

OILMIN N. L.

WEST MEREENIE #2

14th. & 15th. DECEMBER 1983

DEPT OF MINES & ENERGY

DO NOT REMOVE



P00981

NORTHERN TERRITORY
GEOLOGICAL SURVEY



OILMIN N.L.

WEST MEREENIE #2

OPERATIONS SCHEDULE

<u>HOURS</u>	<u>REMARKS</u>
December 14th, 1983	
1210	ARRIVED ON LOCATION
1230	GO TO W.M. #1 TO GET COMPANION FLANGE
1320	BACK ON LOCATION AND COMMENCE RIGGING UP
1435	RIGGED ONTO WELL AND PRESSURED UP
1436	W.H.P. IS 1390 PSIG.
1439	R. I. H.
1515	APPARENT TOOL FAILURE_P.O.O.H.
1645	RUN BACK IN HOLE
1945	P. O. O. H.
2005	TOOL IN LUBRICATOR AND CLOSE WELL
2010	DEPRESSURE LUBRICATOR AND REMOVE TOOL FOR TROUBLE SHOOTIN
2103	TOOL REPAIRED AND RUNNING IN HOLE
2200	HANG TOOL AT 4700 FT.
2234	P. O. O. H.
2242	HANG AT 4600 FT.
2300	P. O. O. H.
2311	HANG AT 4400 FT.
2328	P. O. O. H.
2350	HANG AT 4000 FT.
December 15th, 1983	
0020	P. O. O. H.
0037	HANG AT 3750 FT.
0117	P. O. O. H.
0136	HANG AT 3000 FT
0217	P. O. O. H.
0238	HANG AT 2000 FT.
0325	P. O. O. H.
0345	HANG AT 1000 FT.
0425	P. O. O. H.
0440	PULL INTO LUBRICATOR
0541	END OF SURVEY
0700	RIG DOWN OFF WELL
0745	GEARHART OFF LOCATION

GEARHART PTY. LTD.

WEST MEREENIE # 2

Date: 14-15/12/83

<u>TIME</u>	<u>W.H.P.</u>
1436	1390
2100	1382
2234	1383
2300	1382
0020	1383
0117	1382
0217	1382
0325	1382
0425	1383
0425	1383

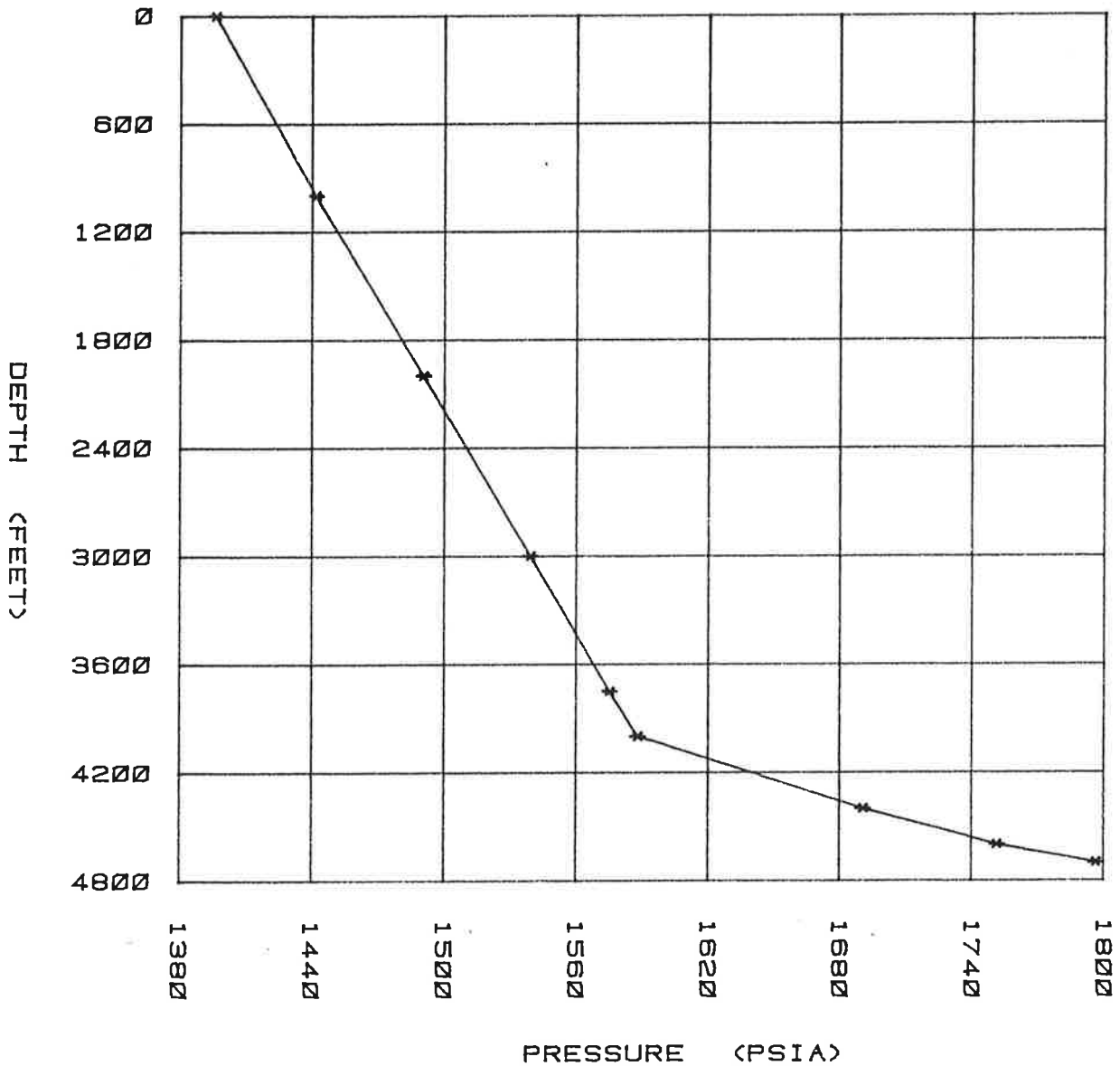
GEARHART PTY. LTD. - STATIC GRADIENT

OILMIN N.L.

WEST MEREENIE #2

14/12/83

H. P. GAUGE No. 249



DEPTH (MEAS.) FT	PRESSURE (PSIA)	GRADIENT (PSI/FT)
0.0	1396.00	
1000.0	1441.86	.046
2000.0	1490.64	.049
3000.0	1538.93	.048
3750.0	1575.45	.049
4000.0	1588.17	.051
4400.0	1690.57	.256
4600.0	1751.66	.305
4700.0	1796.55	.449

GEARHART PTY. LTD. - LINEAR PRESSURE PLOT

OILMIN N.L.

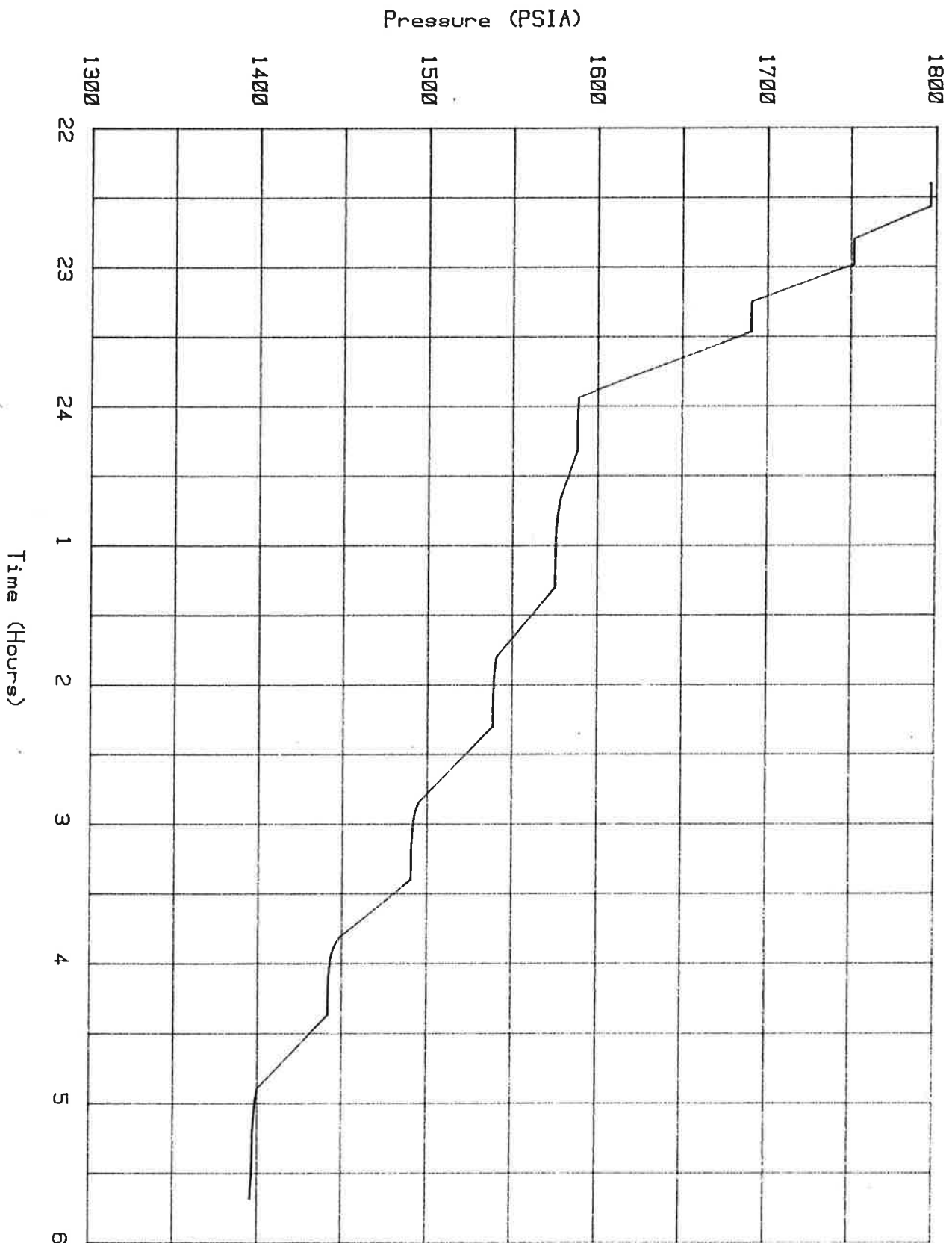
WEST MEREENIE #2

14/12/83

H.P. SURVEY

Plotted from: 22:24:00 on 14/12/83

to: 05:41:00 on 15/12/83 (Approx. 7 hrs.)



LINEAR PRESSURE PLOT DATA

14/12/83

DILMIN N.L.

WEST MEREENIE #2

Data No.	TIME	PRESSURE	TEMP.
1	22:24:00	1796.51	146.1
2	22:25:00	1796.52	146.1
3	22:26:00	1796.52	146.1
4	22:27:00	1796.52	146.1
5	22:28:00	1796.53	146.2
6	22:29:00	1796.53	146.2
7	22:30:00	1796.54	146.1
8	22:31:00	1796.56	146.1
9	22:32:00	1796.55	146.2
10	22:33:00	1796.55	146.2
11	22:34:00	1796.55	146.2
12	22:48:00	1751.70	145.2
13	22:49:00	1751.69	145.2
14	22:50:00	1751.68	145.2
15	22:51:00	1751.66	145.2
16	22:52:00	1751.67	145.2
17	22:53:00	1751.67	145.2
18	22:54:00	1751.66	145.2
19	22:55:00	1751.67	145.2
20	22:56:00	1751.66	145.2
21	22:57:00	1751.66	145.2
22	22:58:00	1751.65	145.3
23	22:59:00	1751.66	145.2
24	23:15:00	1690.77	143.4
25	23:16:00	1690.71	143.4
26	23:17:00	1690.69	143.3
27	23:18:00	1690.65	143.3
28	23:19:00	1690.63	143.3
29	23:20:00	1690.59	143.4
30	23:21:00	1690.59	143.4
31	23:22:00	1690.59	143.4
32	23:23:00	1690.59	143.3
33	23:24:00	1690.57	143.4
34	23:25:00	1690.57	143.4
35	23:26:00	1690.57	143.3
36	23:27:00	1690.57	143.3
37	23:28:00	1690.57	143.3
38	23:56:00	1588.64	137.8
39	23:57:00	1588.60	137.7
40	23:58:00	1588.54	137.7
41	23:59:00	1588.49	137.7

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42	00:00:00	1588.45	137.6
43	00:01:00	1588.40	137.7
44	00:02:00	1588.39	137.6
45	00:03:00	1588.32	137.7
46	00:04:00	1588.31	137.6
47	00:05:00	1588.29	137.6

LINEAR PRESSURE PLOT DATA

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OILMIN N.L.

WEST MEREENIE #2

Data No.	TIME	PRESSURE	TEMP.
48	00:06:00	1588.26	137.6
49	00:07:00	1588.25	137.6
50	00:08:00	1588.23	137.6
51	00:09:00	1588.22	137.6
52	00:10:00	1588.22	137.6
53	00:11:00	1588.23	137.5
54	00:12:00	1588.20	137.6
55	00:13:00	1588.19	137.6
56	00:14:00	1588.19	137.5
57	00:15:00	1588.19	137.5
58	00:16:00	1588.19	137.5
59	00:17:00	1588.19	137.5
60	00:18:00	1588.17	137.6
61	00:19:00	1588.17	137.6
62	00:38:00	1579.20	131.7
63	00:39:00	1578.83	131.7
64	00:40:00	1578.51	131.6
65	00:41:00	1578.22	131.5
66	00:42:00	1577.91	131.5
67	00:43:00	1577.62	131.5
68	00:44:00	1577.39	131.4
69	00:45:00	1577.11	131.5
70	00:46:00	1576.90	131.4
71	00:47:00	1576.71	131.4
72	00:48:00	1576.56	131.4
73	00:49:00	1576.42	131.3
74	00:50:00	1576.28	131.3
75	00:51:00	1576.20	131.2
76	00:52:00	1576.07	131.2
77	00:53:00	1575.99	131.3
78	00:54:00	1575.95	131.2
79	00:55:00	1575.87	131.2
80	00:56:00	1575.81	131.2
81	00:57:00	1575.78	131.1
82	00:58:00	1575.74	131.2
83	00:59:00	1575.69	131.1
84	01:00:00	1575.65	131.1
85	01:01:00	1575.63	131.2
86	01:02:00	1575.60	131.2
87	01:03:00	1575.58	131.1
88	01:04:00	1575.57	131.1
89	01:05:00	1575.53	131.1
90	01:06:00	1575.53	131.1
91	01:07:00	1575.51	131.1
92	01:08:00	1575.51	131.1
93	01:09:00	1575.49	131.1
94	01:10:00	1575.49	131.1
95	01:11:00	1575.47	131.1
96	01:12:00	1575.46	131.1
97	01:13:00	1575.46	131.1

LINEAR PRESSURE PLOT DATA

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OILMIN N.L.

WEST MEREENIE #2

Data No.	TIME	PRESSURE	TEMP.
98	01:14:00	1575.45	131.1
99	01:15:00	1575.45	131.1
100	01:16:00	1575.44	131.1
101	01:17:00	1575.44	131.1
102	01:18:00	1575.45	131.1
103	01:48:00	1541.13	117.9
104	01:49:00	1540.84	117.9
105	01:50:00	1540.61	117.9
106	01:51:00	1540.41	117.8
107	01:52:00	1540.20	117.9
108	01:53:00	1540.06	117.8
109	01:54:00	1539.90	117.8
110	01:55:00	1539.79	117.8
111	01:56:00	1539.67	117.8
112	01:57:00	1539.60	117.7
113	01:58:00	1539.51	117.8
114	01:59:00	1539.43	117.8
115	02:00:00	1539.40	117.7
116	02:01:00	1539.33	117.8
117	02:02:00	1539.27	117.8
118	02:03:00	1539.24	117.7
119	02:04:00	1539.18	117.7
120	02:05:00	1539.17	117.7
121	02:06:00	1539.13	117.7
122	02:07:00	1539.09	117.7
123	02:08:00	1539.08	117.7
124	02:09:00	1539.06	117.7
125	02:10:00	1539.03	117.7
126	02:11:00	1539.01	117.7
127	02:12:00	1539.03	117.6
128	02:13:00	1538.98	117.7
129	02:14:00	1538.98	117.7
130	02:15:00	1538.97	117.7
131	02:16:00	1538.95	117.7
132	02:17:00	1538.93	117.7
133	02:18:00	1538.93	117.7
134	02:51:00	1494.84	98.6
135	02:52:00	1494.26	98.6
136	02:53:00	1493.77	98.6
137	02:54:00	1493.34	98.6
138	02:55:00	1492.96	98.6
139	02:56:00	1492.63	98.6
140	02:57:00	1492.38	98.5
141	02:58:00	1492.13	98.6
142	02:59:00	1491.92	98.5
143	03:00:00	1491.76	98.5
144	03:01:00	1491.59	98.6
145	03:02:00	1491.47	98.5
146	03:03:00	1491.35	98.5
147	03:04:00	1491.22	98.6

LINEAR PRESSURE PLOT DATA

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DILMIN N.L.

WEST MERENIE #2

Data No. TIME PRESSURE TEMP.

148	03:05:00	1491.16	98.5
149	03:06:00	1491.08	98.5
150	03:07:00	1491.03	98.5
151	03:08:00	1490.99	98.5
152	03:09:00	1490.92	98.5
153	03:10:00	1490.88	98.5
154	03:11:00	1490.83	98.5
155	03:12:00	1490.81	98.5
156	03:13:00	1490.79	98.5
157	03:14:00	1490.77	98.5
158	03:15:00	1490.74	98.5
159	03:16:00	1490.72	98.5
160	03:17:00	1490.70	98.5
161	03:18:00	1490.68	98.5
162	03:19:00	1490.66	98.5
163	03:20:00	1490.66	98.5
164	03:21:00	1490.65	98.5
165	03:22:00	1490.63	98.5
166	03:23:00	1490.64	98.5
167	03:24:00	1490.64	98.4
168	03:49:00	1448.43	87.1
169	03:50:00	1447.56	87.0
170	03:51:00	1446.77	87.0
171	03:52:00	1446.09	87.0
172	03:53:00	1445.49	87.0
173	03:54:00	1444.96	87.0
174	03:55:00	1444.51	86.9
175	03:56:00	1444.08	87.0
176	03:57:00	1443.79	86.9
177	03:58:00	1443.49	86.9
178	03:59:00	1443.21	87.0
179	04:00:00	1443.03	86.9
180	04:01:00	1442.85	86.9
181	04:02:00	1442.69	86.9
182	04:03:00	1442.56	86.9
183	04:04:00	1442.44	86.9
184	04:05:00	1442.35	86.9
185	04:06:00	1442.26	86.9
186	04:07:00	1442.19	86.9
187	04:08:00	1442.13	86.9
188	04:09:00	1442.10	86.9
189	04:10:00	1442.07	86.9
190	04:11:00	1442.01	86.9
191	04:12:00	1441.97	86.8
192	04:13:00	1441.96	86.8
193	04:14:00	1441.94	86.9
194	04:15:00	1441.91	86.9
195	04:16:00	1441.92	86.8
196	04:17:00	1441.89	86.9
197	04:18:00	1441.88	86.9

LINEAR PRESSURE PLOT DATA

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DILMIN N.L.

WEST MEREENIE #2

Data No.	TIME	PRESSURE	TEMP.
198	04:19:00	1441.87	86.9
199	04:20:00	1441.87	86.9
200	04:21:00	1441.86	86.9
201	04:22:00	1441.86	86.9
202	04:54:00	1399.69	76.7
203	04:55:00	1399.42	76.6
204	04:56:00	1399.18	76.6
205	04:57:00	1398.98	76.5
206	04:58:00	1398.82	76.4
207	04:59:00	1398.63	76.4
208	05:00:00	1398.50	76.3
209	05:01:00	1398.35	76.2
210	05:02:00	1398.23	76.2
211	05:03:00	1398.14	76.1
212	05:04:00	1398.02	76.1
213	05:05:00	1397.91	76.1
214	05:06:00	1397.80	76.0
215	05:07:00	1397.71	75.9
216	05:08:00	1397.59	75.9
217	05:09:00	1397.50	75.9
218	05:10:00	1397.39	75.8
219	05:11:00	1397.30	75.8
220	05:12:00	1397.25	75.7
221	05:13:00	1397.20	75.7
222	05:14:00	1397.19	75.7
223	05:15:00	1397.19	75.6
224	05:16:00	1397.18	75.5
225	05:17:00	1397.14	75.6
226	05:18:00	1397.13	75.5
227	05:19:00	1397.12	75.4
228	05:20:00	1397.08	75.4
229	05:21:00	1397.05	75.4
230	05:22:00	1397.03	75.3
231	05:23:00	1397.01	75.3
232	05:24:00	1397.00	75.2
233	05:25:00	1396.96	75.2
234	05:26:00	1396.92	75.2
235	05:27:00	1396.89	75.2
236	05:28:00	1396.82	75.2
237	05:29:00	1396.80	75.1
238	05:30:00	1396.72	75.1
239	05:31:00	1396.66	75.1
240	05:32:00	1396.57	75.2
241	05:33:00	1396.49	75.2
242	05:34:00	1396.39	75.2
243	05:35:00	1396.32	75.2
244	05:36:00	1396.26	75.2
245	05:37:00	1396.19	75.2
246	05:38:00	1396.11	75.2
247	05:39:00	1396.03	75.2

LINEAR PRESSURE PLOT DATA

Data No.	TIME	PRESSURE	TEMP.
248	05:40:00	1396.00	75.2
249	05:41:00	1395.87	75.3