

OILMIN N.L.
EAST MEREENIE #4
30th SEPTEMBER 1983

DEPT. OF MINES & ENERGY
DO NOT REMOVE

P01109


M0780421

ONSHORE

NORTHERN TERRITORY
GEOLOGICAL SURVEY

~~SECRET~~

GEARHART PTY. LTD.
1/138 MUSGRAVE AVE., WELLAND, SA 5007

OILMIN N.L.

EAST MEREENIE #4

OPERATIONS SCHEDULE

<u>HOURS</u>	<u>REMARKS</u>
September 30th, 1983	
0300	Arrive EM#4
0315	Begin rigging up
0435	Open well
0440	D. W. T Gauge reading 1010 PSIG
0445	R. I. H
0520	Hang @ 4700'
0605	P. O. O. H
0610	Hang @ 4609'
0630	P. O. O. H
0640	Hang @ 4400'
0704	P. O. O. H
0710	Hang @ 4200'
0736	P. O. O. H
0742	Hang @ 4000'
0815	P. O. O. H
0824	Hang @ 3000'
0912	P. O. O. H
0927	Hang @ 2000'
1022	P. O. O. H
1029	Hang @ 1000'
1125	P. O. O. H
1137	Hang in lubricator
1215	Shut in well & rig down END OF SURVEY



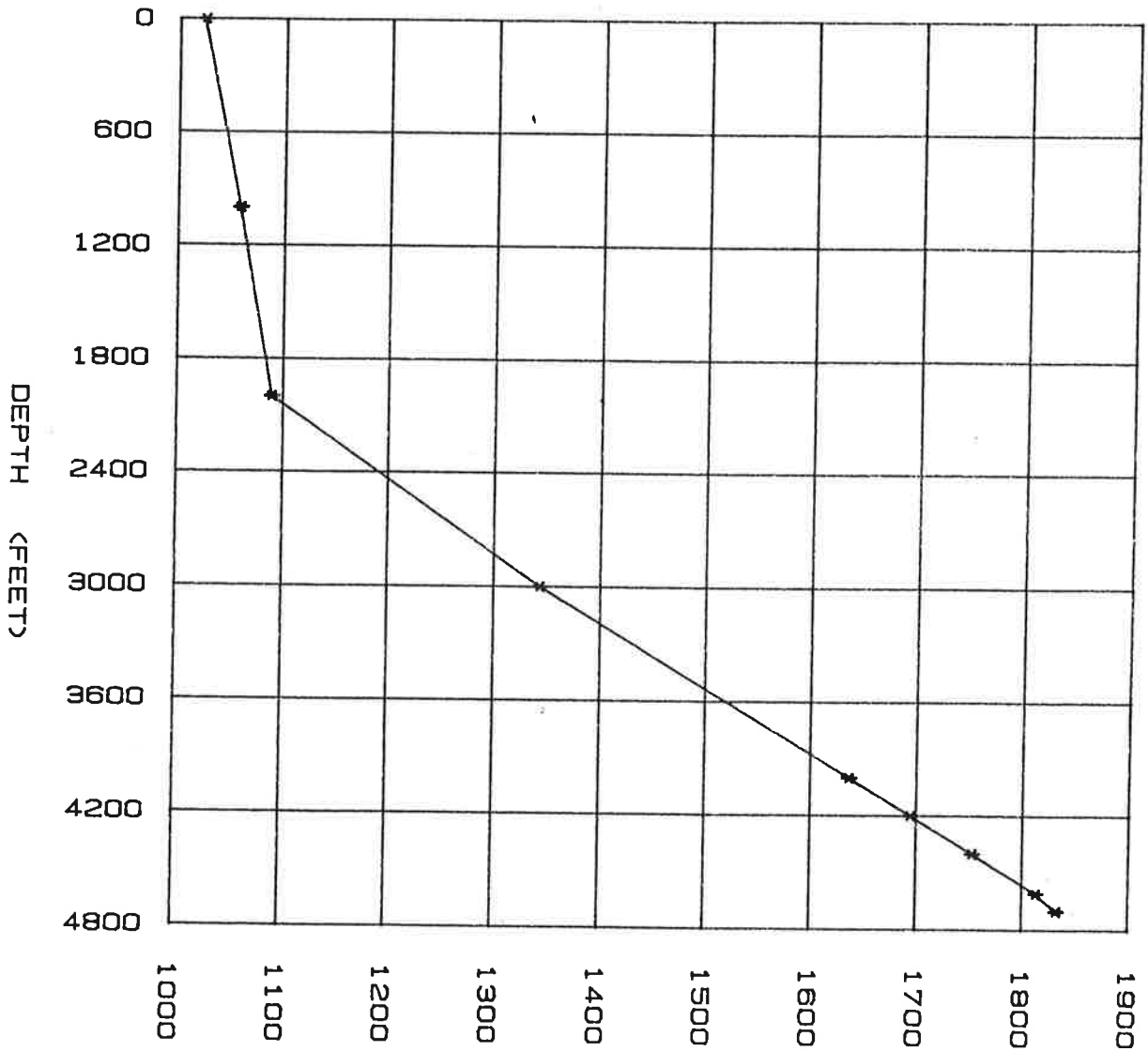
GEARHART PTY. LTD - STATIC GRADIENT

OILMIN N.L.

EAST MEREENIE #4

30/09/83

H. P. GAUGE No. #249



DEPTH (MEAS.) FT	PRESSURE (PSIA)	GRADIENT (PSI/FT)
0.0	1023.68	
1000.0	1058.81	.035
2000.0	1089.85	.031
3000.0	1343.06	.253
4000.0	1636.25	.293
4200.0	1694.54	.291
4400.0	1752.46	.290
4609.0	1813.01	.290
4700.0	1832.38	.213



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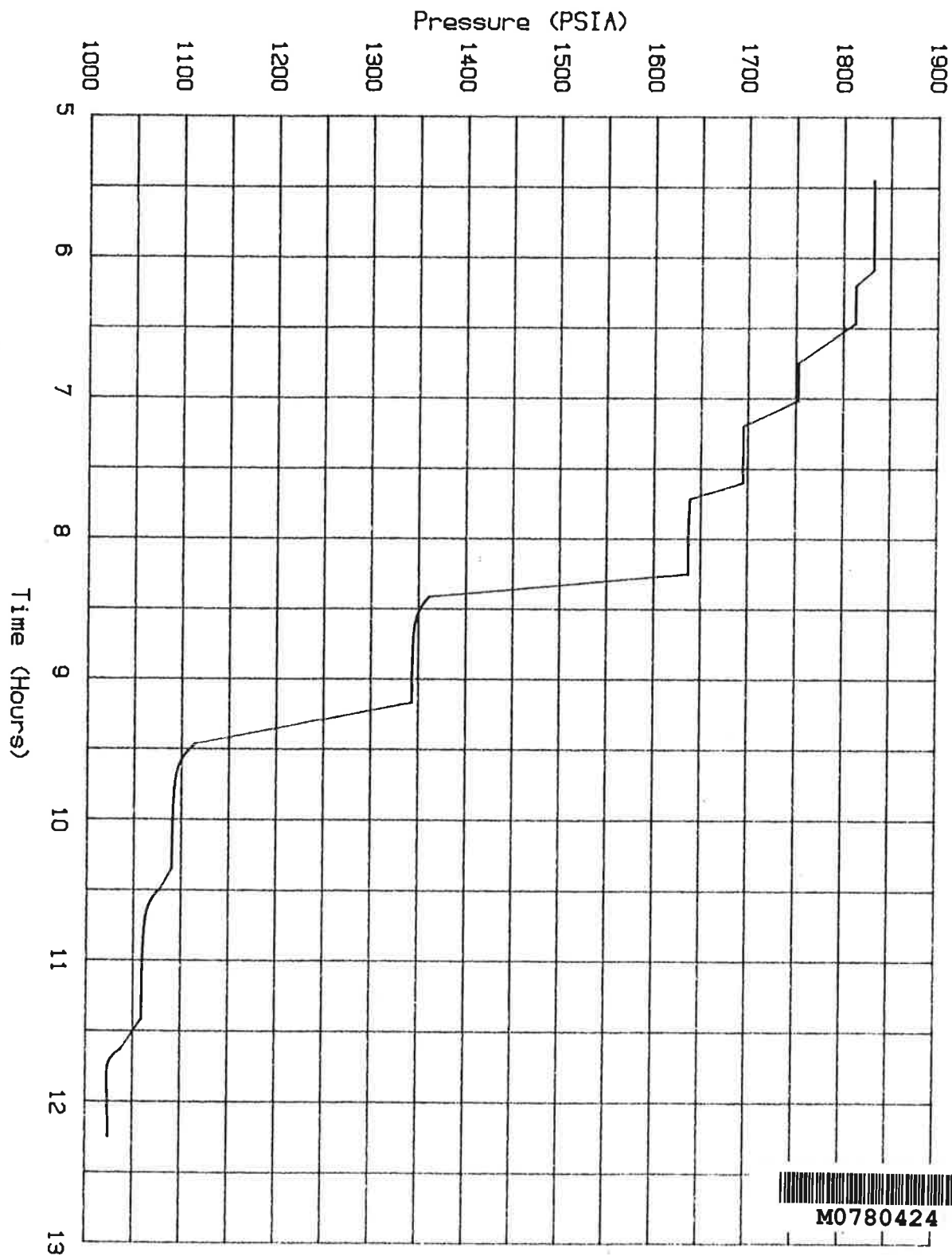
GEARHART PTY. LTD. - LINEAR PRESSURE PLOT

OILMIN N.L. EAST MEREENIE #4 30/09/83

H.P. STATIC GRADIENTS

Plotted from: 05:27:00 on 30/09/83

to: 12:15:00 on 30/09/83 (Approx. 7 hrs.)



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GEARHART PTY. LTD.

OILMIN N.L.

EAST MEREENIE #4

Date: 30/09/83

ELECTRONIC D. W. T GAUGE

<u>Time</u> <u>(HRS)</u>	<u>W. H. P.</u> <u>(PSIG)</u>
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September 30th, 1983

0440	1010
0530	1014
0630	1012
0730	1012
0830	1012
0930	1012
1030	1012
1130	1012



LINEAR PRESSURE PLOT DATA

30/09/83

OILMIN N.L.

EAST MEREENIE #4

Data No.	TIME	PRESSURE	TEMP.
1	05:27:00	1831.90	151.4
2	05:28:00	1832.04	151.5
3	05:29:00	1832.13	151.5
4	05:30:00	1832.21	151.5
5	05:31:00	1832.24	151.6
6	05:32:00	1832.29	151.6
7	05:33:00	1832.29	151.7
8	05:34:00	1832.33	151.6
9	05:35:00	1832.31	151.7
10	05:36:00	1832.33	151.7
11	05:37:00	1832.36	151.7
12	05:38:00	1832.37	151.7
13	05:39:00	1832.37	151.7
14	05:40:00	1832.37	151.7
15	05:41:00	1832.36	151.8
16	05:42:00	1832.35	151.8
17	05:43:00	1832.34	151.8
18	05:44:00	1832.37	151.7
19	05:45:00	1832.37	151.7
20	05:46:00	1832.37	151.7
21	05:47:00	1832.36	151.8
22	05:48:00	1832.36	151.8
23	05:49:00	1832.38	151.7
24	05:50:00	1832.36	151.8
25	05:51:00	1832.38	151.8
26	05:52:00	1832.37	151.8
27	05:53:00	1832.37	151.8
28	05:54:00	1832.36	151.8
29	05:55:00	1832.37	151.8
30	05:56:00	1832.38	151.8
31	05:57:00	1832.37	151.8
32	05:58:00	1832.38	151.8
33	05:59:00	1832.38	151.8
34	06:00:00	1832.38	151.8
35	06:01:00	1832.38	151.8
36	06:02:00	1832.38	151.8
37	06:03:00	1832.38	151.8
38	06:04:00	1832.38	151.8
39	06:05:00	1832.38	151.8
40	06:12:00	1813.16	150.9
41	06:13:00	1813.12	150.9
42	06:14:00	1813.11	151.0
43	06:15:00	1813.11	150.9
44	06:16:00	1813.09	150.9
45	06:17:00	1813.07	150.9
46	06:18:00	1813.07	150.9
47	06:19:00	1813.08	150.9
48	06:20:00	1813.02	150.9
49	06:21:00	1813.03	151.0
50	06:22:00	1813.02	151.0



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LINEAR PRESSURE PLOT DATA

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OILMIN N.L.

EAST MEREENIE #4

Data No.	TIME	PRESSURE	TEMP.
51	06:23:00	1813.01	151.0
52	06:24:00	1813.00	151.0
53	06:25:00	1813.02	151.0
54	06:26:00	1813.02	151.0
55	06:27:00	1813.01	150.9
56	06:28:00	1813.01	150.9
57	06:45:00	1752.66	147.3
58	06:46:00	1752.62	147.3
59	06:47:00	1752.59	147.3
60	06:48:00	1752.56	147.3
61	06:49:00	1752.54	147.3
62	06:50:00	1752.54	147.3
63	06:51:00	1752.52	147.3
64	06:52:00	1752.50	147.3
65	06:53:00	1752.51	147.3
66	06:54:00	1752.50	147.2
67	06:55:00	1752.48	147.2
68	06:56:00	1752.48	147.2
69	06:57:00	1752.46	147.3
70	06:58:00	1752.45	147.3
71	06:59:00	1752.46	147.2
72	07:00:00	1752.46	147.2
73	07:01:00	1752.46	147.2
74	07:12:00	1695.08	144.6
75	07:13:00	1695.02	144.5
76	07:14:00	1694.95	144.5
77	07:15:00	1694.89	144.5
78	07:16:00	1694.84	144.5
79	07:17:00	1694.80	144.5
80	07:18:00	1694.76	144.5
81	07:19:00	1694.72	144.5
82	07:20:00	1694.72	144.4
83	07:21:00	1694.68	144.4
84	07:22:00	1694.64	144.5
85	07:23:00	1694.64	144.4
86	07:24:00	1694.61	144.5
87	07:25:00	1694.60	144.4
88	07:26:00	1694.60	144.4
89	07:27:00	1694.58	144.4
90	07:28:00	1694.58	144.4
91	07:29:00	1694.56	144.4
92	07:30:00	1694.56	144.4
93	07:31:00	1694.56	144.4
94	07:32:00	1694.54	144.4
95	07:33:00	1694.54	144.4
96	07:34:00	1694.54	144.4
97	07:35:00	1694.54	144.4
98	07:36:00	1694.54	144.4
99	07:43:00	1638.32	140.9
100	07:44:00	1637.95	140.9



LINEAR PRESSURE PLOT DATA

30/09/83

OILMIN N.L.

EAST MEREENIE #4

Data No.	TIME	PRESSURE	TEMP.
101	07:45:00	1637.73	140.8
102	07:46:00	1637.55	140.7
103	07:47:00	1637.40	140.6
104	07:48:00	1637.22	140.6
105	07:49:00	1637.00	140.5
106	07:50:00	1636.88	140.5
107	07:51:00	1636.81	140.5
108	07:52:00	1636.73	140.5
109	07:53:00	1636.67	140.5
110	07:54:00	1636.63	140.4
111	07:55:00	1636.57	140.4
112	07:56:00	1636.52	140.4
113	07:57:00	1636.49	140.4
114	07:58:00	1636.46	140.4
115	07:59:00	1636.42	140.4
116	08:00:00	1636.38	140.4
117	08:01:00	1636.38	140.4
118	08:02:00	1636.36	140.4
119	08:03:00	1636.34	140.4
120	08:04:00	1636.34	140.4
121	08:05:00	1636.32	140.4
122	08:06:00	1636.32	140.4
123	08:07:00	1636.30	140.4
124	08:08:00	1636.30	140.4
125	08:09:00	1636.28	140.4
126	08:10:00	1636.28	140.4
127	08:11:00	1636.28	140.4
128	08:12:00	1636.28	140.4
129	08:13:00	1636.26	140.4
130	08:14:00	1636.26	140.4
131	08:15:00	1636.25	140.4
132	08:25:00	1361.53	119.2
133	08:26:00	1358.97	119.0
134	08:27:00	1356.79	119.0
135	08:28:00	1354.89	118.9
136	08:29:00	1353.24	118.8
137	08:30:00	1351.81	118.7
138	08:31:00	1350.60	118.6
139	08:32:00	1349.53	118.6
140	08:33:00	1348.61	118.5
141	08:34:00	1347.84	118.5
142	08:35:00	1347.20	118.4
143	08:36:00	1346.61	118.4
144	08:37:00	1346.16	118.3
145	08:38:00	1345.75	118.3
146	08:39:00	1345.40	118.2
147	08:40:00	1345.07	118.2
148	08:41:00	1344.78	118.2
149	08:42:00	1344.54	118.2
150	08:43:00	1344.34	118.2



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LINEAR PRESSURE PLOT DATA

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OILMIN N.L.

EAST MEREENIE #4

Data No.	TIME	PRESSURE	TEMP.
151	08:44:00	1344.16	118.2
152	08:45:00	1344.03	118.1
153	08:46:00	1343.89	118.1
154	08:47:00	1343.77	118.1
155	08:48:00	1343.71	118.0
156	08:49:00	1343.63	118.0
157	08:50:00	1343.54	118.0
158	08:51:00	1343.44	118.0
159	08:52:00	1343.39	118.0
160	08:53:00	1343.36	118.0
161	08:54:00	1343.30	118.0
162	08:55:00	1343.28	118.0
163	08:56:00	1343.26	118.0
164	08:57:00	1343.23	118.0
165	08:58:00	1343.21	117.9
166	08:59:00	1343.17	118.0
167	09:00:00	1343.15	118.0
168	09:01:00	1343.15	118.0
169	09:02:00	1343.12	118.0
170	09:03:00	1343.11	118.0
171	09:04:00	1343.09	118.0
172	09:05:00	1343.08	118.0
173	09:06:00	1343.10	118.0
174	09:07:00	1343.09	118.0
175	09:08:00	1343.06	118.0
176	09:09:00	1343.07	118.0
177	09:10:00	1343.06	118.0
178	09:28:00	1114.40	97.4
179	09:29:00	1111.32	97.3
180	09:30:00	1108.68	97.2
181	09:31:00	1106.34	97.1
182	09:32:00	1104.25	97.0
183	09:33:00	1102.40	97.0
184	09:34:00	1100.82	96.9
185	09:35:00	1099.47	96.8
186	09:36:00	1098.27	96.8
187	09:37:00	1097.27	96.7
188	09:38:00	1096.37	96.7
189	09:39:00	1095.59	96.7
190	09:40:00	1094.94	96.6
191	09:41:00	1094.36	96.6
192	09:42:00	1093.87	96.5
193	09:43:00	1093.43	96.5
194	09:44:00	1093.05	96.5
195	09:45:00	1092.71	96.4
196	09:46:00	1092.44	96.4
197	09:47:00	1092.19	96.3
198	09:48:00	1091.97	96.3
199	09:49:00	1091.77	96.3
200	09:50:00	1091.61	96.2



LINEAR PRESSURE PLOT DATA

30/09/83

OILMIN N.L.

EAST MEREENIE #4

Data No.	TIME	PRESSURE	TEMP.
201	09:51:00	1091.46	96.2
202	09:52:00	1091.31	96.2
203	09:53:00	1091.17	96.2
204	09:54:00	1091.05	96.2
205	09:55:00	1090.95	96.2
206	09:56:00	1090.88	96.1
207	09:57:00	1090.78	96.1
208	09:58:00	1090.69	96.1
209	09:59:00	1090.64	96.0
210	10:00:00	1090.55	96.0
211	10:01:00	1090.49	96.1
212	10:02:00	1090.45	96.0
213	10:03:00	1090.39	96.0
214	10:04:00	1090.32	96.0
215	10:05:00	1090.29	96.0
216	10:06:00	1090.25	96.0
217	10:07:00	1090.22	95.9
218	10:08:00	1090.16	96.0
219	10:09:00	1090.14	96.0
220	10:10:00	1090.12	95.9
221	10:11:00	1090.06	95.9
222	10:12:00	1090.06	95.9
223	10:13:00	1090.02	95.9
224	10:14:00	1089.98	96.0
225	10:15:00	1089.98	95.9
226	10:16:00	1089.94	95.9
227	10:17:00	1089.94	95.9
228	10:18:00	1089.91	95.9
229	10:19:00	1089.91	95.9
230	10:20:00	1089.90	95.9
231	10:21:00	1089.85	95.9
232	10:30:00	1077.17	86.0
233	10:31:00	1074.69	85.8
234	10:32:00	1072.52	85.8
235	10:33:00	1070.67	85.7
236	10:34:00	1069.07	85.7
237	10:35:00	1067.71	85.7
238	10:36:00	1066.55	85.6
239	10:37:00	1065.55	85.6
240	10:38:00	1064.70	85.6
241	10:39:00	1063.95	85.5
242	10:40:00	1063.34	85.5
243	10:41:00	1062.82	85.4
244	10:42:00	1062.38	85.4
245	10:43:00	1062.04	85.4
246	10:44:00	1061.72	85.4
247	10:45:00	1061.43	85.3
248	10:46:00	1061.16	85.3
249	10:47:00	1060.93	85.3
250	10:48:00	1060.72	85.4



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LINEAR PRESSURE PLOT DATA

30/09/83

OILMIN N.L.

EAST MEREENIE #4

Data No.	TIME	PRESSURE	TEMP.
251	10:49:00	1060.53	85.4
252	10:50:00	1060.36	85.3
253	10:51:00	1060.21	85.3
254	10:52:00	1060.08	85.3
255	10:53:00	1059.98	85.3
256	10:54:00	1059.86	85.3
257	10:55:00	1059.76	85.2
258	10:56:00	1059.68	85.2
259	10:57:00	1059.61	85.2
260	10:58:00	1059.51	85.2
261	10:59:00	1059.47	85.2
262	11:00:00	1059.40	85.2
263	11:01:00	1059.36	85.2
264	11:02:00	1059.30	85.2
265	11:03:00	1059.24	85.2
266	11:04:00	1059.23	85.1
267	11:05:00	1059.18	85.2
268	11:06:00	1059.13	85.2
269	11:07:00	1059.12	85.1
270	11:08:00	1059.07	85.1
271	11:09:00	1059.05	85.1
272	11:10:00	1059.02	85.1
273	11:11:00	1059.00	85.1
274	11:12:00	1058.98	85.1
275	11:13:00	1058.95	85.1
276	11:14:00	1058.95	85.2
277	11:15:00	1058.92	85.1
278	11:16:00	1058.89	85.1
279	11:17:00	1058.89	85.1
280	11:18:00	1058.87	85.1
281	11:19:00	1058.87	85.1
282	11:20:00	1058.85	85.0
283	11:21:00	1058.83	85.0
284	11:22:00	1058.82	85.1
285	11:23:00	1058.79	85.1
286	11:24:00	1058.81	85.0
287	11:25:00	1058.81	85.0
288	11:38:00	1037.06	79.3
289	11:39:00	1033.39	79.5
290	11:40:00	1030.43	79.7
291	11:41:00	1028.20	79.9
292	11:42:00	1026.41	80.1
293	11:43:00	1025.15	80.2
294	11:44:00	1024.21	80.3
295	11:45:00	1023.47	80.6
296	11:46:00	1022.94	80.6
297	11:47:00	1022.62	80.7
298	11:48:00	1022.47	80.7
299	11:49:00	1022.39	80.8
300	11:50:00	1022.46	80.8



LINEAR PRESSURE PLOT DATA

30/09/83

OILMIN N.L.

EAST MEREENIE #4

Data No.	TIME	PRESSURE	TEMP.
301	11:51:00	1022.51	80.9
302	11:52:00	1022.56	80.9
303	11:53:00	1022.64	81.0
304	11:54:00	1022.78	81.0
305	11:55:00	1022.90	81.1
306	11:56:00	1023.09	81.1
307	11:57:00	1023.15	81.1
308	11:58:00	1023.18	81.3
309	11:59:00	1023.08	81.5
310	12:00:00	1023.02	81.6
311	12:01:00	1022.92	81.8
312	12:02:00	1022.91	81.8
313	12:03:00	1022.99	81.9
314	12:04:00	1023.13	81.9
315	12:07:00	1023.65	82.0
316	12:08:00	1023.82	82.1
317	12:09:00	1023.94	82.1
318	12:10:00	1023.91	82.3
319	12:11:00	1023.78	82.6
320	12:12:00	1023.64	82.7
321	12:13:00	1023.57	82.8
322	12:14:00	1023.59	82.8
323	12:15:00	1023.68	82.8



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