

OILMIN N.L
EAST MEREENIE # 4

30th November 1983



ONSHORE

**NORTHERN TERRITORY
GEOLOGICAL SURVEY**



GEARHART PTY. LTD.
1/138 MUSGRAVE AVE., WELLAND, SA 5207

OILMIN N.L

EAST MEREENIE # 4

OPERATIONS SCHEDULE

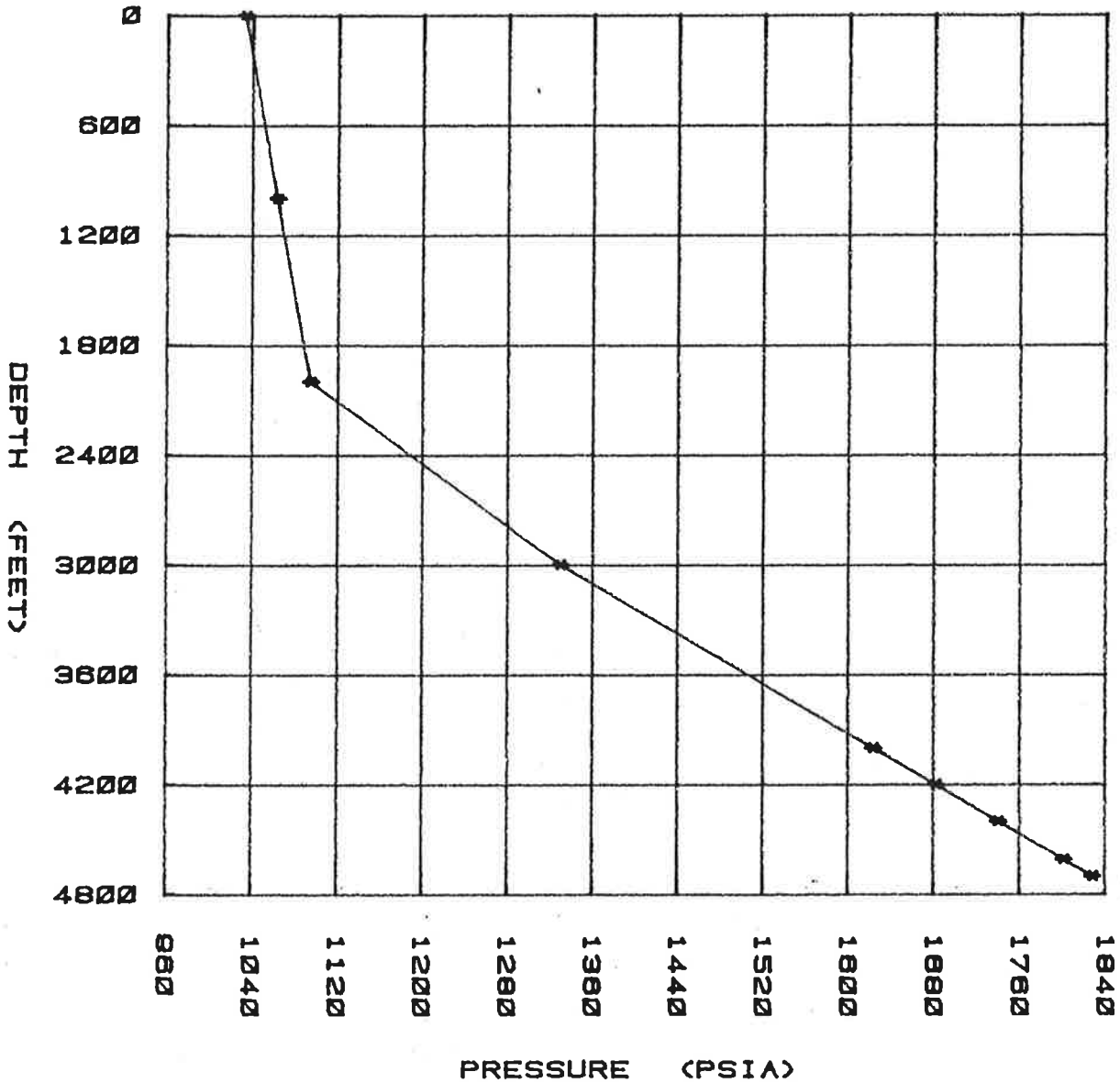
<u>HOURS</u>	<u>REMARKS</u>
November 30th, 1983	
1645	Arrive on location
1700	Begin rigging up
1915	Open well
1928	DWT reading 1020 PSIG
1930	R. I. H.
2010	Hang @ 4700'
2143	P. O. O. H.
2147	Hang @ 4609'
2325	P. O. O. H.
2330	Hang @ 4400'
December 1st, 1983	
0010	P. O. O. H.
0014	Hang @ 4200'
0130	Tool and power failure during Electrical storm
0145	P. O. O. H.
0230	Shut in well - repair tool
0745	Open well - DWT reading 1019 PSIG
0750	R. I. H.
0900	Hang @ 4200'
1035	P. O. O. H.
1045	Hang @ 3000'
1137	P. O. O. H.
1150	Hang @ 2000'
1320	P. O. O. H.
1340	Hang @ 1000'
1445	P. O. O. H.
1500	Hang in lubricator
1645	Shut in well and rig down
1730	Move off location



GEARHART PTY. LTD. - STATIC GRADIENT

OILMIN N.L. EAST MEREENIE # 4 30/11/83

H. P. GAUGE No. 627



DEPTH (MEAS.) FT	PRESSURE (PSIA)	GRADIENT (PSI/FT)
0.0	1033.33	
1000.0	1063.33	.030
2000.0	1094.38	.031
3000.0	1329.70	.235
4000.0	1623.00	.293
4200.0	1681.85	.294
4400.0	1739.63	.289
4609.0	1800.69	.292
4700.0	1827.93	.299



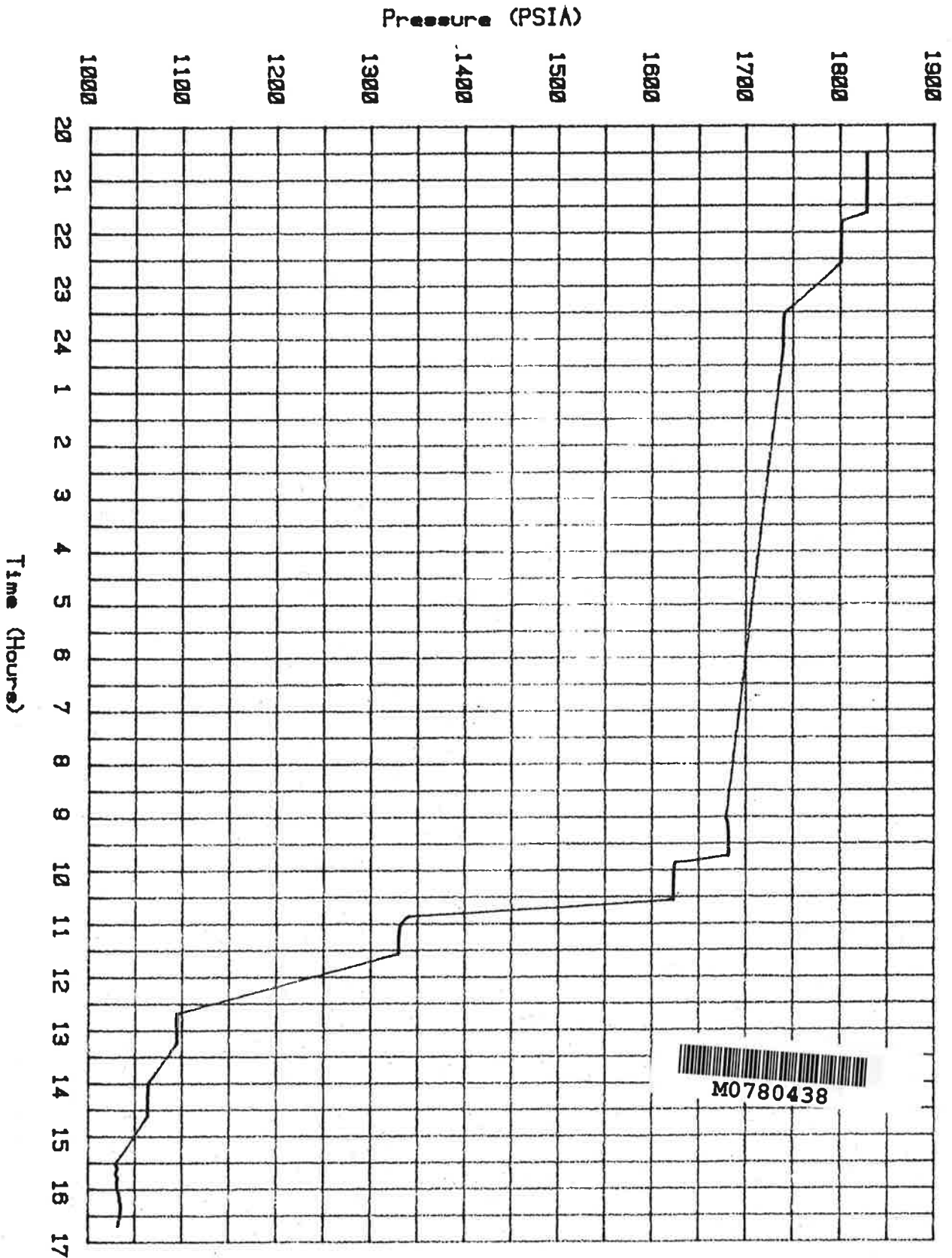
GEARHART PTY. LTD. - LINEAR PRESSURE PLOT

OILMIN N.L. EAST MEREENIE # 4 30/11/83

HP STATIC GRADIENT

Plotted from 20:31:00 on 30/11/83

to 16:41:00 on 01/12/83 (Approx. 20 hrs.)



LINEAR PRESSURE PLOT DATA

30/11/83

OILMIN N.L

EAST MEREENIE # 4

Data No.	TIME	PRESSURE	TEMP.
1	20:31:00	1828.37	146.5
2	20:32:00	1828.38	146.5
3	20:33:00	1828.39	146.6
4	20:34:00	1828.40	146.6
5	20:35:00	1828.39	146.5
6	20:36:00	1828.38	146.5
7	20:37:00	1828.39	146.5
8	20:38:00	1828.37	146.5
9	20:39:00	1828.37	146.5
10	20:40:00	1828.36	146.5
11	20:41:00	1828.36	146.5
12	20:42:00	1828.36	146.5
13	20:43:00	1828.33	146.5
14	20:44:00	1828.34	146.6
15	20:45:00	1828.34	146.6
16	20:46:00	1828.32	146.5
17	20:47:00	1828.31	146.5
18	20:48:00	1828.29	146.5
19	20:49:00	1828.29	146.5
20	20:50:00	1828.28	146.5
21	20:51:00	1828.27	146.5
22	20:52:00	1828.26	146.5
23	20:53:00	1828.25	146.5
24	20:54:00	1828.25	146.6
25	20:55:00	1828.24	146.6
26	20:56:00	1828.23	146.5
27	20:57:00	1828.23	146.6
28	20:58:00	1828.21	146.5
29	20:59:00	1828.21	146.6
30	21:00:00	1828.20	146.6
31	21:01:00	1828.18	146.6
32	21:02:00	1828.19	146.6
33	21:03:00	1828.17	146.5
34	21:04:00	1828.18	146.6
35	21:05:00	1828.16	146.6
36	21:06:00	1828.16	146.6
37	21:07:00	1828.14	146.5
38	21:08:00	1828.15	146.6
39	21:09:00	1828.14	146.6
40	21:10:00	1828.13	146.6
41	21:11:00	1828.11	146.6
42	21:12:00	1828.10	146.5
43	21:13:00	1828.11	146.6
44	21:14:00	1828.08	146.5
45	21:15:00	1828.09	146.6
46	21:16:00	1828.08	146.5
47	21:17:00	1828.08	146.6
48	21:18:00	1828.07	146.6
49	21:19:00	1828.05	146.6
50	21:20:00	1828.07	146.6



LINEAR PRESSURE PLOT DATA

30/11/83

DILMIN N.L

EAST MEREENIE # 4

Data No.	TIME	PRESSURE	TEMP.
51	21:21:00	1828.04	146.5
52	21:22:00	1828.03	146.5
53	21:23:00	1828.04	146.6
54	21:24:00	1828.03	146.6
55	21:25:00	1828.01	146.5
56	21:26:00	1828.02	146.6
57	21:27:00	1828.00	146.5
58	21:28:00	1828.00	146.6
59	21:29:00	1827.99	146.6
60	21:30:00	1827.99	146.6
61	21:31:00	1827.99	146.6
62	21:32:00	1827.99	146.6
63	21:33:00	1827.97	146.5
64	21:34:00	1827.96	146.5
65	21:35:00	1827.96	146.6
66	21:36:00	1827.96	146.6
67	21:37:00	1827.95	146.5
68	21:38:00	1827.94	146.5
69	21:39:00	1827.93	146.6
70	21:48:00	1801.56	145.3
71	21:49:00	1801.39	145.3
72	21:50:00	1801.32	145.3
73	21:51:00	1801.24	145.3
74	21:52:00	1801.20	145.3
75	21:53:00	1801.15	145.2
76	21:54:00	1801.09	145.3
77	21:55:00	1801.07	145.3
78	21:56:00	1801.03	145.3
79	21:57:00	1801.01	145.3
80	21:58:00	1800.97	145.2
81	21:59:00	1800.92	145.3
82	22:00:00	1800.90	145.3
83	22:01:00	1800.89	145.3
84	22:02:00	1800.88	145.3
85	22:03:00	1800.86	145.3
86	22:04:00	1800.85	145.3
87	22:05:00	1800.82	145.3
88	22:12:00	1800.77	145.3
89	22:13:00	1800.78	145.3
90	22:14:00	1800.77	145.3
91	22:15:00	1800.78	145.3
92	22:16:00	1800.75	145.3
93	22:17:00	1800.76	145.3
94	22:18:00	1800.72	145.2
95	22:19:00	1800.73	145.3
96	22:20:00	1800.72	145.3
97	22:21:00	1800.73	145.3
98	22:22:00	1800.73	145.3
99	22:23:00	1800.72	145.3
100	22:24:00	1800.71	145.3



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Data No.	TIME	PRESSURE	TEMP.
101	22:25:00	1800.70	145.2
102	22:26:00	1800.71	145.3
103	22:27:00	1800.70	145.3
104	22:28:00	1800.71	145.3
105	22:30:00	1800.69	145.3
106	22:31:00	1800.69	145.3
107	22:32:00	1800.69	145.3
108	22:33:00	1800.69	145.3
109	22:34:00	1800.69	145.3
110	22:35:00	1800.69	145.3
111	23:32:00	1740.96	142.6
112	23:33:00	1740.74	142.6
113	23:34:00	1740.59	142.6
114	23:35:00	1740.47	142.6
115	23:36:00	1740.37	142.5
116	23:37:00	1740.28	142.5
117	23:38:00	1740.18	142.5
118	23:39:00	1740.10	142.5
119	23:40:00	1740.05	142.4
120	23:41:00	1739.99	142.4
121	23:42:00	1739.95	142.4
122	23:43:00	1739.90	142.4
123	23:44:00	1739.88	142.4
124	23:45:00	1739.84	142.4
125	23:46:00	1739.83	142.4
126	23:47:00	1739.79	142.5
127	23:48:00	1739.78	142.4
128	23:49:00	1739.76	142.4
129	23:50:00	1739.74	142.4
130	23:51:00	1739.73	142.4
131	23:52:00	1739.71	142.3
132	23:53:00	1739.70	142.4
133	23:54:00	1739.69	142.4
134	23:55:00	1739.70	142.4
135	23:56:00	1739.68	142.4
136	23:57:00	1739.67	142.3
137	23:58:00	1739.68	142.4
138	23:59:00	1739.66	142.4

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139	00:00:00	1739.66	142.4
140	00:01:00	1739.66	142.4
141	00:02:00	1739.66	142.4
142	00:03:00	1739.64	142.4
143	00:04:00	1739.65	142.4
144	00:05:00	1739.64	142.3
145	00:06:00	1739.64	142.4
146	00:07:00	1739.64	142.3
147	00:08:00	1739.64	142.4

LINEAR PRESSURE PLOT DATA

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OILMIN N.L

EAST MEREENIE # 4

Data No.	TIME	PRESSURE	TEMP.
148	00:09:00	1739.63	142.3
149	09:02:00	1678.95	140.0
150	09:03:00	1679.48	140.0
151	09:04:00	1679.91	140.0
152	09:05:00	1680.24	140.0
153	09:06:00	1680.51	140.0
154	09:07:00	1680.73	140.1
155	09:08:00	1680.92	140.1
156	09:09:00	1681.07	140.1
157	09:10:00	1681.21	140.1
158	09:11:00	1681.33	140.1
159	09:12:00	1681.42	140.1
160	09:13:00	1681.49	140.2
161	09:14:00	1681.57	140.2
162	09:15:00	1681.64	140.2
163	09:16:00	1681.68	140.2
164	09:17:00	1681.72	140.2
165	09:18:00	1681.76	140.2
166	09:19:00	1681.79	140.2
167	09:20:00	1681.82	140.2
168	09:21:00	1681.85	140.2
169	09:22:00	1681.87	140.2
170	09:23:00	1681.87	140.2
171	09:24:00	1681.89	140.2
172	09:25:00	1681.89	140.2
173	09:26:00	1681.90	140.2
174	09:27:00	1681.91	140.2
175	09:28:00	1681.91	140.2
176	09:29:00	1681.90	140.1
177	09:30:00	1681.82	140.1
178	09:31:00	1681.79	140.2
179	09:32:00	1681.77	140.1
180	09:33:00	1681.76	140.2
181	09:34:00	1681.75	140.2
182	09:35:00	1681.75	140.2
183	09:36:00	1681.77	140.2
184	09:37:00	1681.77	140.2
185	09:38:00	1681.78	140.2
186	09:39:00	1681.79	140.2
187	09:40:00	1681.82	140.2
188	09:41:00	1681.82	140.2
189	09:42:00	1681.83	140.2
190	09:43:00	1681.85	140.2
191	09:44:00	1681.85	140.2
192	09:52:00	1624.96	136.8
193	09:53:00	1624.71	136.8
194	09:54:00	1624.51	136.7
195	09:55:00	1624.34	136.7
196	09:56:00	1624.17	136.8
197	09:57:00	1624.03	136.7



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LINEAR PRESSURE PLOT DATA

01/12/83

DILMIN N.L

EAST MEREENIE # 4

Data No.	TIME	PRESSURE	TEMP.
198	09:58:00	1623.90	136.7
199	09:59:00	1623.78	136.7
200	10:00:00	1623.68	136.6
201	10:01:00	1623.59	136.6
202	10:02:00	1623.51	136.6
203	10:03:00	1623.46	136.6
204	10:04:00	1623.39	136.6
205	10:05:00	1623.34	136.5
206	10:06:00	1623.28	136.5
207	10:07:00	1623.26	136.5
208	10:08:00	1623.22	136.6
209	10:09:00	1623.19	136.6
210	10:10:00	1623.15	136.5
211	10:11:00	1623.14	136.6
212	10:12:00	1623.12	136.6
213	10:13:00	1623.11	136.6
214	10:14:00	1623.11	136.5
215	10:15:00	1623.08	136.5
216	10:16:00	1623.08	136.6
217	10:17:00	1623.07	136.5
218	10:18:00	1623.06	136.5
219	10:19:00	1623.04	136.5
220	10:20:00	1623.03	136.5
221	10:21:00	1623.03	136.5
222	10:22:00	1623.03	136.5
223	10:23:00	1623.02	136.5
224	10:24:00	1623.03	136.5
225	10:25:00	1623.03	136.5
226	10:26:00	1623.01	136.5
227	10:27:00	1623.01	136.6
228	10:28:00	1622.99	136.5
229	10:29:00	1622.99	136.5
230	10:30:00	1623.01	136.6
231	10:31:00	1623.01	136.5
232	10:32:00	1623.00	136.5
233	10:33:00	1623.01	136.5
234	10:34:00	1623.03	136.6
235	10:52:00	1341.18	117.4
236	10:53:00	1339.42	117.4
237	10:54:00	1337.95	117.4
238	11:00:00	1332.66	117.2
239	11:01:00	1332.19	117.2
240	11:02:00	1331.81	117.1
241	11:03:00	1331.50	117.2
242	11:04:00	1331.25	117.2
243	11:05:00	1331.00	117.2
244	11:06:00	1330.79	117.1
245	11:07:00	1330.63	117.1
246	11:08:00	1330.50	117.1
247	11:09:00	1330.41	117.1



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LINEAR PRESSURE PLOT DATA

01/12/83

OILMIN N.L

EAST MEREENIE # 4

Data No.	TIME	PRESSURE	TEMP.
248	11:10:00	1330.29	117.1
249	11:11:00	1330.18	117.1
250	11:12:00	1330.11	117.1
251	11:13:00	1330.04	117.1
252	11:14:00	1329.98	117.0
253	11:15:00	1329.95	117.1
254	11:16:00	1329.88	117.0
255	11:17:00	1329.86	117.0
256	11:18:00	1329.85	117.1
257	11:19:00	1329.80	117.0
258	11:20:00	1329.79	117.1
259	11:21:00	1329.77	117.1
260	11:22:00	1329.76	117.1
261	11:23:00	1329.73	117.0
262	11:24:00	1329.74	117.0
263	11:25:00	1329.73	117.1
264	11:26:00	1329.73	117.1
265	11:27:00	1329.71	117.0
266	11:28:00	1329.71	117.0
267	11:29:00	1329.72	117.1
268	11:30:00	1329.71	117.0
269	11:31:00	1329.71	117.0
270	11:32:00	1329.72	117.0
271	11:33:00	1329.70	117.1
272	11:34:00	1329.70	117.1
273	12:41:00	1094.60	96.0
274	12:42:00	1094.66	95.9
275	12:43:00	1094.67	95.9
276	12:44:00	1094.68	96.0
277	12:45:00	1094.66	96.0
278	12:46:00	1094.63	95.9
279	12:47:00	1094.62	96.0
280	12:48:00	1094.60	96.0
281	12:49:00	1094.58	95.9
282	12:50:00	1094.56	96.0
283	12:51:00	1094.54	95.9
284	12:52:00	1094.54	96.0
285	12:53:00	1094.50	95.9
286	12:54:00	1094.50	96.0
287	12:55:00	1094.47	95.9
288	12:56:00	1094.46	95.9
289	12:57:00	1094.46	96.0
290	12:58:00	1094.44	95.9
291	12:59:00	1094.43	95.9
292	13:00:00	1094.43	95.9
293	13:01:00	1094.43	95.9
294	13:02:00	1094.41	95.9
295	13:03:00	1094.40	95.9
296	13:04:00	1094.41	95.9
297	13:05:00	1094.39	95.9



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LINEAR PRESSURE PLOT DATA

01/12/83

OILMIN N.L

EAST MEREENIE # 4

Data No.	TIME	PRESSURE	TEMP.
298	13:06:00	1094.40	95.9
299	13:07:00	1094.39	95.9
300	13:08:00	1094.39	96.0
301	13:09:00	1094.39	96.0
302	13:10:00	1094.39	96.0
303	13:11:00	1094.38	95.9
304	13:12:00	1094.37	95.9
305	13:13:00	1094.39	95.9
306	13:14:00	1094.37	95.9
307	13:15:00	1094.39	95.9
308	14:00:00	1064.24	86.4
309	14:01:00	1064.16	86.4
310	14:02:00	1064.07	86.5
311	14:03:00	1063.98	86.4
312	14:04:00	1063.92	86.5
313	14:05:00	1063.85	86.4
314	14:06:00	1063.80	86.4
315	14:07:00	1063.75	86.4
316	14:08:00	1063.71	86.4
317	14:09:00	1063.68	86.4
318	14:10:00	1063.63	86.4
319	14:11:00	1063.60	86.4
320	14:12:00	1063.58	86.3
321	14:13:00	1063.55	86.4
322	14:14:00	1063.52	86.3
323	14:15:00	1063.51	86.4
324	14:16:00	1063.48	86.4
325	14:17:00	1063.48	86.3
326	14:18:00	1063.47	86.4
327	14:19:00	1063.45	86.4
328	14:20:00	1063.43	86.3
329	14:21:00	1063.43	86.3
330	14:22:00	1063.41	86.3
331	14:23:00	1063.41	86.3
332	14:24:00	1063.39	86.4
333	14:25:00	1063.37	86.3
334	14:26:00	1063.37	86.3
335	14:27:00	1063.37	86.3
336	14:28:00	1063.36	86.2
337	14:29:00	1063.35	86.3
338	14:30:00	1063.35	86.3
339	14:31:00	1063.33	86.3
340	14:32:00	1063.33	86.3
341	14:33:00	1063.33	86.3
342	14:34:00	1063.33	86.3
343	14:35:00	1063.31	86.3
344	14:36:00	1063.31	86.2
345	14:37:00	1063.31	86.3
346	15:31:00	1029.33	89.8
347	15:32:00	1029.44	89.8



M0780445

LINEAR PRESSURE PLOT DATA

01/12/83

OILMIN N.L

EAST MEREENIE # 4

Data No.	TIME	PRESSURE	TEMP.
348	15:33:00	1029.78	89.7
349	15:34:00	1030.32	89.6
350	15:35:00	1030.78	89.5
351	15:36:00	1031.07	89.6
352	15:37:00	1031.06	89.8
353	15:38:00	1030.75	90.0
354	15:39:00	1030.36	90.1
355	15:40:00	1030.10	90.3
356	15:41:00	1029.90	90.5
357	15:42:00	1029.52	90.7
358	15:43:00	1029.42	90.5
359	15:44:00	1029.72	90.4
360	15:45:00	1030.25	90.3
361	15:46:00	1030.83	90.2
362	15:47:00	1031.18	90.2
363	15:48:00	1031.21	90.3
364	15:49:00	1031.01	90.5
365	15:50:00	1030.84	90.5
366	15:51:00	1030.71	90.7
367	15:52:00	1030.63	90.7
368	15:53:00	1030.67	90.7
369	15:54:00	1030.75	90.7
370	15:55:00	1030.77	90.7
371	15:56:00	1030.79	90.7
372	15:57:00	1030.80	90.8
373	15:58:00	1030.91	90.7
374	15:59:00	1031.11	90.7
375	16:00:00	1031.37	90.5
376	16:01:00	1031.65	90.5
377	16:02:00	1031.87	90.5
378	16:03:00	1032.12	90.4
379	16:04:00	1032.37	90.3
380	16:05:00	1032.64	90.2
381	16:06:00	1032.87	90.2
382	16:07:00	1033.07	90.0
383	16:08:00	1033.23	90.0
384	16:09:00	1033.35	89.9
385	16:10:00	1033.40	89.8
386	16:11:00	1033.33	89.9
387	16:12:00	1033.26	89.7
388	16:13:00	1033.43	89.5
389	16:14:00	1033.75	89.3
390	16:15:00	1034.21	89.1
391	16:16:00	1034.62	89.0
392	16:17:00	1034.79	89.0
393	16:18:00	1034.80	89.0
394	16:19:00	1034.78	88.9
395	16:20:00	1034.84	88.7
396	16:21:00	1034.83	88.7
397	16:22:00	1034.78	88.6



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Data No.	TIME	PRESSURE	TEMP.
398	16:23:00	1034.73	88.6
399	16:24:00	1034.60	88.6
400	16:25:00	1034.49	88.6
401	16:26:00	1034.40	88.4
402	16:27:00	1034.39	88.3
403	16:28:00	1034.40	88.3
404	16:29:00	1034.43	88.2
405	16:30:00	1034.38	88.2
406	16:31:00	1034.17	88.2
407	16:32:00	1033.84	88.2
408	16:33:00	1033.66	88.2
409	16:34:00	1033.56	88.2
410	16:35:00	1033.48	88.1
411	16:36:00	1033.28	88.2
412	16:37:00	1033.06	88.1
413	16:38:00	1032.92	88.1
414	16:39:00	1032.83	88.1
415	16:40:00	1032.68	88.1
416	16:41:00	1032.51	88.1

