



PRESSURE TEST DATA SUMMARY

 COMPANY: ESSO EXPLORATION NORWAY DATE: 22 DECEMBER 198

 FIELD: SLEIPNER WELL NO: 15/8-1 JOB NO: MRPG-1072-AB

 TEST TYPE: DRILL STEM TEST NO: 3 RUN NO: 1 MAX B.H.T. 255 °

 PERFORATION INTERVAL: 3688 - 3697 METRES ZONE: _____

	TOP	MIDDLE	BOTTOM
GAUGE TYPE/NO.	<u>0105</u>		<u>0125</u>
PRESSURE SENSING DEPTH	<u>3676.15 M.</u>		<u>3679.12 M.</u>
ELEMENT SIZE	<u>16000 PSI</u>		<u>16000 PSI</u>
TIME MODE	<u>2 MIN.</u>		<u>4 MIN.</u>
BATTERY TYPE	<u>SILVER OXIDE</u>		<u>SILVER OXIDE</u>

EVENT	SURFACE TIMES & DATES		TEMP. °
PACKER SET	17:30	23/12-81	243
OPEN APR-N TOOL	22:52	"	244
WELL OPENED ON 20/64" ADJ. CHOKE	22:58	"	243
CLOSE APR-N TOOL & CHOKE MANIFOLD	23:01	"	243
OPEN APR-N TOOL	00:08	24/12-81	245
OPEN WELL ON 20/64" ADJ. CHOKE	00:10	"	245
CHANGE TO 32/64" ADJ. CHOKE	00:34	"	247
GAS TO SURFACE	00:48	"	248
CHANGE TO 48/64" ADJ. CHOKE	00:58	"	248
CHANGE TO 56/64" ADJ. CHOKE	01:22	"	250
FLOWING TO SEPARATOR	02:30	"	252
CHANGE TO 56/64" FIXED CHOKE	03:38	"	253
CLOSE APR-N TOOL & CHOKE MANIFOLD	13:03	"	255
BLEED OFF PRESSURE ABOVE APR-N TOOL	06:00	25/12-81	249
OPEN APR-N TOOL	09:10	"	249
COMMENCE BULLHEADING	09:15	"	249
STOP BULLHEADING	09:40	"	245
OPEN APR-M REVERSING TOOL	10:10	"	238
UNSEATED PACKER	12:12	"	244

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

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

1/30/81

SPERRY-SUN INTERNATIONAL INC.
MAGNETIC RECORDING PRESSURE GAUGE REPORT

ESSO EXPLORATION
SLEIPNER
15/8-1

OFFSHORE NORWAY
22ND DECEMBER 1981
MRPG-1072-NOR

INITIAL FLOW PERIOD GAUGE NO.0105 SENSING DEPTH AT 3676.15M

DELTA TIME	GAUGE PRESSURE	TIME	DATE	
-0.017	7525.037	22:50	23-12-81	OPEN APR-N TOOL
0.017	6486.383	22:52		
0.050	6489.526	22:54		
0.083	6489.526	22:56		
0.117	6400.745	22:58		OPEN C.M. ON 20/64" ADJ. CHOKE
0.150	6340.248	23: 0		END OF FLOW PERIOD



SPERRY-SUN INTERNATIONAL INC.
MAGNETIC RECORDING PRESSURE GAUGE REPORT

ESSO EXPLORATION
SLEIPNER
15/8-1

OFFSHORE NORWAY
22ND DECEMBER 1981
MRPG-1072-NOR

INITIAL BUILD-UP PERIOD GAUGE NO.0105 SENSING DEPTH AT 3676.15M T=0.05

DELTA TIME	T + DT ----- DT	T + DT LOG(-----) DT	GAUGE PRESSURE	P SQUARED	TIME	DATE
0.017	4.00	.602059991	6487.954	0.421D 8	23: 2	23-12-81
0.050	2.00	.301029996	6490.311	0.421D 8	23: 4	
0.083	1.60	.204119983	6492.668	0.422D 8	23: 6	
0.117	1.43	.154901960	6491.883	0.421D 8	23: 8	
0.150	1.33	.124938737	6492.668	0.422D 8	23:10	
0.183	1.27	.104735351	6492.668	0.422D 8	23:12	
0.217	1.23	.901766303D -1	6491.883	0.421D 8	23:14	
0.250	1.20	.791812460D -1	6493.454	0.422D 8	23:16	
0.283	1.18	.705810743D -1	6494.240	0.422D 8	23:18	
0.317	1.16	.636690799D -1	6491.097	0.421D 8	23:20	
0.350	1.14	.579919470D -1	6491.883	0.421D 8	23:22	
0.383	1.13	.532455120D -1	6491.097	0.421D 8	23:24	
0.417	1.12	.492180227D -1	6490.311	0.421D 8	23:26	
0.450	1.11	.457574906D -1	6490.311	0.421D 8	23:28	
0.483	1.10	.427519804D -1	6490.311	0.421D 8	23:30	
0.517	1.10	.401172232D -1	6488.740	0.421D 8	23:32	
0.550	1.09	.377885609D -1	6488.740	0.421D 8	23:34	
0.583	1.09	.357155523D -1	6487.954	0.421D 8	23:36	
0.617	1.08	.338582673D -1	6488.740	0.421D 8	23:38	
0.650	1.08	.321846834D -1	6487.169	0.421D 8	23:40	
0.683	1.07	.306688198D -1	6487.954	0.421D 8	23:42	
0.717	1.07	.292893761D -1	6486.383	0.421D 8	23:44	
0.750	1.07	.280287236D -1	6487.169	0.421D 8	23:46	
0.783	1.06	.268721464D -1	6486.383	0.421D 8	23:48	
0.817	1.06	.258072636D -1	6484.812	0.421D 8	23:50	
0.850	1.06	.248235837D -1	6486.383	0.421D 8	23:52	
0.883	1.06	.239121574D -1	6485.597	0.421D 8	23:54	
0.917	1.05	.230653041D -1	6486.383	0.421D 8	23:56	
0.950	1.05	.222763947D -1	6487.169	0.421D 8	23:58	
0.983	1.05	.215396779D -1	6485.597	0.421D 8	0: 0	24-12-81
1.017	1.05	.208501390D -1	6487.954	0.421D 8	0: 2	
1.050	1.05	.202033861D -1	6486.383	0.421D 8	0: 4	
1.083	1.05	.195955561D -1	6486.383	0.421D 8	0: 6	
1.117	1.04	.190232373D -1	6487.169	0.421D 8	0: 8	

1/30/81

SPERRY-SUN INTERNATIONAL INC.
MAGNETIC RECORDING PRESSURE GAUGE REPORT

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ESSO EXPLORATION
SLEIPNER
15/8-1

OFFSHORE NORWAY
22ND DECEMBER 1981
MRPG-1072-NOR

FINAL FLOW PERIOD GAUGE NO.0105 SENSING DEPTH AT 3676.15M

DELTA TIME	GAUGE PRESSURE	TIME	DATE	
0.000	6487.169	0: 8	24-12-81	OPEN APR-N TOOL
0.033	6488.740	0:10		OPEN CHOKE MANIFOLD
0.067	6357.533	0:12		ON 20/64" ADJ. CHOKE
0.100	6364.604	0:14		
0.133	6365.390	0:16		
0.167	6373.247	0:18		
0.200	6357.533	0:20		
0.233	6364.604	0:22		
0.267	6370.890	0:24		
0.300	6357.533	0:26		
0.333	6360.676	0:28		
0.367	6330.820	0:30		
0.400	6307.250	0:32		
0.433	6290.751	0:34		CHANGE TO 32/64" ADJ. CHOKE
0.467	6155.616	0:36		
0.500	6167.401	0:38		
0.533	6148.545	0:40		
0.567	6135.974	0:42		
0.600	6229.469	0:44		
0.633	6214.541	0:46		
0.667	6275.824	0:48		GAS TO SURFACE
0.700	6261.682	0:50		
0.733	6198.828	0:52		
0.767	6113.976	0:54		
0.800	6327.678	0:56		
0.833	6109.262	0:58		CHANGE TO 48/64" ADJ. CHOKE
0.867	6135.974	1: 0		
0.900	6135.189	1: 2		
0.933	6125.761	1: 4		
0.967	6168.187	1: 6		
1.000	6201.185	1: 8		
1.033	6183.900	1:10		
1.067	6259.325	1:12		
1.100	6291.537	1:14		
1.133	6299.394	1:16		
1.167	6300.179	1:18		
1.200	6297.037	1:20		
1.233	6306.465	1:22		CHANGE TO 56/64" ADJ. CHOKE
1.267	6305.679	1:24		
1.300	6315.107	1:26		
1.333	6319.035	1:28		
1.367	6314.321	1:30		
1.400	6095.120	1:32		
1.433	6124.189	1:34		
1.467	6133.617	1:36		
1.500	6134.403	1:38		

ESSO EXPLORATION
SLEIPNER
15/8-1OFFSHORE NORWAY
22ND DECEMBER 1981
MRPG-1072-NOR

FINAL FLOW PERIOD GAUGE NO.0105 SENSING DEPTH AT 3676.15M

DELTA TIME	GAUGE PRESSURE	TIME	DATE
1.533	6138.331	1:40	24-12-81
1.567	6151.688	1:42	
1.600	6157.188	1:44	
1.633	6159.545	1:46	
1.667	6163.473	1:48	
1.700	6166.616	1:50	
1.733	6161.902	1:52	
1.767	6168.973	1:54	
1.800	6180.758	1:56	
1.833	6186.257	1:58	
1.867	6187.829	2: 0	
1.900	6188.614	2: 2	
1.933	6190.186	2: 4	
1.967	6187.043	2: 6	
2.000	6186.257	2: 8	
2.033	6184.686	2:10	
2.067	6185.472	2:12	
2.100	6186.257	2:14	
2.133	6187.829	2:16	
2.167	6189.400	2:18	
2.200	6195.685	2:20	
2.233	6196.471	2:22	
2.267	6196.471	2:24	
2.300	6196.471	2:26	
2.333	6200.399	2:28	
2.367	6199.614	2:30	
2.400	6202.756	2:32	
2.433	6201.971	2:34	
2.467	6204.328	2:36	
2.500	6210.613	2:38	
2.533	6211.399	2:40	
2.567	6212.970	2:42	
2.600	6212.970	2:44	
2.633	6213.756	2:46	
2.667	6216.898	2:48	
2.700	6219.255	2:50	
2.733	6219.255	2:52	
2.767	6221.612	2:54	
2.800	6222.398	2:56	
2.833	6223.969	2:58	
2.867	6223.969	3: 0	
2.900	6224.755	3: 2	
2.933	6226.326	3: 4	
2.967	6227.898	3: 6	
3.000	6228.683	3: 8	
3.033	6228.683	3:10	
3.067	6227.898	3:12	

FLOWING TO SEPARATOR

ESSO EXPLORATION
SLEIPNER
15/8-1OFFSHORE NORWAY
22ND DECEMBER 1981
MRPG-1072-NOR

FINAL FLOW PERIOD GAUGE NO.0105 SENSING DEPTH AT 3676.15M

DELTA TIME	GAUGE PRESSURE	TIME	DATE
3.100	6228.683	3:14	24-12-81
3.133	6230.255	3:16	
3.167	6230.255	3:18	
3.200	6235.754	3:20	
3.233	6238.111	3:22	
3.267	6240.468	3:24	
3.300	6242.040	3:26	
3.333	6242.040	3:28	
3.367	6241.254	3:30	
3.400	6245.182	3:32	
3.433	6254.610	3:34	
3.467	6255.396	3:36	
3.500	6253.039	3:38	
3.533	6114.761	3:40	
3.567	6103.762	3:42	
3.600	6124.189	3:44	
3.633	6125.761	3:46	
3.667	6125.761	3:48	
3.700	6124.975	3:50	
3.733	6123.404	3:52	
3.767	6124.975	3:54	
3.800	6124.975	3:56	
3.833	6127.332	3:58	
3.867	6126.546	4: 0	
3.900	6125.761	4: 2	
3.933	6127.332	4: 4	
3.967	6127.332	4: 6	
4.000	6127.332	4: 8	
4.033	6127.332	4:10	
4.067	6128.118	4:12	
4.100	6127.332	4:14	
4.133	6128.903	4:16	
4.167	6126.546	4:18	
4.200	6128.118	4:20	
4.233	6129.689	4:22	
4.267	6130.475	4:24	
4.300	6130.475	4:26	
4.333	6129.689	4:28	
4.367	6131.260	4:30	
4.400	6129.689	4:32	
4.433	6130.475	4:34	
4.467	6131.260	4:36	
4.500	6128.903	4:38	
4.533	6128.903	4:40	
4.567	6128.118	4:42	
4.600	6129.689	4:44	
4.633	6128.903	4:46	

CHANGE TO 56/64" FIXED CHOKE

ESSO EXPLORATION
SLEIPNER
15/8-1OFFSHORE NORWAY
22ND DECEMBER 1981
MRPG-1072-NOR

FINAL FLOW PERIOD GAUGE NO.0105 SENSING DEPTH AT 3676.15M

DELTA TIME	GAUGE PRESSURE	TIME	DATE
4.667	6128.903	4:48	24-12-81
4.700	6128.903	4:50	
4.733	6129.689	4:52	
4.767	6130.475	4:54	
4.800	6129.689	4:56	
4.833	6129.689	4:58	
4.867	6130.475	5: 0	
4.900	6130.475	5: 2	
4.933	6128.903	5: 4	
4.967	6131.260	5: 6	
5.000	6128.903	5: 8	
5.033	6130.475	5:10	
5.067	6128.118	5:12	
5.100	6129.689	5:14	
5.133	6130.475	5:16	
5.167	6129.689	5:18	
5.200	6128.118	5:20	
5.233	6129.689	5:22	
5.267	6129.689	5:24	
5.300	6130.475	5:26	
5.333	6128.903	5:28	
5.367	6130.475	5:30	
5.400	6128.118	5:32	
5.433	6129.689	5:34	
5.467	6128.903	5:36	
5.500	6128.903	5:38	
5.533	6130.475	5:40	
5.567	6128.903	5:42	
5.600	6129.689	5:44	
5.633	6129.689	5:46	
5.667	6128.903	5:48	
5.700	6131.260	5:50	
5.733	6129.689	5:52	
5.767	6129.689	5:54	
5.800	6130.475	5:56	
5.833	6132.046	5:58	
5.867	6131.260	6: 0	
5.900	6131.260	6: 2	
5.933	6132.832	6: 4	
5.967	6130.475	6: 6	
6.000	6132.046	6: 8	
6.033	6132.046	6:10	
6.067	6132.046	6:12	
6.100	6132.832	6:14	
6.133	6132.832	6:16	
6.167	6132.046	6:18	
6.200	6133.617	6:20	

ESSO EXPLORATION
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15/8-1OFFSHORE NORWAY
22ND DECEMBER 1981
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FINAL FLOW PERIOD GAUGE NO.0105 SENSING DEPTH AT 3676.15M

DELTA TIME	GAUGE PRESSURE	TIME	DATE
6.233	6132.832	6:22	24-12-81
6.267	6133.617	6:24	
6.300	6133.617	6:26	
6.333	6133.617	6:28	
6.367	6133.617	6:30	
6.400	6132.832	6:32	
6.433	6133.617	6:34	
6.467	6132.046	6:36	
6.500	6133.617	6:38	
6.533	6133.617	6:40	
6.567	6133.617	6:42	
6.600	6132.832	6:44	
6.633	6135.974	6:46	
6.667	6134.403	6:48	
6.700	6134.403	6:50	
6.733	6134.403	6:52	
6.767	6134.403	6:54	
6.800	6133.617	6:56	
6.833	6135.189	6:58	
6.867	6135.189	7: 0	
6.900	6134.403	7: 2	
6.933	6135.974	7: 4	
6.967	6135.189	7: 6	
7.000	6135.189	7: 8	
7.033	6135.189	7:10	
7.067	6134.403	7:12	
7.100	6134.403	7:14	
7.133	6135.189	7:16	
7.167	6132.832	7:18	
7.200	6133.617	7:20	
7.233	6132.832	7:22	
7.267	6132.046	7:24	
7.300	6130.475	7:26	
7.333	6132.046	7:28	
7.367	6130.475	7:30	
7.400	6130.475	7:32	
7.433	6130.475	7:34	
7.467	6128.903	7:36	
7.500	6129.689	7:38	
7.533	6129.689	7:40	
7.567	6127.332	7:42	
7.600	6129.689	7:44	
7.633	6128.118	7:46	
7.667	6128.903	7:48	
7.700	6128.118	7:50	
7.733	6128.118	7:52	
7.767	6126.546	7:54	

ESSO EXPLORATION
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15/8-1OFFSHORE NORWAY
22ND DECEMBER 1981
MRPG-1072-NOR

FINAL FLOW PERIOD GAUGE NO.0105 SENSING DEPTH AT 3676.15M

DELTA TIME	GAUGE PRESSURE	TIME	DATE
7.800	6126.546	7:56	24-12-81
7.833	6127.332	7:58	
7.867	6127.332	8: 0	
7.900	6125.761	8: 2	
7.933	6125.761	8: 4	
7.967	6125.761	8: 6	
8.000	6126.546	8: 8	
8.033	6126.546	8:10	
8.067	6125.761	8:12	
8.100	6124.975	8:14	
8.133	6126.546	8:16	
8.167	6125.761	8:18	
8.200	6125.761	8:20	
8.233	6125.761	8:22	
8.267	6125.761	8:24	
8.300	6125.761	8:26	
8.333	6125.761	8:28	
8.367	6124.189	8:30	
8.400	6124.189	8:32	
8.433	6124.189	8:34	
8.467	6124.975	8:36	
8.500	6124.189	8:38	
8.533	6124.975	8:40	
8.567	6124.189	8:42	
8.600	6124.975	8:44	
8.633	6124.975	8:46	
8.667	6124.189	8:48	
8.700	6124.189	8:50	
8.733	6124.189	8:52	
8.767	6124.189	8:54	
8.800	6124.189	8:56	
8.833	6124.975	8:58	
8.867	6124.189	9: 0	
8.900	6123.404	9: 2	
8.933	6124.975	9: 4	
8.967	6125.761	9: 6	
9.000	6124.975	9: 8	
9.033	6124.975	9:10	
9.067	6124.975	9:12	
9.100	6125.761	9:14	
9.133	6125.761	9:16	
9.167	6125.761	9:18	
9.200	6126.546	9:20	
9.233	6124.975	9:22	
9.267	6125.761	9:24	
9.300	6126.546	9:26	
9.333	6124.975	9:28	

ESSO EXPLORATION
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22ND DECEMBER 1981
MRPG-1072-NOR

FINAL FLOW PERIOD GAUGE NO.0105 SENSING DEPTH AT 3676.15M

DELTA TIME	GAUGE PRESSURE	TIME	DATE
9.367	6125.761	9:30	24-12-81
9.400	6126.546	9:32	
9.433	6125.761	9:34	
9.467	6125.761	9:36	
9.500	6126.546	9:38	
9.533	6126.546	9:40	
9.567	6127.332	9:42	
9.600	6126.546	9:44	
9.633	6127.332	9:46	
9.667	6126.546	9:48	
9.700	6128.118	9:50	
9.733	6128.118	9:52	
9.767	6128.118	9:54	
9.800	6126.546	9:56	
9.833	6127.332	9:58	
9.867	6127.332	10: 0	
9.900	6128.118	10: 2	
9.933	6128.118	10: 4	
9.967	6128.118	10: 6	
10.000	6127.332	10: 8	
10.033	6128.118	10:10	
10.067	6128.118	10:12	
10.100	6128.118	10:14	
10.133	6128.903	10:16	
10.167	6128.903	10:18	
10.200	6128.118	10:20	
10.233	6128.118	10:22	
10.267	6127.332	10:24	
10.300	6126.546	10:26	
10.333	6126.546	10:28	
10.367	6124.975	10:30	
10.400	6124.975	10:32	
10.433	6124.189	10:34	
10.467	6124.189	10:36	
10.500	6123.404	10:38	
10.533	6123.404	10:40	
10.567	6123.404	10:42	
10.600	6123.404	10:44	
10.633	6123.404	10:46	
10.667	6123.404	10:48	
10.700	6124.975	10:50	
10.733	6123.404	10:52	
10.767	6124.189	10:54	
10.800	6122.618	10:56	
10.833	6123.404	10:58	
10.867	6122.618	11: 0	
10.900	6121.832	11: 2	

ESSO EXPLORATION
SLEIPNER
15/8-1

OFFSHORE NORWAY
22ND DECEMBER 1981
MRPG-1072-NOR

FINAL FLOW PERIOD GAUGE NO.0105 SENSING DEPTH AT 3676.15M

DELTA TIME	GAUGE PRESSURE	TIME	DATE
10.933	6123.404	11: 4	24-12-81
10.967	6121.832	11: 6	
11.000	6121.832	11: 8	
11.033	6121.832	11:10	
11.067	6121.832	11:12	
11.100	6120.261	11:14	
11.133	6120.261	11:16	
11.167	6121.047	11:18	
11.200	6121.047	11:20	
11.233	6121.047	11:22	
11.267	6120.261	11:24	
11.300	6120.261	11:26	
11.333	6120.261	11:28	
11.367	6119.475	11:30	
11.400	6119.475	11:32	
11.433	6119.475	11:34	
11.467	6119.475	11:36	
11.500	6117.904	11:38	
11.533	6118.690	11:40	
11.567	6118.690	11:42	
11.600	6118.690	11:44	
11.633	6117.904	11:46	
11.667	6118.690	11:48	
11.700	6117.118	11:50	
11.733	6117.904	11:52	
11.767	6117.904	11:54	
11.800	6117.904	11:56	
11.833	6117.904	11:58	
11.867	6117.904	12: 0	
11.900	6117.904	12: 2	
11.933	6118.690	12: 4	
11.967	6117.904	12: 6	
12.000	6116.333	12: 8	
12.033	6117.904	12:10	
12.067	6117.118	12:12	
12.100	6117.118	12:14	
12.133	6118.690	12:16	
12.167	6118.690	12:18	
12.200	6118.690	12:20	
12.233	6117.904	12:22	
12.267	6117.904	12:24	
12.300	6118.690	12:26	
12.333	6118.690	12:28	
12.367	6117.904	12:30	
12.400	6117.904	12:32	
12.433	6119.475	12:34	
12.467	6119.475	12:36	

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DELTA TIME	GAUGE PRESSURE	TIME	DATE	
12.500	6120.261	12:38	24-12-81	
12.533	6119.475	12:40		
12.567	6121.047	12:42		
12.600	6119.475	12:44		
12.633	6119.475	12:46		
12.667	6119.475	12:48		
12.700	6120.261	12:50		
12.733	6121.832	12:52		
12.767	6120.261	12:54		
12.800	6121.047	12:56		
12.833	6120.261	12:58		
12.867	6120.261	13: 0		
12.900	6120.261	13: 2		END OF FLOW PERIOD

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FINAL BUILD-UP PERIOD GAUGE NO.0105 SENSING DEPTH AT 3676.15M T=12.88

DELTA TIME	T + DT ----- DT	T + DT LOG(-----) DT	GAUGE PRESSURE	P SQUARED	TIME	DATE	
0.017	773.80	2.88862873	6415.673	0.412D	8	13: 4	24-12-81
0.050	258.60	2.41262852	6422.744	0.413D	8	13: 6	
0.083	155.56	2.19189793	6426.672	0.413D	8	13: 8	
0.117	111.40	2.04688519	6425.886	0.413D	8	13:10	
0.150	86.87	1.93885316	6429.029	0.413D	8	13:12	
0.183	71.25	1.85281257	6429.815	0.413D	8	13:14	
0.217	60.45	1.78136867	6430.600	0.414D	8	13:16	
0.250	52.52	1.72032472	6432.957	0.414D	8	13:18	
0.283	46.46	1.66706821	6432.957	0.414D	8	13:20	
0.317	41.67	1.61986190	6433.743	0.414D	8	13:22	
0.350	37.80	1.57749180	6436.100	0.414D	8	13:24	
0.383	34.60	1.53907610	6436.100	0.414D	8	13:26	
0.417	31.91	1.50395402	6436.100	0.414D	8	13:28	
0.450	29.62	1.47161764	6438.457	0.415D	8	13:30	
0.483	27.65	1.44166805	6438.457	0.415D	8	13:32	
0.517	25.93	1.41378631	6440.028	0.415D	8	13:34	
0.550	24.42	1.38771332	6440.028	0.415D	8	13:36	
0.583	23.08	1.36323580	6440.814	0.415D	8	13:38	
0.617	21.89	1.34017605	6440.814	0.415D	8	13:40	
0.650	20.82	1.31838444	6440.814	0.415D	8	13:42	
0.683	19.85	1.29773383	6440.814	0.415D	8	13:44	
0.717	18.97	1.27811525	6439.243	0.415D	8	13:46	
0.750	18.17	1.25943459	6440.028	0.415D	8	13:48	
0.783	17.44	1.24161006	6439.243	0.415D	8	13:50	
0.817	16.77	1.22457006	6440.028	0.415D	8	13:52	
0.850	16.15	1.20825161	6439.243	0.415D	8	13:54	
0.883	15.58	1.19259901	6438.457	0.415D	8	13:56	
0.917	15.05	1.17756273	6440.814	0.415D	8	13:58	
0.950	14.56	1.16309857	6440.814	0.415D	8	14: 0	
0.983	14.10	1.14916690	6440.814	0.415D	8	14: 2	
1.017	13.67	1.13573206	6438.457	0.415D	8	14: 4	
1.050	13.27	1.12276182	6438.457	0.415D	8	14: 6	
1.083	12.89	1.11022700	6438.457	0.415D	8	14: 8	
1.117	12.53	1.09810107	6440.814	0.415D	8	14:10	
1.150	12.20	1.08635983	6442.385	0.415D	8	14:12	
1.183	11.88	1.07498117	6440.028	0.415D	8	14:14	
1.217	11.59	1.06394482	6440.028	0.415D	8	14:16	
1.250	11.30	1.05323215	6441.600	0.415D	8	14:18	
1.283	11.04	1.04282600	6442.385	0.415D	8	14:20	
1.317	10.78	1.03271054	6443.957	0.415D	8	14:22	
1.350	10.54	1.02287113	6442.385	0.415D	8	14:24	
1.383	10.31	1.01329419	6443.957	0.415D	8	14:26	
1.417	10.09	1.00396712	6442.385	0.415D	8	14:28	
1.450	9.88	.994878188	6443.957	0.415D	8	14:30	
1.483	9.68	.986016483	6446.314	0.416D	8	14:32	

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DELTA TIME	T + DT ----- DT	T + DT LOG(-----) DT	GAUGE PRESSURE	P SQUARED	TIME	DATE
1.517	9.49	.977371807	6447.885	0.416D	8 14:34	24-12-81
1.550	9.31	.968934633	6445.528	0.415D	8 14:36	
1.583	9.13	.960696041	6445.528	0.415D	8 14:38	
1.617	8.97	.952647669	6446.314	0.416D	8 14:40	
1.650	8.81	.944781670	6447.099	0.416D	8 14:42	
1.683	8.65	.937090667	6445.528	0.415D	8 14:44	
1.717	8.50	.929567716	6446.314	0.416D	8 14:46	
1.750	8.36	.922206277	6443.957	0.415D	8 14:48	
1.783	8.22	.915000180	6445.528	0.415D	8 14:50	
1.817	8.09	.907943597	6446.314	0.416D	8 14:52	
1.850	7.96	.901031018	6446.314	0.416D	8 14:54	
1.883	7.84	.894257232	6445.528	0.415D	8 14:56	
1.917	7.72	.887617300	6445.528	0.415D	8 14:58	
1.950	7.61	.881106540	6446.314	0.416D	8 15: 0	
1.983	7.49	.874720507	6447.099	0.416D	8 15: 2	
2.017	7.39	.868454980	6446.314	0.416D	8 15: 4	
2.050	7.28	.862305947	6447.099	0.416D	8 15: 6	
2.083	7.18	.856269588	6445.528	0.415D	8 15: 8	
2.117	7.09	.850342268	6445.528	0.415D	8 15:10	
2.150	6.99	.844520521	6447.099	0.416D	8 15:12	
2.183	6.90	.838801041	6447.885	0.416D	8 15:14	
2.217	6.81	.833180675	6447.099	0.416D	8 15:16	
2.250	6.72	.827656410	6446.314	0.416D	8 15:18	
2.283	6.64	.822225365	6446.314	0.416D	8 15:20	
2.317	6.56	.816884788	6447.099	0.416D	8 15:22	
2.350	6.48	.811632041	6449.456	0.416D	8 15:24	
2.383	6.40	.806464602	6449.456	0.416D	8 15:26	
2.417	6.33	.801380051	6448.671	0.416D	8 15:28	
2.450	6.26	.796376070	6450.242	0.416D	8 15:30	
2.483	6.19	.791450435	6450.242	0.416D	8 15:32	
2.517	6.12	.786601011	6450.242	0.416D	8 15:34	
2.550	6.05	.781825746	6451.028	0.416D	8 15:36	
2.583	5.99	.777122670	6450.242	0.416D	8 15:38	
2.617	5.92	.772489889	6450.242	0.416D	8 15:40	
2.650	5.86	.767925582	6451.028	0.416D	8 15:42	
2.683	5.80	.763427994	6451.028	0.416D	8 15:44	
2.717	5.74	.758995436	6450.242	0.416D	8 15:46	
2.750	5.68	.754626284	6451.813	0.416D	8 15:48	
2.783	5.63	.750318970	6450.242	0.416D	8 15:50	
2.817	5.57	.746071981	6451.028	0.416D	8 15:52	
2.850	5.52	.741883863	6451.028	0.416D	8 15:54	
2.883	5.47	.737753207	6451.028	0.416D	8 15:56	
2.917	5.42	.733678656	6450.242	0.416D	8 15:58	
2.950	5.37	.729658899	6452.599	0.416D	8 16: 0	
2.983	5.32	.725692669	6451.813	0.416D	8 16: 2	
3.017	5.27	.721778743	6451.813	0.416D	8 16: 4	

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DELTA TIME	T + DT ----- DT	T + DT LOG(-----) DT	GAUGE PRESSURE	P SQUARED	TIME	DATE
3.050	5.22	.717915936	6451.028	0.416D	8 16: 6	24-12-81
3.083	5.18	.714103104	6451.028	0.416D	8 16: 8	
3.117	5.13	.710339139	6452.599	0.416D	8 16:10	
3.150	5.09	.706622969	6451.813	0.416D	8 16:12	
3.183	5.05	.702953555	6451.813	0.416D	8 16:14	
3.217	5.00	.699329892	6451.813	0.416D	8 16:16	
3.250	4.96	.695751006	6451.813	0.416D	8 16:18	
3.283	4.92	.692215954	6452.599	0.416D	8 16:20	
3.317	4.88	.688723818	6451.813	0.416D	8 16:22	
3.350	4.84	.685273713	6451.813	0.416D	8 16:24	
3.383	4.81	.681864776	6454.170	0.417D	8 16:26	
3.417	4.77	.678496172	6453.385	0.416D	8 16:28	
3.450	4.73	.675167090	6453.385	0.416D	8 16:30	
3.483	4.70	.671876742	6453.385	0.416D	8 16:32	
3.517	4.66	.668624363	6452.599	0.416D	8 16:34	
3.550	4.63	.665409210	6453.385	0.416D	8 16:36	
3.583	4.59	.662230562	6453.385	0.416D	8 16:38	
3.617	4.56	.659087716	6454.170	0.417D	8 16:40	
3.650	4.53	.655979989	6454.170	0.417D	8 16:42	
3.683	4.50	.652906719	6453.385	0.416D	8 16:44	
3.717	4.47	.649867259	6453.385	0.416D	8 16:46	
3.750	4.43	.646860981	6452.599	0.416D	8 16:48	
3.783	4.40	.643887275	6454.956	0.417D	8 16:50	
3.817	4.37	.640945545	6454.170	0.417D	8 16:52	
3.850	4.35	.638035211	6453.385	0.416D	8 16:54	
3.883	4.32	.635155710	6454.956	0.417D	8 16:56	
3.917	4.29	.632306492	6454.170	0.417D	8 16:58	
3.950	4.26	.629487020	6455.742	0.417D	8 17: 0	
3.983	4.23	.626696774	6454.956	0.417D	8 17: 2	
4.017	4.21	.623935244	6454.170	0.417D	8 17: 4	
4.050	4.18	.621201935	6454.956	0.417D	8 17: 6	
4.083	4.15	.618496362	6454.956	0.417D	8 17: 8	
4.117	4.13	.615818054	6454.170	0.417D	8 17:10	
4.150	4.10	.613166551	6455.742	0.417D	8 17:12	
4.183	4.08	.610541404	6454.956	0.417D	8 17:14	
4.217	4.05	.607942174	6454.956	0.417D	8 17:16	
4.250	4.03	.605368433	6455.742	0.417D	8 17:18	
4.283	4.01	.602819764	6454.956	0.417D	8 17:20	
4.317	3.98	.600295759	6454.956	0.417D	8 17:22	
4.350	3.96	.597796020	6454.956	0.417D	8 17:24	
4.383	3.94	.595320158	6454.170	0.417D	8 17:26	
4.417	3.92	.592867792	6455.742	0.417D	8 17:28	
4.450	3.89	.590438552	6454.956	0.417D	8 17:30	
4.483	3.87	.588032073	6455.742	0.417D	8 17:32	
4.517	3.85	.585648002	6457.313	0.417D	8 17:34	
4.550	3.83	.583285990	6455.742	0.417D	8 17:36	

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DELTA TIME	T + DT ----- DT	T + DT LOG(-----) DT	GAUGE PRESSURE	P SQUARED	TIME	DATE
4.583	3.81	.580945700	6454.956	0.417D	8	17:38
4.617	3.79	.578626799	6454.956	0.417D	8	17:40
4.650	3.77	.576328963	6454.170	0.417D	8	17:42
4.683	3.75	.574051874	6456.527	0.417D	8	17:44
4.717	3.73	.571795222	6454.956	0.417D	8	17:46
4.750	3.71	.569558703	6456.527	0.417D	8	17:48
4.783	3.69	.567342018	6455.742	0.417D	8	17:50
4.817	3.67	.565144878	6454.170	0.417D	8	17:52
4.850	3.66	.562966997	6456.527	0.417D	8	17:54
4.883	3.64	.560808096	6456.527	0.417D	8	17:56
4.917	3.62	.558667901	6456.527	0.417D	8	17:58
4.950	3.60	.556546144	6458.099	0.417D	8	18: 0
4.983	3.58	.554442564	6457.313	0.417D	8	18: 2
5.017	3.57	.552356904	6456.527	0.417D	8	18: 4
5.050	3.55	.550288911	6457.313	0.417D	8	18: 6
5.083	3.53	.548238340	6456.527	0.417D	8	18: 8
5.117	3.52	.546204948	6455.742	0.417D	8	18:10
5.150	3.50	.544188498	6455.742	0.417D	8	18:12
5.183	3.48	.542188758	6454.956	0.417D	8	18:14
5.217	3.47	.540205500	6456.527	0.417D	8	18:16
5.250	3.45	.538238501	6456.527	0.417D	8	18:18
5.283	3.44	.536287541	6455.742	0.417D	8	18:20
5.317	3.42	.534352407	6458.099	0.417D	8	18:22
5.350	3.41	.532432887	6456.527	0.417D	8	18:24
5.383	3.39	.530528774	6456.527	0.417D	8	18:26
5.417	3.38	.528639865	6456.527	0.417D	8	18:28
5.450	3.36	.526765963	6456.527	0.417D	8	18:30
5.483	3.35	.524906870	6456.527	0.417D	8	18:32
5.517	3.33	.523062396	6457.313	0.417D	8	18:34
5.550	3.32	.521232352	6456.527	0.417D	8	18:36
5.583	3.31	.519416554	6458.099	0.417D	8	18:38
5.617	3.29	.517614820	6457.313	0.417D	8	18:40
5.650	3.28	.515826971	6457.313	0.417D	8	18:42
5.683	3.27	.514052835	6457.313	0.417D	8	18:44
5.717	3.25	.512292237	6458.099	0.417D	8	18:46
5.750	3.24	.510545010	6458.099	0.417D	8	18:48
5.783	3.23	.508810988	6460.456	0.417D	8	18:50
5.817	3.21	.507090009	6458.099	0.417D	8	18:52
5.850	3.20	.505381911	6458.884	0.417D	8	18:54
5.883	3.19	.503686539	6458.884	0.417D	8	18:56
5.917	3.18	.502003737	6458.884	0.417D	8	18:58
5.950	3.16	.500333354	6459.670	0.417D	8	19: 0
5.983	3.15	.498675241	6458.884	0.417D	8	19: 2
6.017	3.14	.497029251	6459.670	0.417D	8	19: 4
6.050	3.13	.495395239	6459.670	0.417D	8	19: 6
6.083	3.12	.493773065	6459.670	0.417D	8	19: 8

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DELTA TIME	T + DT ----- DT	T + DT LOG(-----) DT	GAUGE PRESSURE	P SQUARED	TIME	DATE
6.117	3.11	.492162588	6460.456	0.417D	8 19:10	24-12-81
6.150	3.09	.490563673	6460.456	0.417D	8 19:12	
6.183	3.08	.488976183	6459.670	0.417D	8 19:14	
6.217	3.07	.487399986	6460.456	0.417D	8 19:16	
6.250	3.06	.485834953	6459.670	0.417D	8 19:18	
6.283	3.05	.484280954	6458.099	0.417D	8 19:20	
6.317	3.04	.482737864	6458.884	0.417D	8 19:22	
6.350	3.03	.481205559	6458.884	0.417D	8 19:24	
6.383	3.02	.479683916	6459.670	0.417D	8 19:26	
6.417	3.01	.478172816	6459.670	0.417D	8 19:28	
6.450	3.00	.476672139	6458.884	0.417D	8 19:30	
6.483	2.99	.475181771	6462.027	0.418D	8 19:32	
6.517	2.98	.473701595	6460.456	0.417D	8 19:34	
6.550	2.97	.472231501	6460.456	0.417D	8 19:36	
6.583	2.96	.470771375	6461.241	0.417D	8 19:38	
6.617	2.95	.469321110	6459.670	0.417D	8 19:40	
6.650	2.94	.467880598	6459.670	0.417D	8 19:42	
6.683	2.93	.466449733	6459.670	0.417D	8 19:44	
6.717	2.92	.465028410	6459.670	0.417D	8 19:46	
6.750	2.91	.463616527	6459.670	0.417D	8 19:48	
6.783	2.90	.462213983	6458.099	0.417D	8 19:50	
6.817	2.89	.460820678	6459.670	0.417D	8 19:52	
6.850	2.88	.459436514	6458.884	0.417D	8 19:54	
6.883	2.87	.458061394	6458.884	0.417D	8 19:56	
6.917	2.86	.456695224	6458.099	0.417D	8 19:58	
6.950	2.85	.455337910	6459.670	0.417D	8 20: 0	
6.983	2.84	.453989358	6460.456	0.417D	8 20: 2	
7.017	2.84	.452649479	6460.456	0.417D	8 20: 4	
7.050	2.83	.451318182	6460.456	0.417D	8 20: 6	
7.083	2.82	.449995379	6460.456	0.417D	8 20: 8	
7.117	2.81	.448680983	6460.456	0.417D	8 20:10	
7.150	2.80	.447374907	6459.670	0.417D	8 20:12	
7.183	2.79	.446077069	6459.670	0.417D	8 20:14	
7.217	2.78	.444787383	6461.241	0.417D	8 20:16	
7.250	2.78	.443505768	6458.884	0.417D	8 20:18	
7.283	2.77	.442232143	6458.884	0.417D	8 20:20	
7.317	2.76	.440966428	6459.670	0.417D	8 20:22	
7.350	2.75	.439708544	6460.456	0.417D	8 20:24	
7.383	2.74	.438458413	6461.241	0.417D	8 20:26	
7.417	2.74	.437215959	6459.670	0.417D	8 20:28	
7.450	2.73	.435981106	6460.456	0.417D	8 20:30	
7.483	2.72	.434753780	6461.241	0.417D	8 20:32	
7.517	2.71	.433533907	6462.027	0.418D	8 20:34	
7.550	2.71	.432321415	6461.241	0.417D	8 20:36	
7.583	2.70	.431116232	6462.027	0.418D	8 20:38	
7.617	2.69	.429918289	6461.241	0.417D	8 20:40	

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DELTA TIME	T + DT ----- DT	T + DT LOG(-----) DT	GAUGE PRESSURE	P SQUARED	TIME	DATE
7.650	2.68	.428727514	6461.241	0.417D	8	20:42
7.683	2.68	.427543841	6460.456	0.417D	8	20:44
7.717	2.67	.426367200	6462.027	0.418D	8	20:46
7.750	2.66	.425197525	6462.027	0.418D	8	20:48
7.783	2.65	.424034751	6462.027	0.418D	8	20:50
7.817	2.65	.422878813	6461.241	0.417D	8	20:52
7.850	2.64	.421729645	6461.241	0.417D	8	20:54
7.883	2.63	.420587186	6463.598	0.418D	8	20:56
7.917	2.63	.419451372	6462.027	0.418D	8	20:58
7.950	2.62	.418322141	6462.813	0.418D	8	21: 0
7.983	2.61	.417199434	6462.813	0.418D	8	21: 2
8.017	2.61	.416083189	6462.027	0.418D	8	21: 4
8.050	2.60	.414973348	6461.241	0.417D	8	21: 6
8.083	2.59	.413869852	6462.027	0.418D	8	21: 8
8.117	2.59	.412772643	6462.813	0.418D	8	21:10
8.150	2.58	.411681664	6462.027	0.418D	8	21:12
8.183	2.57	.410596859	6462.813	0.418D	8	21:14
8.217	2.57	.409518172	6462.813	0.418D	8	21:16
8.250	2.56	.408445549	6465.170	0.418D	8	21:18
8.283	2.55	.407378934	6462.813	0.418D	8	21:20
8.317	2.55	.406318275	6463.598	0.418D	8	21:22
8.350	2.54	.405263519	6463.598	0.418D	8	21:24
8.383	2.54	.404214613	6463.598	0.418D	8	21:26
8.417	2.53	.403171506	6464.384	0.418D	8	21:28
8.450	2.52	.402134146	6464.384	0.418D	8	21:30
8.483	2.52	.401102485	6463.598	0.418D	8	21:32
8.517	2.51	.400076471	6464.384	0.418D	8	21:34
8.550	2.51	.399056056	6463.598	0.418D	8	21:36
8.583	2.50	.398041192	6465.955	0.418D	8	21:38
8.617	2.49	.397031830	6465.170	0.418D	8	21:40
8.650	2.49	.396027922	6463.598	0.418D	8	21:42
8.683	2.48	.395029424	6463.598	0.418D	8	21:44
8.717	2.48	.394036287	6463.598	0.418D	8	21:46
8.750	2.47	.393048466	6463.598	0.418D	8	21:48
8.783	2.47	.392065917	6465.170	0.418D	8	21:50
8.817	2.46	.391088595	6465.170	0.418D	8	21:52
8.850	2.46	.390116456	6465.170	0.418D	8	21:54
8.883	2.45	.389149455	6464.384	0.418D	8	21:56
8.917	2.44	.388187551	6464.384	0.418D	8	21:58
8.950	2.44	.387230700	6464.384	0.418D	8	22: 0
8.983	2.43	.386278861	6463.598	0.418D	8	22: 2
9.017	2.43	.385331992	6463.598	0.418D	8	22: 4
9.050	2.42	.384390052	6463.598	0.418D	8	22: 6
9.083	2.42	.383453001	6464.384	0.418D	8	22: 8
9.117	2.41	.382520798	6463.598	0.418D	8	22:10
9.150	2.41	.381593403	6464.384	0.418D	8	22:12

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DELTA TIME	T + DT ----- DT	T + DT LOG(-----) DT	GAUGE PRESSURE	P SQUARED	TIME	DATE
9.183	2.40	.380670778	6462.813	0.418D	8	22:14
9.217	2.40	.379752883	6463.598	0.418D	8	22:16
9.250	2.39	.378839681	6462.813	0.418D	8	22:18
9.283	2.39	.377931133	6462.027	0.418D	8	22:20
9.317	2.38	.377027203	6464.384	0.418D	8	22:22
9.350	2.38	.376127852	6463.598	0.418D	8	22:24
9.383	2.37	.375233044	6462.813	0.418D	8	22:26
9.417	2.37	.374342744	6464.384	0.418D	8	22:28
9.450	2.36	.373456915	6462.813	0.418D	8	22:30
9.483	2.36	.372575521	6464.384	0.418D	8	22:32
9.517	2.35	.371698529	6464.384	0.418D	8	22:34
9.550	2.35	.370825902	6464.384	0.418D	8	22:36
9.583	2.34	.369957607	6464.384	0.418D	8	22:38
9.617	2.34	.369093611	6464.384	0.418D	8	22:40
9.650	2.33	.368233878	6463.598	0.418D	8	22:42
9.683	2.33	.367378377	6465.170	0.418D	8	22:44
9.717	2.33	.366527075	6465.170	0.418D	8	22:46
9.750	2.32	.365679938	6465.955	0.418D	8	22:48
9.783	2.32	.364836936	6465.170	0.418D	8	22:50
9.817	2.31	.363998035	6465.170	0.418D	8	22:52
9.850	2.31	.363163205	6464.384	0.418D	8	22:54
9.883	2.30	.362332415	6464.384	0.418D	8	22:56
9.917	2.30	.361505634	6465.170	0.418D	8	22:58
9.950	2.29	.360682831	6464.384	0.418D	8	23: 0
9.983	2.29	.359863976	6463.598	0.418D	8	23: 2
10.017	2.29	.359049040	6464.384	0.418D	8	23: 4
10.050	2.28	.358237993	6465.170	0.418D	8	23: 6
10.083	2.28	.357430806	6464.384	0.418D	8	23: 8
10.117	2.27	.356627450	6463.598	0.418D	8	23:10
10.150	2.27	.355827896	6463.598	0.418D	8	23:12
10.183	2.26	.355032116	6463.598	0.418D	8	23:14
10.217	2.26	.354240082	6463.598	0.418D	8	23:16
10.250	2.26	.353451767	6463.598	0.418D	8	23:18
10.283	2.25	.352667143	6464.384	0.418D	8	23:20
10.317	2.25	.351886183	6465.955	0.418D	8	23:22
10.350	2.24	.351108860	6465.170	0.418D	8	23:24
10.383	2.24	.350335147	6465.170	0.418D	8	23:26
10.417	2.24	.349565019	6463.598	0.418D	8	23:28
10.450	2.23	.348798448	6463.598	0.418D	8	23:30
10.483	2.23	.348035410	6463.598	0.418D	8	23:32
10.517	2.22	.347275879	6462.813	0.418D	8	23:34
10.550	2.22	.346519829	6464.384	0.418D	8	23:36
10.583	2.22	.345767236	6464.384	0.418D	8	23:38
10.617	2.21	.345018074	6464.384	0.418D	8	23:40
10.650	2.21	.344272319	6465.170	0.418D	8	23:42
10.683	2.21	.343529948	6465.955	0.418D	8	23:44

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DELTA TIME	T + DT ----- DT	T + DT LOG(-----) DT	GAUGE PRESSURE	P SQUARED	TIME	DATE
10.717	2.20	.342790935	6465.955	0.418D	8 23:46	24-12-81
10.750	2.20	.342055257	6465.955	0.418D	8 23:48	
10.783	2.19	.341322891	6467.527	0.418D	8 23:50	
10.817	2.19	.340593813	6466.741	0.418D	8 23:52	
10.850	2.19	.339868000	6465.955	0.418D	8 23:54	
10.883	2.18	.339145429	6466.741	0.418D	8 23:56	
10.917	2.18	.338426078	6467.527	0.418D	8 23:58	
10.950	2.18	.337709923	6465.955	0.418D	8 0: 0	25-12-81
10.983	2.17	.336996943	6465.955	0.418D	8 0: 2	
11.017	2.17	.336287117	6467.527	0.418D	8 0: 4	
11.050	2.17	.335580421	6466.741	0.418D	8 0: 6	
11.083	2.16	.334876834	6467.527	0.418D	8 0: 8	
11.117	2.16	.334176335	6467.527	0.418D	8 0:10	
11.150	2.16	.333478903	6466.741	0.418D	8 0:12	
11.183	2.15	.332784517	6466.741	0.418D	8 0:14	
11.217	2.15	.332093156	6465.955	0.418D	8 0:16	
11.250	2.14	.331404799	6465.170	0.418D	8 0:18	
11.283	2.14	.330719427	6466.741	0.418D	8 0:20	
11.317	2.14	.330037018	6465.955	0.418D	8 0:22	
11.350	2.13	.329357553	6465.170	0.418D	8 0:24	
11.383	2.13	.328681011	6466.741	0.418D	8 0:26	
11.417	2.13	.328007374	6465.955	0.418D	8 0:28	
11.450	2.12	.327336622	6467.527	0.418D	8 0:30	
11.483	2.12	.326668736	6465.955	0.418D	8 0:32	
11.517	2.12	.326003695	6465.170	0.418D	8 0:34	
11.550	2.12	.325341483	6465.955	0.418D	8 0:36	
11.583	2.11	.324682079	6463.598	0.418D	8 0:38	
11.617	2.11	.324025465	6465.955	0.418D	8 0:40	
11.650	2.11	.323371623	6465.170	0.418D	8 0:42	
11.683	2.10	.322720534	6465.170	0.418D	8 0:44	
11.717	2.10	.322072181	6466.741	0.418D	8 0:46	
11.750	2.10	.321426545	6466.741	0.418D	8 0:48	
11.783	2.09	.320783609	6465.955	0.418D	8 0:50	
11.817	2.09	.320143355	6466.741	0.418D	8 0:52	
11.850	2.09	.319505766	6465.955	0.418D	8 0:54	
11.883	2.08	.318870824	6465.955	0.418D	8 0:56	
11.917	2.08	.318238513	6465.955	0.418D	8 0:58	
11.950	2.08	.317608814	6466.741	0.418D	8 1: 0	
11.983	2.07	.316981712	6465.955	0.418D	8 1: 2	
12.017	2.07	.316357190	6465.955	0.418D	8 1: 4	
12.050	2.07	.315735232	6465.955	0.418D	8 1: 6	
12.083	2.07	.315115820	6466.741	0.418D	8 1: 8	
12.117	2.06	.314498938	6465.955	0.418D	8 1:10	
12.150	2.06	.313884572	6466.741	0.418D	8 1:12	
12.183	2.06	.313272704	6466.741	0.418D	8 1:14	
12.217	2.05	.312663318	6466.741	0.418D	8 1:16	

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DELTA TIME	T + DT ----- DT	T + DT LOG(-----) DT	GAUGE PRESSURE	P SQUARED	TIME	DATE
12.250	2.05	.312056400	6466.741	0.418D	8	1:18 25-12-81
12.283	2.05	.311451933	6466.741	0.418D	8	1:20
12.317	2.05	.310849903	6468.312	0.418D	8	1:22
12.350	2.04	.310250293	6467.527	0.418D	8	1:24
12.383	2.04	.309653089	6465.170	0.418D	8	1:26
12.417	2.04	.309058276	6465.955	0.418D	8	1:28
12.450	2.03	.308465838	6466.741	0.418D	8	1:30
12.483	2.03	.307875762	6467.527	0.418D	8	1:32
12.517	2.03	.307288032	6466.741	0.418D	8	1:34
12.550	2.03	.306702634	6465.955	0.418D	8	1:36
12.583	2.02	.306119554	6467.527	0.418D	8	1:38
12.617	2.02	.305538777	6465.955	0.418D	8	1:40
12.650	2.02	.304960289	6466.741	0.418D	8	1:42
12.683	2.02	.304384077	6467.527	0.418D	8	1:44
12.717	2.01	.303810125	6466.741	0.418D	8	1:46
12.750	2.01	.303238421	6466.741	0.418D	8	1:48
12.783	2.01	.302668951	6468.312	0.418D	8	1:50
12.817	2.00	.302101702	6468.312	0.418D	8	1:52
12.850	2.00	.301536659	6469.098	0.418D	8	1:54
12.883	2.00	.300973809	6467.527	0.418D	8	1:56
12.917	2.00	.300413140	6469.098	0.418D	8	1:58
12.950	1.99	.299854638	6468.312	0.418D	8	2: 0
12.983	1.99	.299298290	6469.884	0.419D	8	2: 2
13.017	1.99	.298744083	6469.098	0.418D	8	2: 4
13.050	1.99	.298192005	6469.098	0.418D	8	2: 6
13.083	1.98	.297642043	6467.527	0.418D	8	2: 8
13.117	1.98	.297094184	6469.098	0.418D	8	2:10
13.150	1.98	.296548415	6469.098	0.418D	8	2:12
13.183	1.98	.296004725	6470.669	0.419D	8	2:14
13.217	1.97	.295463101	6469.884	0.419D	8	2:16
13.250	1.97	.294923531	6470.669	0.419D	8	2:18
13.283	1.97	.294386003	6470.669	0.419D	8	2:20
13.317	1.97	.293850505	6469.884	0.419D	8	2:22
13.350	1.96	.293317025	6470.669	0.419D	8	2:24
13.383	1.96	.292785551	6469.884	0.419D	8	2:26
13.417	1.96	.292256071	6471.455	0.419D	8	2:28
13.450	1.96	.291728575	6469.884	0.419D	8	2:30
13.483	1.96	.291203050	6469.098	0.418D	8	2:32
13.517	1.95	.290679484	6469.884	0.419D	8	2:34
13.550	1.95	.290157868	6469.884	0.419D	8	2:36
13.583	1.95	.289638189	6469.098	0.418D	8	2:38
13.617	1.95	.289120436	6469.884	0.419D	8	2:40
13.650	1.94	.288604599	6469.098	0.418D	8	2:42
13.683	1.94	.288090665	6469.884	0.419D	8	2:44
13.717	1.94	.287578626	6469.098	0.418D	8	2:46
13.750	1.94	.287068468	6468.312	0.418D	8	2:48

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13.783	1.93	.286560183	6469.098	0.418D 8	2:50	25-12-81
13.817	1.93	.286053759	6469.098	0.418D 8	2:52	
13.850	1.93	.285549185	6468.312	0.418D 8	2:54	
13.883	1.93	.285046452	6470.669	0.419D 8	2:56	
13.917	1.93	.284545549	6470.669	0.419D 8	2:58	
13.950	1.92	.284046465	6469.884	0.419D 8	3: 0	
13.983	1.92	.283549191	6470.669	0.419D 8	3: 2	
14.017	1.92	.283053715	6470.669	0.419D 8	3: 4	
14.050	1.92	.282560029	6470.669	0.419D 8	3: 6	
14.083	1.91	.282068122	6469.884	0.419D 8	3: 8	
14.117	1.91	.281577984	6469.884	0.419D 8	3:10	
14.150	1.91	.281089606	6469.098	0.418D 8	3:12	
14.183	1.91	.280602977	6469.884	0.419D 8	3:14	
14.217	1.91	.280116088	6469.884	0.419D 8	3:16	
14.250	1.90	.279634929	6469.884	0.419D 8	3:18	
14.283	1.90	.279153492	6469.098	0.418D 8	3:20	
14.317	1.90	.278673765	6469.884	0.419D 8	3:22	
14.350	1.90	.278195740	6469.098	0.418D 8	3:24	
14.383	1.90	.277719408	6469.098	0.418D 8	3:26	
14.417	1.89	.277244759	6469.098	0.418D 8	3:28	
14.450	1.89	.276771785	6469.098	0.418D 8	3:30	
14.483	1.89	.276300475	6468.312	0.418D 8	3:32	
14.517	1.89	.275830821	6469.884	0.419D 8	3:34	
14.550	1.89	.275362814	6470.669	0.419D 8	3:36	
14.583	1.88	.274896445	6469.884	0.419D 8	3:38	
14.617	1.88	.274431706	6469.098	0.418D 8	3:40	
14.650	1.88	.273968587	6469.098	0.418D 8	3:42	
14.683	1.88	.273507079	6469.098	0.418D 8	3:44	
14.717	1.88	.273047175	6468.312	0.418D 8	3:46	
14.750	1.87	.272588865	6469.884	0.419D 8	3:48	
14.783	1.87	.272132140	6469.884	0.419D 8	3:50	
14.817	1.87	.271676994	6468.312	0.418D 8	3:52	
14.850	1.87	.271223416	6468.312	0.418D 8	3:54	
14.883	1.87	.270771399	6468.312	0.418D 8	3:56	
14.917	1.86	.270320934	6470.669	0.419D 8	3:58	
14.950	1.86	.269872014	6469.098	0.418D 8	4: 0	
14.983	1.86	.269424629	6469.884	0.419D 8	4: 2	
15.017	1.86	.268978773	6469.098	0.418D 8	4: 4	
15.050	1.86	.268534436	6469.098	0.418D 8	4: 6	
15.083	1.85	.268091611	6470.669	0.419D 8	4: 8	
15.117	1.85	.267650290	6470.669	0.419D 8	4:10	
15.150	1.85	.267210465	6470.669	0.419D 8	4:12	
15.183	1.85	.266772128	6469.884	0.419D 8	4:14	
15.217	1.85	.266335272	6469.884	0.419D 8	4:16	
15.250	1.84	.265899888	6469.098	0.418D 8	4:18	
15.283	1.84	.265465970	6470.669	0.419D 8	4:20	

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FINAL BUILD-UP PERIOD GAUGE NO.0105 SENSING DEPTH AT 3676.15M T=12.88

DELTA TIME	T + DT ----- DT	T + DT LOG(-----) DT	GAUGE PRESSURE	P SQUARED	TIME	DATE
15.317	1.84	.265033509	6469.884	0.419D 8	4:22	25-12-81
15.350	1.84	.264602498	6470.669	0.419D 8	4:24	
15.383	1.84	.264172930	6471.455	0.419D 8	4:26	
15.417	1.84	.263744797	6470.669	0.419D 8	4:28	
15.450	1.83	.263318091	6472.241	0.419D 8	4:30	
15.483	1.83	.262892805	6471.455	0.419D 8	4:32	
15.517	1.83	.262468933	6469.884	0.419D 8	4:34	
15.550	1.83	.262046466	6470.669	0.419D 8	4:36	
15.583	1.83	.261625398	6469.884	0.419D 8	4:38	
15.617	1.82	.261205722	6469.098	0.418D 8	4:40	
15.650	1.82	.260787430	6469.884	0.419D 8	4:42	
15.683	1.82	.260370515	6470.669	0.419D 8	4:44	
15.717	1.82	.259954971	6469.884	0.419D 8	4:46	
15.750	1.82	.259540790	6470.669	0.419D 8	4:48	
15.783	1.82	.259127966	6470.669	0.419D 8	4:50	
15.817	1.81	.258716491	6469.884	0.419D 8	4:52	
15.850	1.81	.258306359	6469.884	0.419D 8	4:54	
15.883	1.81	.257897564	6470.669	0.419D 8	4:56	
15.917	1.81	.257490098	6469.884	0.419D 8	4:58	
15.950	1.81	.257083955	6471.455	0.419D 8	5: 0	
15.983	1.81	.256679128	6470.669	0.419D 8	5: 2	
16.017	1.80	.256275611	6470.669	0.419D 8	5: 4	
16.050	1.80	.255873397	6471.455	0.419D 8	5: 6	
16.083	1.80	.255472480	6469.884	0.419D 8	5: 8	
16.117	1.80	.255072852	6470.669	0.419D 8	5:10	
16.150	1.80	.254674509	6472.241	0.419D 8	5:12	
16.183	1.80	.254277443	6470.669	0.419D 8	5:14	
16.217	1.79	.253881649	6469.884	0.419D 8	5:16	
16.250	1.79	.253487119	6470.669	0.419D 8	5:18	
16.283	1.79	.253093848	6469.098	0.418D 8	5:20	
16.317	1.79	.252701830	6471.455	0.419D 8	5:22	
16.350	1.79	.252311058	6470.669	0.419D 8	5:24	
16.383	1.79	.251921527	6470.669	0.419D 8	5:26	
16.417	1.78	.251533230	6471.455	0.419D 8	5:28	
16.450	1.78	.251146161	6470.669	0.419D 8	5:30	
16.483	1.78	.250760314	6472.241	0.419D 8	5:32	
16.517	1.78	.250375684	6472.241	0.419D 8	5:34	
16.550	1.78	.249992264	6471.455	0.419D 8	5:36	
16.583	1.78	.249610049	6471.455	0.419D 8	5:38	
16.617	1.78	.249229032	6470.669	0.419D 8	5:40	
16.650	1.77	.248849209	6470.669	0.419D 8	5:42	
16.683	1.77	.248470573	6471.455	0.419D 8	5:44	
16.717	1.77	.248093119	6472.241	0.419D 8	5:46	
16.750	1.77	.247716840	6472.241	0.419D 8	5:48	
16.783	1.77	.247341732	6471.455	0.419D 8	5:50	
16.817	1.77	.246967788	6473.026	0.419D 8	5:52	

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FINAL BUILD-UP PERIOD GAUGE NO.0105 SENSING DEPTH AT 3676.15M T=12.88

DELTA TIME	T + DT ----- DT	T + DT LOG(-----) DT	GAUGE PRESSURE	P SQUARED	TIME	DATE
16.850	1.76	.246595004	6473.026	0.419D	8	5:54 25-12-81
16.883	1.76	.246223373	6472.241	0.419D	8	5:56
16.917	1.76	.245852891	6472.241	0.419D	8	5:58
16.950	1.76	.245483551	6471.455	0.419D	8	6: 0
16.983	1.76	.245115348	6471.455	0.419D	8	6: 2
17.017	1.76	.244748278	6472.241	0.419D	8	6: 4
17.050	1.76	.244382334	6471.455	0.419D	8	6: 6
17.083	1.75	.244017511	6471.455	0.419D	8	6: 8
17.117	1.75	.243653804	6471.455	0.419D	8	6:10
17.150	1.75	.243291208	6471.455	0.419D	8	6:12
17.183	1.75	.242929717	6471.455	0.419D	8	6:14
17.217	1.75	.242569327	6470.669	0.419D	8	6:16
17.250	1.75	.242210032	6469.884	0.419D	8	6:18
17.283	1.75	.241851827	6470.669	0.419D	8	6:20
17.317	1.74	.241494708	6471.455	0.419D	8	6:22
17.350	1.74	.241138668	6470.669	0.419D	8	6:24
17.383	1.74	.240783703	6473.026	0.419D	8	6:26
17.417	1.74	.240429809	6470.669	0.419D	8	6:28
17.450	1.74	.240076979	6472.241	0.419D	8	6:30
17.483	1.74	.239725210	6472.241	0.419D	8	6:32
17.517	1.74	.239374495	6473.026	0.419D	8	6:34
17.550	1.73	.239024832	6472.241	0.419D	8	6:36
17.583	1.73	.238676213	6472.241	0.419D	8	6:38
17.617	1.73	.238328636	6471.455	0.419D	8	6:40
17.650	1.73	.237982095	6471.455	0.419D	8	6:42
17.683	1.73	.237636584	6471.455	0.419D	8	6:44
17.717	1.73	.237292101	6471.455	0.419D	8	6:46
17.750	1.73	.236948639	6471.455	0.419D	8	6:48
17.783	1.72	.236606195	6470.669	0.419D	8	6:50
17.817	1.72	.236264763	6471.455	0.419D	8	6:52
17.850	1.72	.235924340	6473.026	0.419D	8	6:54
17.883	1.72	.235584920	6471.455	0.419D	8	6:56
17.917	1.72	.235246499	6471.455	0.419D	8	6:58
17.950	1.72	.234909072	6471.455	0.419D	8	7: 0
17.983	1.72	.234572635	6473.812	0.419D	8	7: 2
18.017	1.71	.234237184	6471.455	0.419D	8	7: 4
18.050	1.71	.233902714	6472.241	0.419D	8	7: 6
18.083	1.71	.233569220	6472.241	0.419D	8	7: 8
18.117	1.71	.233236699	6472.241	0.419D	8	7:10
18.150	1.71	.232905146	6471.455	0.419D	8	7:12
18.183	1.71	.232574557	6471.455	0.419D	8	7:14
18.217	1.71	.232244927	6471.455	0.419D	8	7:16
18.250	1.71	.231916252	6471.455	0.419D	8	7:18
18.283	1.70	.231588528	6472.241	0.419D	8	7:20
18.317	1.70	.231261751	6472.241	0.419D	8	7:22
18.350	1.70	.230935916	6471.455	0.419D	8	7:24

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DELTA TIME	T + DT ----- DT	T + DT LOG(-----) DT	GAUGE PRESSURE	P SQUARED	TIME	DATE
18.383	1.70	.230611019	6471.455	0.419D 8	7:26	25-12-81
18.417	1.70	.230287057	6471.455	0.419D 8	7:28	
18.450	1.70	.229964024	6474.598	0.419D 8	7:30	
18.483	1.70	.229641918	6473.026	0.419D 8	7:32	
18.517	1.70	.229320734	6474.598	0.419D 8	7:34	
18.550	1.69	.229000467	6475.383	0.419D 8	7:36	
18.583	1.69	.228681114	6473.812	0.419D 8	7:38	
18.617	1.69	.228362672	6474.598	0.419D 8	7:40	
18.650	1.69	.228045135	6475.383	0.419D 8	7:42	
18.683	1.69	.227728500	6473.812	0.419D 8	7:44	
18.717	1.69	.227412763	6473.812	0.419D 8	7:46	
18.750	1.69	.227097920	6473.026	0.419D 8	7:48	
18.783	1.69	.226783967	6473.026	0.419D 8	7:50	
18.817	1.68	.226470901	6473.812	0.419D 8	7:52	
18.850	1.68	.226158718	6473.812	0.419D 8	7:54	
18.883	1.68	.225847413	6474.598	0.419D 8	7:56	
18.917	1.68	.225536983	6474.598	0.419D 8	7:58	
18.950	1.68	.225227424	6475.383	0.419D 8	8: 0	
18.983	1.68	.224918733	6474.598	0.419D 8	8: 2	
19.017	1.68	.224610906	6476.169	0.419D 8	8: 4	
19.050	1.68	.224303939	6475.383	0.419D 8	8: 6	
19.083	1.67	.223997828	6474.598	0.419D 8	8: 8	
19.117	1.67	.223692569	6473.812	0.419D 8	8:10	
19.150	1.67	.223388160	6474.598	0.419D 8	8:12	
19.183	1.67	.223084597	6475.383	0.419D 8	8:14	
19.217	1.67	.222781875	6474.598	0.419D 8	8:16	
19.250	1.67	.222479992	6474.598	0.419D 8	8:18	
19.283	1.67	.222178943	6475.383	0.419D 8	8:20	
19.317	1.67	.221878726	6474.598	0.419D 8	8:22	
19.350	1.67	.221579336	6473.812	0.419D 8	8:24	
19.383	1.66	.221280771	6473.812	0.419D 8	8:26	
19.417	1.66	.220983026	6473.026	0.419D 8	8:28	
19.450	1.66	.220686099	6473.812	0.419D 8	8:30	
19.483	1.66	.220389986	6473.812	0.419D 8	8:32	
19.517	1.66	.220094683	6473.812	0.419D 8	8:34	
19.550	1.66	.219800187	6473.812	0.419D 8	8:36	
19.583	1.66	.219506495	6473.812	0.419D 8	8:38	
19.617	1.66	.219213603	6473.812	0.419D 8	8:40	
19.650	1.66	.218921509	6474.598	0.419D 8	8:42	
19.683	1.65	.218630208	6473.812	0.419D 8	8:44	
19.717	1.65	.218339697	6474.598	0.419D 8	8:46	
19.750	1.65	.218049974	6474.598	0.419D 8	8:48	
19.783	1.65	.217761034	6473.812	0.419D 8	8:50	
19.817	1.65	.217472876	6476.169	0.419D 8	8:52	
19.850	1.65	.217185494	6476.169	0.419D 8	8:54	
19.883	1.65	.216898887	6474.598	0.419D 8	8:56	

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FINAL BUILD-UP PERIOD GAUGE NO.0105 SENSING DEPTH AT 3676.15M T=12.88

DELTA TIME	T + DT ----- DT	T + DT LOG(-----) DT	GAUGE PRESSURE	P SQUARED	TIME	DATE
19.917	1.65	.216613051	6474.598	0.419D 8	8:58	25-12-81
19.950	1.65	.216327983	6474.598	0.419D 8	9: 0	
19.983	1.64	.216043679	6475.383	0.419D 8	9: 2	
20.017	1.64	.215760137	6474.598	0.419D 8	9: 4	
20.050	1.64	.215477354	6475.383	0.419D 8	9: 6	

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BULLHEADING PERIOD GAUGE NO.0105 SENSING DEPTH AT 3676.15M

DELTA TIME	GAUGE PRESSURE	TIME	DATE	
-0.017	6475.383	9: 6	25-12-81	OPEN APR-N TOOL
0.017	6488.740	9: 8		COMMENCE BULLHEADING
0.050	7333.334	9:10		
0.083	8307.564	9:12		
0.117	9235.439	9:14		
0.150	10054.891	9:16		
0.183	10828.775	9:18		
0.217	11153.257	9:20		
0.250	11425.884	9:22		
0.283	11465.953	9:24		
0.317	11290.749	9:26		
0.350	11068.404	9:28		
0.383	10834.275	9:30		
0.417	10625.287	9:32		
0.450	10709.354	9:34		
0.483	10422.585	9:36		
0.517	10489.366	9:38		
0.550	10590.718	9:40		STOP BULLHEADING

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FALL OFF PERIOD GAUGE NO.0105 SENSING DEPTH AT 3676.15M

DELTA TIME	GAUGE PRESSURE	TIME	DATE	
0.000	10590.718	9:40	25-12-81	STOP BULLHEADING
0.033	9782.264	9:42		& CLOSE APR-N TOOL
0.067	8781.322	9:44		
0.100	8058.507	9:46		
0.133	7554.893	9:48		
0.167	7257.124	9:50		
0.200	7566.678	9:52		
0.233	7564.321	9:54		
0.267	7092.134	9:56		
0.300	6828.149	9:58		
0.333	6715.013	10: 0		
0.367	6669.444	10: 2		
0.400	6645.068	10: 4		
0.433	6627.018	10: 6		
0.467	6609.733	10: 8		
0.500	6591.662	10:10		SHEARED APR-M TOOL
0.533	6579.877	10:12		
0.567	6575.949	10:14		
0.600	6571.235	10:16		
0.633	6568.878	10:18		
0.667	6563.378	10:20		
0.700	6555.522	10:22		
0.733	6556.307	10:24		
0.767	6556.307	10:26		
0.800	6553.950	10:28		
0.833	6551.593	10:30		
0.867	6549.236	10:32		
0.900	6548.451	10:34		
0.933	6548.451	10:36		
0.967	6546.094	10:38		
1.000	6546.094	10:40		
1.033	6547.665	10:42		
1.067	6544.522	10:44		
1.100	6544.522	10:46		
1.133	6542.165	10:48		
1.167	6541.380	10:50		
1.200	6542.951	10:52		
1.233	6541.380	10:54		
1.267	6539.808	10:56		
1.300	6540.594	10:58		
1.333	6537.451	11: 0		
1.367	6538.237	11: 2		
1.400	6538.237	11: 4		
1.433	6539.023	11: 6		
1.467	6537.451	11: 8		
1.500	6536.666	11:10		

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FALL OFF PERIOD GAUGE NO.0105 SENSING DEPTH AT 3676.15M

DELTA TIME	GAUGE PRESSURE	TIME	DATE
1.533	6538.237	11:12	25-12-81
1.567	6535.880	11:14	
1.600	6535.094	11:16	
1.633	6537.451	11:18	
1.667	6535.094	11:20	
1.700	6535.094	11:22	
1.733	6535.880	11:24	
1.767	6535.880	11:26	
1.800	6537.451	11:28	
1.833	6536.666	11:30	
1.867	6537.451	11:32	
1.900	6539.808	11:34	
1.933	6535.880	11:36	
1.967	6535.880	11:38	
2.000	6536.666	11:40	
2.033	6535.880	11:42	
2.067	6536.666	11:44	
2.100	6539.023	11:46	
2.133	6540.594	11:48	
2.167	6539.808	11:50	
2.200	6538.237	11:52	
2.233	6536.666	11:54	
2.267	6537.451	11:56	
2.300	6538.237	11:58	
2.333	6536.666	12: 0	
2.367	6537.451	12: 2	
2.400	6537.451	12: 4	
2.433	6537.451	12: 6	
2.467	6538.237	12: 8	
2.500	6531.952	12:10	
2.533	6528.023	12:12	

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INITIAL FLOW PERIOD GAUGE NO.0125 SENSING DEPTH AT 3679.12M

DELTA TIME	GAUGE PRESSURE	TIME	DATE	
-0.050	7529.745	22:48	23-12-81	OPEN APR-N TOOL
0.017	6490.572	22:52		
0.083	6492.131	22:56		
0.150	6344.791	23: 0		OPEN C.M. ON 20/64" ADJ. CHOKE END OF FLOW PERIOD

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INITIAL BUILD-UP PERIOD GAUGE NO.0125 SENSING DEPTH AT 3679.12M T=0.05

DELTA TIME	T + DT ----- DT	T + DT LOG(-----) DT	GAUGE PRESSURE	P SQUARED	TIME	DATE
0.050	2.00	.301029996	6492.911	0.422D 8	23: 4	23-12-81
0.117	1.43	.154901960	6495.249	0.422D 8	23: 8	
0.183	1.27	.104735351	6495.249	0.422D 8	23:12	
0.250	1.20	.791812460D -1	6495.249	0.422D 8	23:16	
0.317	1.16	.636690799D -1	6495.249	0.422D 8	23:20	
0.383	1.13	.532455120D -1	6495.249	0.422D 8	23:24	
0.450	1.11	.457574906D -1	6495.249	0.422D 8	23:28	
0.517	1.10	.401172232D -1	6495.249	0.422D 8	23:32	
0.583	1.09	.357155523D -1	6494.470	0.422D 8	23:36	
0.650	1.08	.321846834D -1	6495.249	0.422D 8	23:40	
0.717	1.07	.292893761D -1	6494.470	0.422D 8	23:44	
0.783	1.06	.268721464D -1	6495.249	0.422D 8	23:48	
0.850	1.06	.248235837D -1	6496.029	0.422D 8	23:52	
0.917	1.05	.230653041D -1	6495.249	0.422D 8	23:56	
0.983	1.05	.215396779D -1	6495.249	0.422D 8	0: 0	24-12-81
1.050	1.05	.202033861D -1	6495.249	0.422D 8	0: 4	
1.117	1.04	.190232373D -1	6495.249	0.422D 8	0: 8	

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15/8-1

OFFSHORE NORWAY
22ND DECEMBER 1981
MRPG-1072-NDR

FINAL FLOW PERIOD GAUGE NO.0125 SENSING DEPTH AT 3679.12M

DELTA TIME	GAUGE PRESSURE	TIME	DATE	
0.000	6495.249	0: 8	24-12-81	OPEN APR-N AND CHOKE
0.067	6364.281	0:12		MANIFOLD ON 20/64" ADJ. CHOKE
0.133	6371.297	0:16		
0.200	6362.722	0:20		
0.267	6373.636	0:24		
0.333	6364.281	0:28		
0.400	6312.049	0:32		CHANGE TO 32/64" ADJ. CHOKE
0.467	6162.371	0:36		
0.533	6153.796	0:40		
0.600	6234.092	0:44		
0.667	6284.764	0:48		
0.733	6191.215	0:52		GAS TO SURFACE
0.800	6335.436	0:56		CHANGE TO 48/64" ADJ. CHOKE
0.867	6141.322	1: 0		
0.933	6133.527	1: 4		
1.000	6206.807	1: 8		
1.067	6266.054	1:12		
1.133	6306.592	1:16		
1.200	6305.033	1:20		CHANGE TO 56/64" ADJ CHOKE
1.267	6313.608	1:24		
1.333	6325.302	1:28		
1.400	6103.903	1:32		
1.467	6138.984	1:36		
1.533	6143.661	1:40		
1.733	6168.607	1:52		
1.800	6185.758	1:56		
1.867	6195.113	2: 0		
1.933	6195.893	2: 4		
2.000	6191.995	2: 8		
2.067	6192.774	2:12		
2.133	6192.774	2:16		
2.200	6201.350	2:20		
2.333	6205.247	2:28		FLOWING TO SEPARATOR
2.400	6207.586	2:32		
2.467	6209.145	2:36		
2.533	6214.602	2:40		
2.600	6216.162	2:44		
2.667	6218.500	2:48		
2.733	6222.398	2:52		
2.933	6228.635	3: 4		
3.000	6228.635	3: 8		
3.067	6230.194	3:12		
3.133	6229.414	3:16		
3.200	6236.430	3:20		
3.267	6240.328	3:24		
3.333	6240.328	3:28		

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FINAL FLOW PERIOD GAUGE NO.0125 SENSING DEPTH AT 3679.12M

DELTA TIME	GAUGE PRESSURE	TIME	DATE
3.400	6246.565	3:32	24-12-81
3.467	6255.140	3:36	
3.533	6113.258	3:40	CHANGE TO 56/64" FIXED CHOKE
3.600	6124.172	3:44	
3.667	6125.731	3:48	
3.733	6126.510	3:52	
3.800	6128.070	3:56	
3.867	6129.629	4: 0	
4.000	6129.629	4: 8	
4.067	6131.967	4:12	
4.133	6131.188	4:16	
4.200	6131.188	4:20	
4.267	6132.747	4:24	
4.333	6131.967	4:28	
4.400	6133.527	4:32	
4.467	6134.306	4:36	
4.533	6133.527	4:40	
4.600	6135.086	4:44	
4.667	6135.086	4:48	
4.733	6135.086	4:52	
4.800	6135.865	4:56	
4.867	6135.865	5: 0	
5.000	6135.865	5: 8	
5.067	6135.865	5:12	
5.133	6135.865	5:16	
5.200	6135.865	5:20	
5.267	6135.865	5:24	
5.333	6136.645	5:28	
5.400	6135.865	5:32	
5.467	6135.086	5:36	
5.533	6135.865	5:40	
5.600	6135.086	5:44	
5.667	6135.865	5:48	
5.733	6135.865	5:52	
5.800	6135.865	5:56	
5.867	6135.865	6: 0	
5.933	6135.865	6: 4	
6.000	6135.086	6: 8	
6.067	6135.086	6:12	
6.133	6135.086	6:16	
6.200	6135.865	6:20	
6.267	6135.086	6:24	
6.333	6135.086	6:28	
6.400	6135.865	6:32	
6.467	6135.865	6:36	
6.533	6135.865	6:40	
6.600	6135.086	6:44	

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FINAL FLOW PERIOD GAUGE NO.0125 SENSING DEPTH AT 3679.12M

DELTA TIME	GAUGE PRESSURE	TIME	DATE
6.667	6135.086	6:48	24-12-81
6.733	6134.306	6:52	
6.800	6135.086	6:56	
6.867	6134.306	7: 0	
6.933	6134.306	7: 4	
7.000	6134.306	7: 8	
7.067	6134.306	7:12	
7.133	6134.306	7:16	
7.200	6133.527	7:20	
7.267	6133.527	7:24	
7.333	6133.527	7:28	
7.400	6133.527	7:32	
7.467	6133.527	7:36	
7.533	6133.527	7:40	
7.600	6133.527	7:44	
7.667	6132.747	7:48	
7.733	6133.527	7:52	
7.800	6132.747	7:56	
7.867	6131.967	8: 0	
7.933	6133.527	8: 4	
8.000	6133.527	8: 8	
8.067	6132.747	8:12	
8.133	6132.747	8:16	
8.200	6131.967	8:20	
8.267	6131.967	8:24	
8.333	6131.188	8:28	
8.400	6131.188	8:32	
8.467	6131.188	8:36	
8.533	6132.747	8:40	
8.600	6131.967	8:44	
8.667	6131.188	8:48	
8.733	6131.967	8:52	
8.800	6130.408	8:56	
8.867	6131.188	9: 0	
8.933	6130.408	9: 4	
9.000	6131.967	9: 8	
9.067	6130.408	9:12	
9.133	6130.408	9:16	
9.200	6130.408	9:20	
9.267	6131.967	9:24	
9.333	6129.629	9:28	
9.400	6130.408	9:32	
9.467	6129.629	9:36	
9.533	6129.629	9:40	
9.600	6130.408	9:44	
9.667	6128.849	9:48	
9.733	6129.629	9:52	

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FINAL FLOW PERIOD GAUGE NO.0125 SENSING DEPTH AT 3679.12M

DELTA TIME	GAUGE PRESSURE	TIME	DATE
9.800	6128.849	9:56	24-12-81
9.867	6128.070	10: 0	
9.933	6129.629	10: 4	
10.000	6128.849	10: 8	
10.067	6128.849	10:12	
10.133	6128.070	10:16	
10.200	6128.070	10:20	
10.267	6128.070	10:24	
10.333	6128.849	10:28	
10.400	6128.849	10:32	
10.467	6128.849	10:36	
10.533	6128.070	10:40	
10.600	6127.290	10:44	
10.667	6127.290	10:48	
10.733	6127.290	10:52	
10.800	6128.070	10:56	
10.867	6126.510	11: 0	
10.933	6127.290	11: 4	
11.000	6127.290	11: 8	
11.067	6126.510	11:12	
11.133	6126.510	11:16	
11.267	6127.290	11:24	
11.333	6126.510	11:28	
11.400	6126.510	11:32	
11.467	6126.510	11:36	
11.533	6125.731	11:40	
11.667	6125.731	11:48	
11.733	6125.731	11:52	
11.800	6124.951	11:56	
11.867	6124.951	12: 0	
11.933	6125.731	12: 4	
12.000	6124.951	12: 8	
12.067	6124.951	12:12	
12.200	6124.951	12:20	
12.267	6124.951	12:24	
12.333	6124.951	12:28	
12.400	6124.172	12:32	
12.467	6124.172	12:36	
12.533	6123.392	12:40	
12.600	6123.392	12:44	
12.667	6124.951	12:48	
12.733	6124.172	12:52	
12.800	6124.172	12:56	
12.867	6123.392	13: 0	

END OF FLOW PERIOD

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FINAL BUILD-UP PERIOD GAUGE NO.0125 SENSING DEPTH AT 3679.12M T=12.88

DELTA TIME	T + DT ----- DT	T + DT LOG(-----) DT	GAUGE PRESSURE	P SQUARED	TIME	DATE
0.017	773.80	2.88862873	6420.410	0.412D	8 13: 4	24-12-81
0.083	155.56	2.19189793	6428.985	0.413D	8 13: 8	
0.150	86.87	1.93885316	6431.324	0.414D	8 13:12	
0.217	60.45	1.78136867	6434.443	0.414D	8 13:16	
0.283	46.46	1.66706821	6435.222	0.414D	8 13:20	
0.350	37.80	1.57749180	6438.340	0.415D	8 13:24	
0.417	31.91	1.50395402	6437.561	0.414D	8 13:28	
0.483	27.65	1.44166805	6439.120	0.415D	8 13:32	
0.550	24.42	1.38771332	6439.900	0.415D	8 13:36	
0.617	21.89	1.34017605	6440.679	0.415D	8 13:40	
0.683	19.85	1.29773383	6443.018	0.415D	8 13:44	
0.750	18.17	1.25943459	6442.238	0.415D	8 13:48	
0.817	16.77	1.22457006	6443.797	0.415D	8 13:52	
0.883	15.58	1.19259901	6444.577	0.415D	8 13:56	
0.950	14.56	1.16309857	6445.357	0.415D	8 14: 0	
1.017	13.67	1.13573206	6445.357	0.415D	8 14: 4	
1.083	12.89	1.11022700	6445.357	0.415D	8 14: 8	
1.217	11.59	1.06394482	6446.916	0.416D	8 14:16	
1.283	11.04	1.04282600	6446.916	0.416D	8 14:20	
1.350	10.54	1.02287113	6449.254	0.416D	8 14:24	
1.417	10.09	1.00396712	6447.695	0.416D	8 14:28	
1.483	9.68	.986016483	6450.034	0.416D	8 14:32	
1.550	9.31	.968934633	6450.034	0.416D	8 14:36	
1.683	8.65	.937090667	6450.814	0.416D	8 14:44	
1.817	8.09	.907943597	6451.593	0.416D	8 14:52	
1.883	7.84	.894257232	6451.593	0.416D	8 14:56	
1.950	7.61	.881106540	6451.593	0.416D	8 15: 0	
2.017	7.39	.868454980	6453.152	0.416D	8 15: 4	
2.217	6.81	.833180675	6453.152	0.416D	8 15:16	
2.283	6.64	.822225365	6453.932	0.417D	8 15:20	
2.350	6.48	.811632041	6454.711	0.417D	8 15:24	
2.417	6.33	.801380051	6453.932	0.417D	8 15:28	
2.483	6.19	.791450435	6455.491	0.417D	8 15:32	
2.550	6.05	.781825746	6455.491	0.417D	8 15:36	
2.617	5.92	.772489889	6455.491	0.417D	8 15:40	
2.683	5.80	.763427994	6456.271	0.417D	8 15:44	
2.750	5.68	.754626284	6455.491	0.417D	8 15:48	
2.817	5.57	.746071981	6457.050	0.417D	8 15:52	
2.950	5.37	.729658899	6457.050	0.417D	8 16: 0	
3.017	5.27	.721778743	6457.050	0.417D	8 16: 4	
3.083	5.18	.714103104	6456.271	0.417D	8 16: 8	
3.150	5.09	.706622969	6457.830	0.417D	8 16:12	
3.217	5.00	.699329892	6457.830	0.417D	8 16:16	
3.283	4.92	.692215954	6457.830	0.417D	8 16:20	
3.350	4.84	.685273713	6457.830	0.417D	8 16:24	

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FINAL BUILD-UP PERIOD GAUGE NO.0125 SENSING DEPTH AT 3679.12M T=12.88

DELTA TIME	T + DT ----- DT	T + DT LOG(-----) DT	GAUGE PRESSURE	P SQUARED	TIME	DATE
3.417	4.77	.678496172	6457.830	0.417D 8	16:28	24-12-81
3.550	4.63	.665409210	6458.609	0.417D 8	16:36	
3.683	4.50	.652906719	6458.609	0.417D 8	16:44	
3.750	4.43	.646860981	6458.609	0.417D 8	16:48	
3.817	4.37	.640945545	6459.389	0.417D 8	16:52	
3.950	4.26	.629487020	6459.389	0.417D 8	17: 0	
4.083	4.15	.618496362	6459.389	0.417D 8	17: 8	
4.150	4.10	.613166551	6460.948	0.417D 8	17:12	
4.217	4.05	.607942174	6460.168	0.417D 8	17:16	
4.283	4.01	.602819764	6460.168	0.417D 8	17:20	
4.350	3.96	.597796020	6460.168	0.417D 8	17:24	
4.417	3.92	.592867792	6460.948	0.417D 8	17:28	
4.483	3.87	.588032073	6460.948	0.417D 8	17:32	
4.550	3.83	.583285990	6460.168	0.417D 8	17:36	
4.683	3.75	.574051874	6460.948	0.417D 8	17:44	
4.750	3.71	.569558703	6460.948	0.417D 8	17:48	
4.817	3.67	.565144878	6460.948	0.417D 8	17:52	
4.883	3.64	.560808096	6461.728	0.418D 8	17:56	
4.950	3.60	.556546144	6461.728	0.418D 8	18: 0	
5.017	3.57	.552356904	6461.728	0.418D 8	18: 4	
5.150	3.50	.544188498	6461.728	0.418D 8	18:12	
5.283	3.44	.536287541	6462.507	0.418D 8	18:20	
5.350	3.41	.532432887	6461.728	0.418D 8	18:24	
5.417	3.38	.528639865	6462.507	0.418D 8	18:28	
5.483	3.35	.524906870	6463.287	0.418D 8	18:32	
5.550	3.32	.521232352	6462.507	0.418D 8	18:36	
5.617	3.29	.517614820	6463.287	0.418D 8	18:40	
5.683	3.27	.514052835	6463.287	0.418D 8	18:44	
5.750	3.24	.510545010	6463.287	0.418D 8	18:48	
5.817	3.21	.507090009	6463.287	0.418D 8	18:52	
5.883	3.19	.503686539	6463.287	0.418D 8	18:56	
5.950	3.16	.500333354	6463.287	0.418D 8	19: 0	
6.083	3.12	.493773065	6464.066	0.418D 8	19: 8	
6.150	3.09	.490563673	6464.066	0.418D 8	19:12	
6.217	3.07	.487399986	6464.066	0.418D 8	19:16	
6.283	3.05	.484280954	6464.066	0.418D 8	19:20	
6.417	3.01	.478172816	6464.846	0.418D 8	19:28	
6.483	2.99	.475181771	6464.846	0.418D 8	19:32	
6.550	2.97	.472231501	6464.846	0.418D 8	19:36	
6.683	2.93	.466449733	6464.066	0.418D 8	19:44	
6.883	2.87	.458061394	6464.846	0.418D 8	19:56	
6.950	2.85	.455337910	6464.846	0.418D 8	20: 0	
7.017	2.84	.452649479	6465.626	0.418D 8	20: 4	
7.083	2.82	.449995379	6465.626	0.418D 8	20: 8	
7.150	2.80	.447374907	6465.626	0.418D 8	20:12	
7.283	2.77	.442232143	6465.626	0.418D 8	20:20	

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DELTA TIME	T + DT ----- DT	T + DT LOG(-----) DT	GAUGE PRESSURE	P SQUARED	TIME	DATE
7.417	2.74	.437215959	6466.405	0.418D	8	20:28
7.483	2.72	.434753780	6466.405	0.418D	8	20:32
7.617	2.69	.429918289	6466.405	0.418D	8	20:40
7.683	2.68	.427543841	6466.405	0.418D	8	20:44
7.817	2.65	.422878813	6466.405	0.418D	8	20:52
7.883	2.63	.420587186	6466.405	0.418D	8	20:56
8.017	2.61	.416083189	6467.185	0.418D	8	21: 4
8.083	2.59	.413869852	6467.185	0.418D	8	21: 8
8.150	2.58	.411681664	6467.185	0.418D	8	21:12
8.283	2.55	.407378934	6467.964	0.418D	8	21:20
8.350	2.54	.405263519	6467.185	0.418D	8	21:24
8.417	2.53	.403171506	6467.964	0.418D	8	21:28
8.483	2.52	.401102485	6467.964	0.418D	8	21:32
8.617	2.49	.397031830	6467.964	0.418D	8	21:40
8.750	2.47	.393048466	6467.964	0.418D	8	21:48
8.817	2.46	.391088595	6467.964	0.418D	8	21:52
8.883	2.45	.389149455	6467.964	0.418D	8	21:56
8.950	2.44	.387230700	6468.744	0.418D	8	22: 0
9.083	2.42	.383453001	6468.744	0.418D	8	22: 8
9.217	2.40	.379752883	6468.744	0.418D	8	22:16
9.283	2.39	.377931133	6468.744	0.418D	8	22:20
9.350	2.38	.376127852	6469.523	0.419D	8	22:24
9.417	2.37	.374342744	6468.744	0.418D	8	22:28
9.483	2.36	.372575521	6469.523	0.419D	8	22:32
9.550	2.35	.370825902	6469.523	0.419D	8	22:36
9.617	2.34	.369093611	6468.744	0.418D	8	22:40
9.683	2.33	.367378377	6469.523	0.419D	8	22:44
9.817	2.31	.363998035	6470.303	0.419D	8	22:52
9.883	2.30	.362332415	6469.523	0.419D	8	22:56
9.950	2.29	.360682831	6469.523	0.419D	8	23: 0
10.017	2.29	.359049040	6469.523	0.419D	8	23: 4
10.150	2.27	.355827896	6471.083	0.419D	8	23:12
10.217	2.26	.354240082	6470.303	0.419D	8	23:16
10.283	2.25	.352667143	6470.303	0.419D	8	23:20
10.350	2.24	.351108860	6470.303	0.419D	8	23:24
10.417	2.24	.349565019	6470.303	0.419D	8	23:28
10.483	2.23	.348035410	6471.083	0.419D	8	23:32
10.550	2.22	.346519829	6470.303	0.419D	8	23:36
10.617	2.21	.345018074	6470.303	0.419D	8	23:40
10.683	2.21	.343529948	6471.083	0.419D	8	23:44
10.750	2.20	.342055257	6471.862	0.419D	8	23:48
10.817	2.19	.340593813	6471.083	0.419D	8	23:52
10.883	2.18	.339145429	6471.083	0.419D	8	23:56
10.950	2.18	.337709923	6471.083	0.419D	8	0: 0
11.017	2.17	.336287117	6471.862	0.419D	8	0: 4
11.083	2.16	.334876834	6471.083	0.419D	8	0: 8

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MRPG-1072-NOR

FINAL BUILD-UP PERIOD GAUGE NO.0125 SENSING DEPTH AT 3679.12M T=12.88

DELTA TIME	T + DT ----- DT	T + DT LOG(-----) DT	GAUGE PRESSURE	P SQUARED	TIME	DATE
11.150	2.16	.333478903	6471.083	0.419D 8	0:12	25-12-81
11.217	2.15	.332093156	6471.083	0.419D 8	0:16	
11.283	2.14	.330719427	6471.083	0.419D 8	0:20	
11.350	2.13	.329357553	6471.862	0.419D 8	0:24	
11.417	2.13	.328007374	6471.862	0.419D 8	0:28	
11.550	2.12	.325341483	6471.862	0.419D 8	0:36	
11.617	2.11	.324025465	6471.862	0.419D 8	0:40	
11.683	2.10	.322720534	6471.862	0.419D 8	0:44	
11.750	2.10	.321426545	6471.862	0.419D 8	0:48	
11.817	2.09	.320143355	6471.862	0.419D 8	0:52	
11.950	2.08	.317608814	6471.862	0.419D 8	1: 0	
12.017	2.07	.316357190	6472.642	0.419D 8	1: 4	
12.083	2.07	.315115820	6471.862	0.419D 8	1: 8	
12.150	2.06	.313884572	6472.642	0.419D 8	1:12	
12.217	2.05	.312663318	6472.642	0.419D 8	1:16	
12.283	2.05	.311451933	6472.642	0.419D 8	1:20	
12.350	2.04	.310250293	6472.642	0.419D 8	1:24	
12.483	2.03	.307875762	6472.642	0.419D 8	1:32	
12.550	2.03	.306702634	6472.642	0.419D 8	1:36	
12.617	2.02	.305538777	6472.642	0.419D 8	1:40	
12.683	2.02	.304384077	6472.642	0.419D 8	1:44	
12.750	2.01	.303238421	6472.642	0.419D 8	1:48	
12.817	2.00	.302101702	6473.421	0.419D 8	1:52	
12.883	2.00	.300973809	6472.642	0.419D 8	1:56	
12.950	1.99	.299854638	6473.421	0.419D 8	2: 0	
13.083	1.98	.297642043	6473.421	0.419D 8	2: 8	
13.150	1.98	.296548415	6473.421	0.419D 8	2:12	
13.217	1.97	.295463101	6473.421	0.419D 8	2:16	
13.283	1.97	.294386003	6473.421	0.419D 8	2:20	
13.350	1.96	.293317025	6473.421	0.419D 8	2:24	
13.417	1.96	.292256071	6474.201	0.419D 8	2:28	
13.483	1.96	.291203050	6474.201	0.419D 8	2:32	
13.550	1.95	.290157868	6473.421	0.419D 8	2:36	
13.617	1.95	.289120436	6474.201	0.419D 8	2:40	
13.683	1.94	.288090665	6473.421	0.419D 8	2:44	
13.750	1.94	.287068468	6474.201	0.419D 8	2:48	
13.817	1.93	.286053759	6474.201	0.419D 8	2:52	
13.883	1.93	.285046452	6474.201	0.419D 8	2:56	
13.950	1.92	.284046465	6474.201	0.419D 8	3: 0	
14.017	1.92	.283053715	6474.201	0.419D 8	3: 4	
14.083	1.91	.282068122	6474.201	0.419D 8	3: 8	
14.150	1.91	.281089606	6474.201	0.419D 8	3:12	
14.217	1.91	.280118088	6474.201	0.419D 8	3:16	
14.283	1.90	.279153492	6474.201	0.419D 8	3:20	
14.350	1.90	.278195740	6474.201	0.419D 8	3:24	
14.417	1.89	.277244759	6474.980	0.419D 8	3:28	

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FINAL BUILD-UP PERIOD GAUGE NO.0125 SENSING DEPTH AT 3679.12M T=12.88

DELTA TIME	T + DT ----- DT	T + DT LOG(-----) DT	GAUGE PRESSURE	P SQUARED	TIME	DATE
14.483	1.89	.276300475	6474.201	0.419D	8	3:32
14.550	1.89	.275362814	6474.980	0.419D	8	3:36
14.617	1.88	.274431706	6474.980	0.419D	8	3:40
14.683	1.88	.273507079	6474.980	0.419D	8	3:44
14.750	1.87	.272588865	6474.980	0.419D	8	3:48
14.883	1.87	.270771399	6474.980	0.419D	8	3:56
14.950	1.86	.269872014	6474.980	0.419D	8	4: 0
15.017	1.86	.268978773	6474.980	0.419D	8	4: 4
15.083	1.85	.268091611	6474.980	0.419D	8	4: 8
15.150	1.85	.267210465	6474.980	0.419D	8	4:12
15.217	1.85	.266335272	6474.980	0.419D	8	4:16
15.283	1.84	.265465970	6474.980	0.419D	8	4:20
15.350	1.84	.264602498	6474.980	0.419D	8	4:24
15.417	1.84	.263744797	6474.980	0.419D	8	4:28
15.483	1.83	.262892805	6474.980	0.419D	8	4:32
15.550	1.83	.262046466	6474.980	0.419D	8	4:36
15.617	1.82	.261205722	6474.980	0.419D	8	4:40
15.683	1.82	.260370515	6475.760	0.419D	8	4:44
15.750	1.82	.259540790	6475.760	0.419D	8	4:48
15.817	1.81	.258716491	6476.540	0.419D	8	4:52
15.883	1.81	.257897564	6475.760	0.419D	8	4:56
15.950	1.81	.257083955	6474.980	0.419D	8	5: 0
16.017	1.80	.256275611	6475.760	0.419D	8	5: 4
16.083	1.80	.255472480	6475.760	0.419D	8	5: 8
16.150	1.80	.254674509	6475.760	0.419D	8	5:12
16.217	1.79	.253881649	6476.540	0.419D	8	5:16
16.283	1.79	.253093848	6476.540	0.419D	8	5:20
16.350	1.79	.252311058	6475.760	0.419D	8	5:24
16.417	1.78	.251533230	6476.540	0.419D	8	5:28
16.550	1.78	.249992264	6475.760	0.419D	8	5:36
16.617	1.78	.249229032	6476.540	0.419D	8	5:40
16.683	1.77	.248470573	6475.760	0.419D	8	5:44
16.750	1.77	.247716840	6476.540	0.419D	8	5:48
16.817	1.77	.246967788	6476.540	0.419D	8	5:52
16.883	1.76	.246223373	6475.760	0.419D	8	5:56
16.950	1.76	.245483551	6476.540	0.419D	8	6: 0
17.017	1.76	.244748278	6476.540	0.419D	8	6: 4
17.083	1.75	.244017511	6475.760	0.419D	8	6: 8
17.150	1.75	.243291208	6476.540	0.419D	8	6:12
17.217	1.75	.242569327	6476.540	0.419D	8	6:16
17.283	1.75	.241851827	6477.319	0.420D	8	6:20
17.350	1.74	.241138668	6476.540	0.419D	8	6:24
17.417	1.74	.240429809	6476.540	0.419D	8	6:28
17.483	1.74	.239725210	6477.319	0.420D	8	6:32
17.550	1.73	.239024832	6476.540	0.419D	8	6:36
17.617	1.73	.238328636	6476.540	0.419D	8	6:40

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FINAL BUILD-UP PERIOD GAUGE NO.0125 SENSING DEPTH AT 3679.12M T=12.88

DELTA TIME	T + DT ----- DT	T + DT LOG(-----) DT	GAUGE PRESSURE	P SQUARED	TIME	DATE
17.683	1.73	.237636584	6477.319	0.420D 8	6:44	25-12-81
17.750	1.73	.236948639	6477.319	0.420D 8	6:48	
17.817	1.72	.236264763	6476.540	0.419D 8	6:52	
17.883	1.72	.235584920	6476.540	0.419D 8	6:56	
17.950	1.72	.234909072	6477.319	0.420D 8	7: 0	
18.017	1.71	.234237184	6477.319	0.420D 8	7: 4	
18.083	1.71	.233569220	6477.319	0.420D 8	7: 8	
18.150	1.71	.232905146	6476.540	0.419D 8	7:12	
18.283	1.70	.231588528	6478.099	0.420D 8	7:20	
18.350	1.70	.230935916	6477.319	0.420D 8	7:24	
18.417	1.70	.230287057	6477.319	0.420D 8	7:28	
18.483	1.70	.229641918	6478.099	0.420D 8	7:32	
18.550	1.69	.229000467	6478.878	0.420D 8	7:36	
18.683	1.69	.227728500	6478.878	0.420D 8	7:44	
18.750	1.69	.227097920	6478.878	0.420D 8	7:48	
18.817	1.68	.226470901	6478.878	0.420D 8	7:52	
18.883	1.68	.225847413	6478.099	0.420D 8	7:56	
18.950	1.68	.225227424	6478.878	0.420D 8	8: 0	
19.017	1.68	.224610906	6478.878	0.420D 8	8: 4	
19.083	1.67	.223997828	6478.878	0.420D 8	8: 8	
19.150	1.67	.223388160	6478.878	0.420D 8	8:12	
19.217	1.67	.222781875	6478.878	0.420D 8	8:16	
19.283	1.67	.222178943	6478.878	0.420D 8	8:20	
19.350	1.67	.221579336	6478.878	0.420D 8	8:24	
19.417	1.66	.220983026	6478.878	0.420D 8	8:28	
19.550	1.66	.219800187	6479.658	0.420D 8	8:36	
19.617	1.66	.219213603	6478.878	0.420D 8	8:40	
19.683	1.65	.218630208	6479.658	0.420D 8	8:44	
19.750	1.65	.218049974	6479.658	0.420D 8	8:48	
19.817	1.65	.217472876	6479.658	0.420D 8	8:52	
19.883	1.65	.216898887	6479.658	0.420D 8	8:56	
19.950	1.65	.216327983	6479.658	0.420D 8	9: 0	
20.017	1.64	.215760137	6478.878	0.420D 8	9: 4	

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BULLHEADING PERIOD GAUGE NO.0125 SENSING DEPTH AT 3679.12M

DELTA TIME	GAUGE PRESSURE	TIME	DATE	
-0.050	6478.878	9: 4	25-12-81	OPEN APR-N TOOL
0.017	6514.739	9: 8		COMMENCE BULLHEADING
0.083	8362.331	9:12		
0.217	11138.398	9:20		
0.283	11454.905	9:24		
0.350	11109.554	9:28		
0.417	10631.674	9:32		
0.483	10429.764	9:36		
0.550	10558.394	9:40		STOP BULLHEADING

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FALL OFF PERIOD GAUGE NO.0125 SENSING DEPTH AT 3679.12M

DELTA TIME	GAUGE PRESSURE	TIME	DATE	
0.000	10558.394	9:40	25-12-81	STOP BULLHEADING AND
0.067	8750.560	9:44		CLOSE APR-N TOOL
0.133	7547.676	9:48		
0.200	7568.724	9:52		
0.267	7081.490	9:56		
0.333	6716.649	10: 0		
0.400	6648.826	10: 4		
0.467	6612.965	10: 8		SHEARED APR-M TOOL
0.533	6584.900	10:12		
0.600	6576.325	10:16		
0.667	6566.970	10:20		
0.733	6559.954	10:24		
0.800	6558.395	10:28		
0.867	6552.158	10:32		
0.933	6549.820	10:36		
1.000	6548.260	10:40		
1.067	6545.922	10:44		
1.133	6544.363	10:48		
1.200	6543.583	10:52		
1.267	6542.024	10:56		
1.333	6539.685	11: 0		
1.400	6538.906	11: 4		
1.467	6538.906	11: 8		
1.533	6538.126	11:12		
1.600	6537.346	11:16		
1.667	6535.008	11:20		
1.733	6535.008	11:24		
1.800	6535.787	11:28		
1.867	6536.567	11:32		
1.933	6535.008	11:36		
2.000	6534.228	11:40		
2.067	6535.008	11:44		
2.133	6537.346	11:48		
2.200	6535.008	11:52		
2.267	6535.787	11:56		
2.333	6533.449	12: 0		
2.400	6535.008	12: 4		
2.467	6533.449	12: 8		UNSEATED PACKER