133	1082.906	14:35	
43.200	1096.150	14:39	
43.267	1092.887	14:43	
43.333	1084.057	14:47	
43.400	1088.472	14:51	
43.467	1090.008	14:55	
43.533	1085.401	14:59	
43.600	1092.503	15: 3	
43.667	1101.717	15: 7	
43.733	1090.200	15:11	
43.800	1085.209	15:15	
43.867	1090.008	15:19	
43.933	1097.686	15:23	
44.000	1090.392	15:27	
44.067	1088.088	15:31	
44.133	1081.562	15:35	
44.200	1085.977	15:39	
44.267	1090.008	15:43	
44.333	1104.404	15:47	
44.400	1107.859	15:51	
44.467	1104.788	15:55	
44.533	1104.404	15:59	
44.600	1106.131	16: 3	
44.667	1113.425	16: 7	
44.733	1112.849	16:11	
44.800	1106.899	16:15	
44.867	1101.525	16:19	
44.933	1095.958	16:23	
45.000	1093.655	16:27	
45.067	1091.735	16:31	
45.133	1089.240	16:35	
45.200	1084.633	16:39	

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COMPLETION TEST NO. 4. RUN NO. 2. GAUGE SENSING DEPTH - 1566.5 M.

DELTA TIME	PRESSURE	TIME	DATE
45.267	1083.290	16:43	8-7-80
45.333	1083.673	16:47	
45.400	1085.401	16:51	
45.467	1090.967	16:55	
45.533	1091.159	16:59	
45.600	1089.624	17: 3	
45.667	1094.423	17: 7	
45.733	1100.373	17:11	
45.800	1112.082	17:15	
45.867	1130.125	17:19	
45.933	1115.921	17:23	
46.000	1098.453	17:27	
46.067	1083.865	17:31	
46.133	1073.692	17:35	
46.200	1070.621	17:39	

GAUGES OFF BOTTOM AT 17.54